

APIMONDIA

Chile 2023





Made in Poland

Your bees - our passion



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ABOUT US

The LYSON beekeeping company was founded in 1995. Our main focus is to provide the finest equipment needed for honey production and processing. We are one of the biggest beekeeping equipment manufacturers in the world. A significant part of our production is the polystyrene hives that meets many frame standards from around the world and our range continues to expand. Thanks to our extensive knowledge from years of experience in the industry, we have become the pioneer in the production of beekeeping equipment such as honey extractors, creaming machines, uncapping machines, honey bottlers and much more. Technological developments and market changes require us to be flexible. We frequently introduce highly specialized technology in our range and make it available for every beekeeper. The company also manufactures wax foundations in various sizes to fit the most common frame standards. The wax used for production is tested often to ensure that their quality meets the industry requirements. A thick foundation is another unique addition to our range of wax foundations. It allows bee colonies to grow quicker, and take less time and resources for comb drawing. We also offer queen bees from our Krainka Victoria line and bee packages, from our own breeding program. In addition, we also have a wide range of small beekeeping equipment and accessories. We regularly introduce new products to meet all customer expectations. Our goal is to satisfy the needs of all beekeepers, from a beginner enthusiast to industrial-sized professional apiaries.

AWARDS

The basis for the success of our company is the commitment of our employees, who persistently strive to provide our customers with high-quality products and services. We actively participate in various competitions and plebiscites in which we have been distinguished—we have won such awards such as the Gazelle of Business (2013, 2014, 2015), the Eagle of Export (2016), the Dr. J. Dzierżona medal for outstanding merits in the development of beekeeping (2013) and the title of Outstanding Exporter of the Year 2013 and 2018.

A special distinction for the entire staff is winning awards at prestigious international events—in Pleven (Bulgaria 2010) for innovation in beekeeping, POLAGRA-TECH 2011 and Apimondia (Ukraine 2013, South Korea 2015, Turkey 2017), where at each Congress we won medals in various categories: for a large stand, innovations and inventions.



Awards motivate us for further efforts to implement new products and improve current solutions.



MARIAN ŁYSOŃ (1930 – 2004)

Marian Lyson was born and brought up in Malopolska province (Lesser Poland). Andrzej's father and Wiktoria's husband was a locksmith by profession, a beekeeper and engineer by passion. Between 1952-1980 he worked at the Diesel Engine Factory in Andrychów. At the same time, he created a gar-

dening business with his son. They had 50 beehives next to their house. In 1988, together with his son, they founded the Apicol Company and started the production of molds and polystyrene beehives. Initially, they produced Apipol beehives, mainly for the Beekeeping Association Apipol in Krakow. The passion for beekeeping and construction was passed on to Tomasz Lyson



TOMASZ ŁYSOŃ (1976)

Tomasz Lyson - husband and father of three children. As a young boy he was full of ideas while helping his father and grandfather in the apiary. At the age of 19 he started the production of polystyrene beehives. He founded Lyson company that has been awarded for quality products and service worldwide and it is known for active

support to variety of charity and social events. Tomasz is a certified Beekeeping Master, a Member of the Association of Professional Beekeepers and Beekeeping Association in Krakow and a breeder of Krainka Viktoria line. Being a huge fan of vintage cars, he organizes the International Rally of vintage cars in Bielany and belongs to Auto Mobile Beskidzki Club.



1995

The official opening of the LYSON Company in Sulkowice. The polystyrene beehives were presented for the first time at the National Beekeeping Days in Opole

Participation in National Beekeeping Days in Bielsko Biala, which established distribution and cooperation with PPHU Nektar company located in Northern Poland, and then with the other entrepreneurs. The first exhibition of beehives in Lithuania initiated the creation of a distribution network all over the world. Lithuanian Gediminas Olsevicius, owner of VAB Wilara, was the first customer and still is with LYSON Company.



1997

The first presentation of extractors at the National Beekeeping Days in Krakow. The company began to win prizes and became a laureate of AGROLIGA'97. The first participation in Apimondia Congress in Belgium.

1999

The offer expands and involves beekeeping suits. Tomasz's sister, Aneta Buda is involved as the production manager.

2000

The premiere of the first catalog at the National Beekeeping Days in Jelenia Góra.

2001

2002

Establishment of Bee & Honey company together with Rafał Krawczyk, which resulted in creating the beekeeping portal www.pszczoly.pl, the magazine "Pasieka", the company website and the online store. Launching the wax foundation production line. First participation in the Apislavia Congress in Brno.

2003

Creating a breeding program "Krainka Viktoria", a line for the bee queens. The first distributor meeting in Pszczela Wola during National Beekeeping Day.

Opening of a beekeeping wholesale in Radzymin and taking over the wholesale after District Apiculture Co-op in Poznań. Extension of the offer for honey and bee products due to cooperation with Tomasz's sister Katarzyna Lyson-Wiktor as Gospodarstwo Pasieczne.

2004



2006

The Lyson company relocated to Kety, Poland. Lyson purchased a building with a total area of 2200 m2, which allowed the dynamic development of production. They purchased their first automatic line for welding settlers and honey extractors.

2007

Participation in the Congress of Apimondia in Australia. Organization of the first Open Days, presentation of new products, lectures and trainings were offered to beekeepers.

Presentation of the first professional honey extracting line. The beginning of the Lyson TV - program about the company's life, short instructional videos and product information.

2010



2011

The EU support program began for beekeepers. The Lyson company started the distribution of their equipment and supplies to several thousand beekeepers in Poland.

2012

Lyson first attendance to ApiExpo Africa in Ethiopia.

The Lyson Company was awarded the first medal at the Congress of Apimondia in Kiev.

2013

2015

Relocation of the company to Klecza Dolna, acquiring a building with a total area of 12.000 m2. Participation in the beekeeping exhibition in the United Arab Emirates. Participation and organization of the first Fiat 126p rally under the slogan 'Save the bees'.

2017

Participation and organizing the Fiat 126p Rally through Poland together with the Polish Beekeepers' Association, the Professional Beekeeping Association and the Beekeepers' Association Polanka. In seven days, twelve two-person crews covered 1683 km during rally of 'Save the bees'.

2016

First participation in the beekeeping fairs in the United States, which became the start of 'BeeLab' research, which involves analyzing the behavior of bees in a beehive.

2018

Lyson received the honorary state badge "honored for agriculture" during the IV Congress of Exporters of the Agri-Food Industry under the Honorary Patronage of the Minister of Agriculture and Rural Development. We opened the APILANDIA - the only one place in Poland, where in a professional manner to promote bees and secrets about their lives. The exhibition is presented using various multimedia technologies, interactive installations and preview animations.

2019

Participation in the 46th edition of Apimondia, the International Beekeeping Congress, which took place in Canada, receiving 4 gold medals, including the one in the field of innovation for a honey extractor adapted to be used in a sitting position by people with disabilities

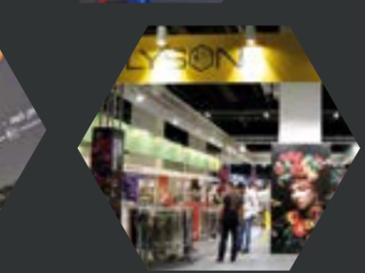
2021

The opening of a company store in Zgorzelec is a response to the growing international interest in LYSON products. The store located at the border crossing point of Germany, the Czech Republic and Poland is a great convenience for many foreign and Polish customers.

2022

The introduction of the fully recyclable EPP hive. Participation in the 47th International Beekeeping Congress Apimondia 2022 in Istanbul. Lyson Group won a total of 12 medals, including gold for the Apikultura Foundation's latest project - an educational beehive in the 'Innovation' category.

Combining the family tradition with running a business in harmony with nature and the local community. This is the formula for this year's special award in the prestigious Entrepreneur of the Year competition organized by EY Entrepreneur Of The Year. Tomasz Lyson awarded among Polish entrepreneurs.



NEW RELEASES 2023

LYSON

MANUAL TANGENTIAL 3-FRAME HONEY EXTRACTOR

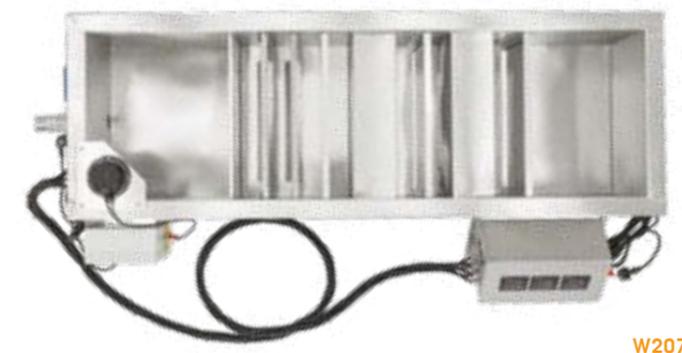


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Plastic hand drive made of durable plastic. Plastic gears set the basket in motion. The drive also incorporates a new handle, which enables the spinning process. The drive is bolted to the beam with 3 screws.

CASCADE HONEY SIEVE WITH COVER AND ELECTRONIC HONEY LEVEL SENSOR



W2079



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SCREW CONVEYOR

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W20971_230V

PROFESSIONAL CAPPING SPINNER

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W4801

VIBRATING POLLEN CLEANERS

W3217

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TRANSPORTING TROLLEY FOR CREAMING MACHINE

PAGE
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W6604

HOT WATER WAX MELTER

W7053

PAGE
133



WAX STERILIZER 50L, WITH INSULATED JACKET

W7064P

PAGE
133



TRANSPARENT CROWN BOARD DADANT

W102109

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146



BEEHIVE DADANT OPTIMA

LU1008H_O_ZC

LU1008H_O_POM



MULTIFUNCTIONAL UNCAPPING TABLE 1000MM, WITH HEATED BOTTOM AND HEATING COVER

PAGE
95



W4039_AB

STAINLESS STEEL SETTLER 100 L WITH CONICAL BOTTOM - PREMIUM LINE

4043C_P

PAGE
115



HYGIENIC PLASTIC BOTTOM DADANT OPTIMA

8059

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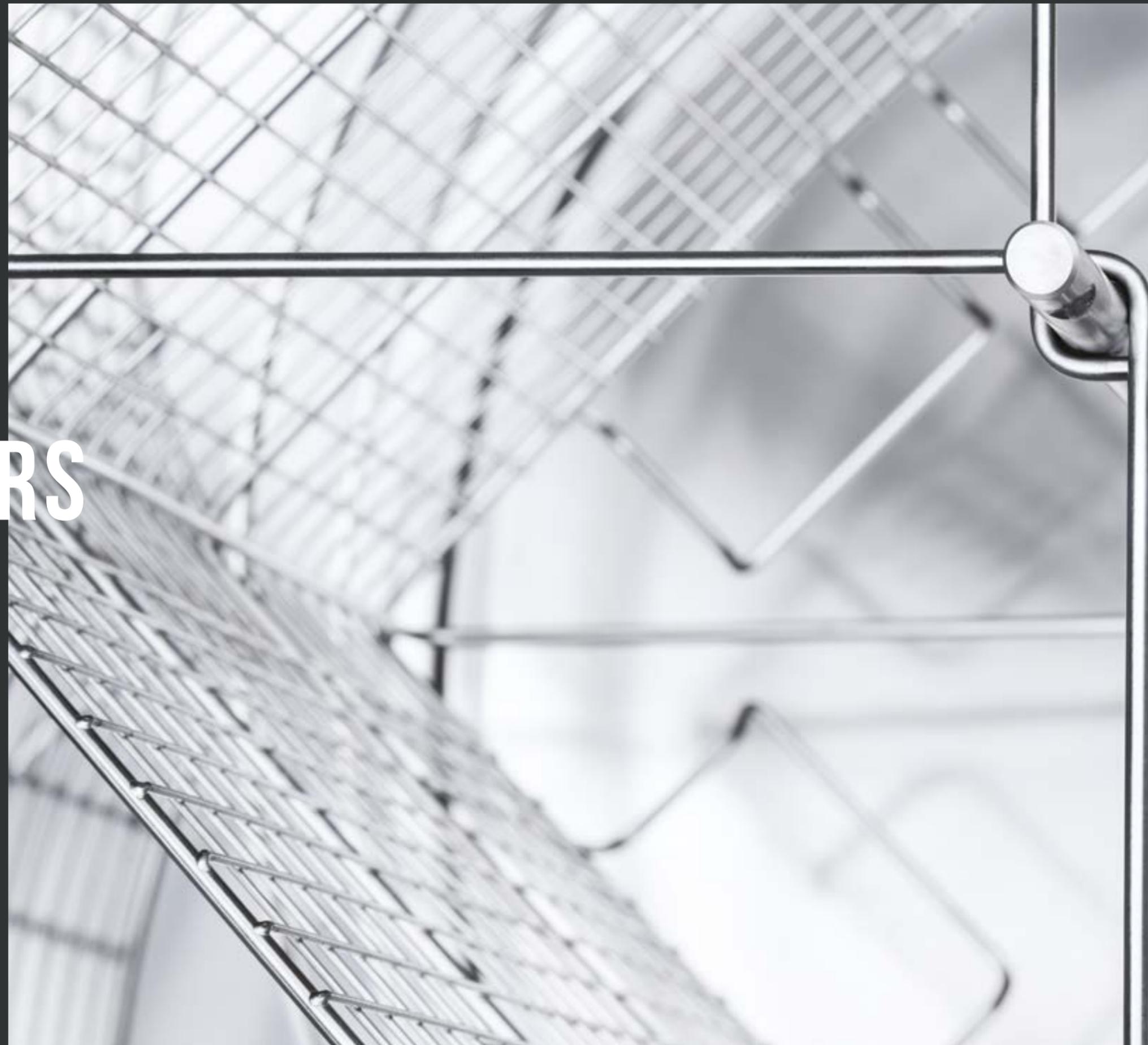


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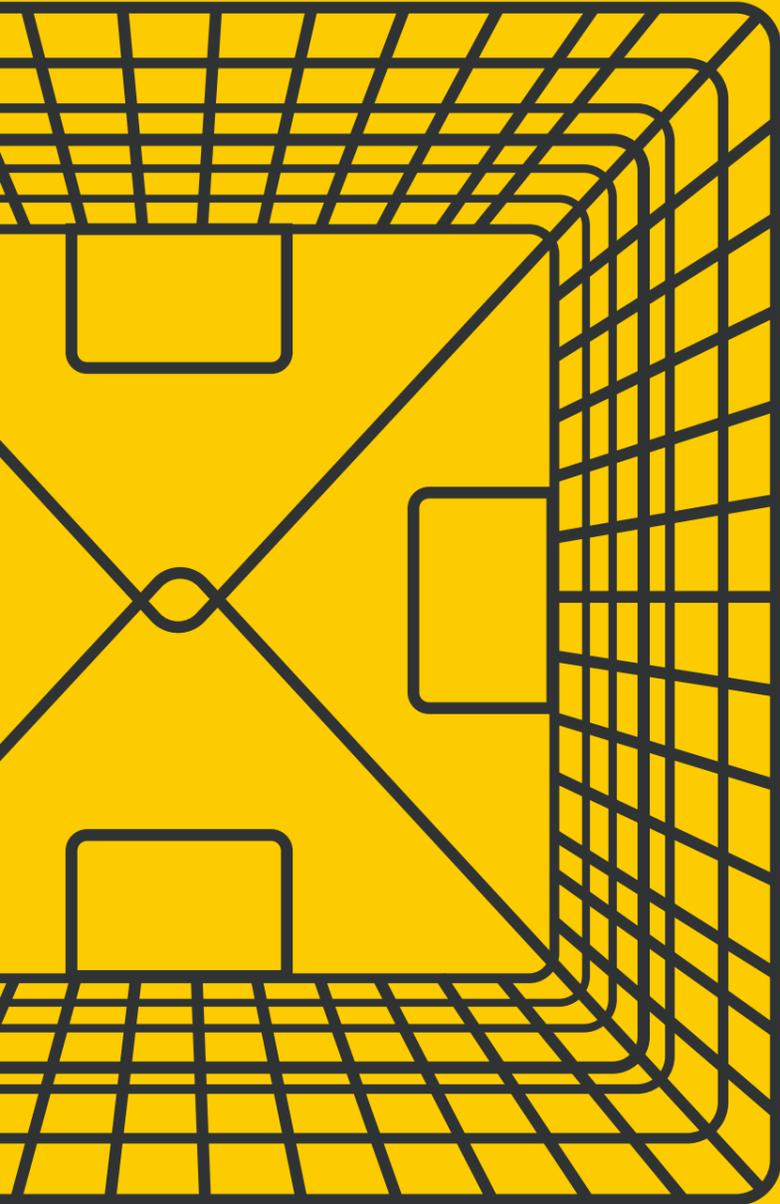
HONEY EXTRACTORS



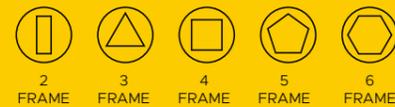
Appliances bearing the CE mark (Conformité Européenne) meet the requirements of EU directives concerning health and safety issues, and environmental protection. Manufacturer declares that products marked with CE complies with the essential requirements and other relevant provisions of EU directives.



TANGENTIAL HONEY EXTRACTORS



TANGENTIAL HONEY EXTRACTORS



STAINLESS STEEL
ASTM 304

STAINLESS STEEL
ACID - RESISTANT

APPLIANCES BEARING
THE CE MARK

IMPORTANT
INFORMATION

TANGENTIAL HONEY EXTRACTORS



Safety lock - after opening
the cover the basket is
stopped



Drum and basket made
of stainless steel



Controller - digital display and
dual power supply 230V + 12V
(110V and 12V option)



Conical shaped bottom - for easy
draining of the honey

Sturdy construction - facilitating
safe extraction (construction rein-
forced with a lower crossbar and
upper band)



BASIC
line

MINIMA
line

OPTIMA
line

ID	zestaw_basic or zestaw_minima
Drum diameter	from Ø400 mm to Ø650 mm
Drive system	electric
Power supply	110V or 230V
Motor	18V/80W
Controller mount	top bar
Circuit board	MDD-1
Controller	potentiometer

ID	41240064
Drum diameter	from Ø500 mm to Ø650 mm
Drive system	electric, manual-electric
Power supply	12V/110V or 12V/230V
Motor	24V/250W
Controller mount	top bar
Circuit board	SDD-2DP
Controller	digital



CLASSIC
line

ID	41240079
Drum diameter	from Ø500 mm to Ø650 mm
Drive system	electric, manual-electric
Power supply	12V/110V or 12V/230V
Motor	24V/250W
Controller mount	leg
Circuit board	SDD-2DP
Controller	digital



PREMIUM
line

ID	41240051
Drum diameter	from Ø500 mm to Ø600 mm
Drive system	electric, manual-electric
Power supply	12V/110V or 12V/230V
Motor	24V/350W
Controller mount	leg
Circuit board	SDD-3
Controller	digital

BASIC
LINE



ID	W233BBN_NP	W234BBN_NP	W2029BB	W2026BB	W2027BB
Name	Honey extrac- tor 2-frame,	Honey extrac- tor 3-frame,	Honey extractor Ø500mm, 3-frame, manual drive	Honey extractor Ø500mm, 4-frame, manual drive	Honey extractor Ø600mm, 4-frame, manual drive

TECHNICAL PARAMETERS				
Drum diameter	Ø400 mm	Ø500 mm	Ø500 mm	Ø600 mm
Frame type	Universal Langstroth	Universal	Langstroth, Zander, Deutsch Normal	Universal
Drive system	Manual plastic drive	Manual	Manual	Manual
Power supply	-	-	-	-
Controller	-	-	-	-
Motor	-	-	-	-
DRUM AND BASKET CONSTRUCTION				
Thickness	0,6 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm
Honey gate	Plastic 6/4"	Plastic 6/4"	Plastic 6/4"	Plastic 6/4"
Top bar	Flat bar 3 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated
Cover	3 mm acrylic glass			
Legs	Short, powder coated	Short, powder coated	Short, powder coated	Short, powder coated
Hinges	-	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.
Mesh size	25x70mm	25x70 mm	25x70 mm	25x70 mm
Basket mount	Polyamide sleeve	Polyamide sleeve	Polyamide sleeve	Polyamide sleeve
Drum rim	None	None	None	None
Drum height	610mm	610 mm	610 mm	610 mm
ADDITIONAL INFORMATION				
Other	For self-assembly (shipped in carton)			

⚠️ WARRANTY DETAILS,
PAGE 234-235.

BASIC
LINEBASIC
line

W2030BB

BASIC
line

W2033BB

BASIC
line

W224BB

ID	W2030BB	W2033BB	W224BB
Name	Honey extractor Ø500mm, 3-frame, electric drive	Honey extractor Ø500mm, 4-frame, electric drive	Honey extractor Ø600mm, 4-frame, electric drive
TECHNICAL PARAMETERS			
Drum diameter	Ø500 mm	Ø500 mm	Ø600 mm
Frame type	Universal	Langstroth, Zander, deutsch normal	Universal
Drive system	Electric	Electric	Electric
Power supply	230V	230V	230V
Controller	MDD-01	MDD-01	MDD-01
Motor	18V/80W	18V/80W	18V/80W
DRUM AND BASKET CONSTRUCTION			
Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm
Honey gate	Plastic 6/4"	Plastic 6/4"	Plastic 6/4"
Top bar	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated
Cover	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass
Legs	Short, powder coated	Short, powder coated	Short, powder coated
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.
Mesh size	25x70 mm	25x70 mm	25x70 mm
Basket mount	Polyamide sleeve	Polyamide sleeve	Polyamide sleeve
Drum rim	None	None	None
Drum height	610 mm	610 mm	610 mm
ADDITIONAL INFORMATION			
Other	For self-assembly (shipped in carton)	For self-assembly (shipped in carton)	For self-assembly (shipped in carton)

DIY - SELF ASSEMBLY
ELECTRIC DRIVE
CONVERSION KITS**Contents:**

- Control unit
- Drive unit
- Set of bolts and nuts
- Hole plugs

BASIC
line
MINIMA
line

New addition to our range. This affordable and easily applied conversion kit allows for upgrading your manually driven extractor to much more convenient electric extractor. Power supply for the motor is 230V, power 120W. The MDD-01 controller is a simple, manual potentiometer for changing the speed of rotation.

1. MANUAL DRIVE DISASSEMBLY

- Undo the gear casing retaining bolts
- Demount the hinge near the crank
- Mount the hinge back in another set of holes (predrilled)
- Tighten the top bar back

2. ASSEMBLY OF THE ELECTRIC DRIVE

- Place the drive unit on the top bar
- Mount the controller unit on the top bar
- Plug the holes in the top bar and the cover
- Connect the drive unit to the controller

ID	NAME
ZESTAW_BASIC	Self assembly electric drive conversion kit Basic Line
ZESTAWB_AD	Basic electric drive with adapter for extractors produced by other manufacturers
ZESTAW_MINIMA	Self assembly electric drive conversion kit Minima Line
ZESTAWM_AD	Minima electric drive with adapter for extractors produced by other manufacturers

CORDLESS BATTERY POWERED
CONTROLLER**Device specifications:**

- alternative solution to standard control
 - 18V power supply
 - smooth speed regulation
 - battery discharge indicator light (red)
 - LED indicating activation of the controller (green)
- Working time of the controller with battery power supply:
- up to 3h of operation on a single 18V 2.5Ah battery*
 - up to 5h of operation on a single 18V 4Ah battery *

DIMENSIONS

- height - 260 mm
- width - 140 mm
- depth - 120 mm
- weight - 0.48 kg

**CHARGER & BATTERY NOT INCLUDED IN THE OFFER**

ID	NAME
41240111	Cordless battery powered controller power for all 18V series - 2.5 Ah or 4 Ah

TWO-
FRAMEMINIMA
line

W233BN

MINIMA
line

W233B

MINIMA
line

W233B_OM

ID	W233BN	W233B	W233B_OM
Name	Honey extractor, 2-frame, manual drive, with legs	Honey extractor, 2-frame, manual drive	Honey extractor, 2-frame, manual drive, with sieve and settler 50 l

TECHNICAL PARAMETERS

Drum diameter	Ø400 mm	Ø400 mm	Ø400 mm
Frame type	Universal	Universal	Universal
Drive system	Manual	Manual	Manual
Power supply	-	-	-
Controller	-	-	-
Motor	-	-	-

DRUM AND BASKET CONSTRUCTION

Drum thickness	0,6 Mm	0,6 Mm	0,6 Mm
Honey gate	Plastic 6/4"	Plastic 6/4"	Plastic 6/4"
Top bar	Powder coated plate	Powder coated plate	Powder coated plate
Cover	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass
Legs	Short, powder coated	None	None
Hinges	None	None	None
Mesh size	35×20 mm	35×20 mm	35×20 mm
Basket mount	Polyamide sleeve	Polyamide sleeve	Polyamide sleeve
Drum rim	None	None	None
Drum height	610 mm	610 mm	Settler: 430 mm Total: 990 mm

ADDITIONAL INFORMATION

Other	for self-assembly (shipped in carton)	for self-assembly (shipped in carton)	for self-assembly (shipped in carton)
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TWO-
FRAMEOPTIMA
line

W2019M

OPTIMA
line

W2019N

OPTIMA
line

W2019_OM

ID	W2019M	W2019N	W2019_OM
Name	Honey extractor, 2-frame, manual drive	Honey extractor, 2-frame, manual drive, with legs	Honey extractor, 2-frame, manual drive, with sieve and settler (50 l)

TECHNICAL PARAMETERS

Drum diameter	Ø400 mm	Ø400 mm	Ø400 mm
Frame type	Universal	Universal	Universal
Drive system	Manual	Manual	Manual
Power supply	-	-	-
Controller	-	-	-
Motor	-	-	-

DRUM AND BASKET CONSTRUCTION

Drum thickness	0,6 mm	0,6 mm	0,6 mm
Honey gate	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Powder coated plate	Powder coated plate	Powder coated plate
Cover	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass
Legs	None	Short, powder coated	None
Hinges	None	None	None
Mesh size	20×40 mm	20×40 mm	20×40 mm
Basket mount	Polyamide sleeve	Polyamide sleeve	Polyamide sleeve
Drum rim	None	None	None
Drum height	610 mm	610 mm	Settler: 430 mm Total: 990 mm

ADDITIONAL INFORMATION

Other	For self-assembly (shipped in carton)	For self-assembly (shipped in carton)	For self-assembly (shipped in carton)
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THREE-FRAME



	MINIMA line	OPTIMA line	OPTIMA line	CLASSIC line	PREMIUM line
ID	W2029B	W2029M	W2029_OM	W2002	W2002P
Name	Honey extractor, 3-frame, manual drive	Honey extractor, 3-frame, manual drive	Honey extractor, 3-frame, manual drive, with sieve and settler 80 l	Honey extractor, 3-frame, manual drive	Honey extractor, 3-frame, manual drive
TECHNICAL PARAMETERS					
Drum diameter	Ø500 mm	Ø500 mm	Ø500 mm	Ø500 mm	Ø500 mm
Frame type	Universal	Universal	Universal	Universal	Universal
Drive system	Manual	Manual	Manual	Manual	Manual
Power supply	-	-	-	-	-
Controller	-	-	-	-	-
Motor	-	-	-	-	-
DRUM AND BASKET CONSTRUCTION					
Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm stainless
Cover	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass	5 mm acrylic glass
Legs	Short, powder coated	Short, powder coated	None	Long, powder coated	Long stainless
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.	Stainless 4 pcs.
Mesh size	20×20 mm	20×20 mm	20×20 mm	20×20 mm	10×10 mm
Basket mount	Polyamide sleeve	Polyamide sleeve	Polyamide sleeve	Polyamide sleeve	Polyamide sleeve
Drum rim	None	None	None	Powder coated	Stainless
Drum height	610 mm	610 mm	Settler: 430 mm Total: 990 mm	610 mm	610 mm
ADDITIONAL INFORMATION					
Other	For self-assembly (shipped in carton)	For self-assembly (shipped in carton)	For self-assembly (shipped in carton)	Shipped on pallet (packed in carton)	Shipped on pallet (packed in carton)

WARRANTY DETAILS,
PAGE 234-235.

THREE-FRAME



	MINIMA line	OPTIMA line	CLASSIC line	PREMIUM line
ID	W2030B	W2030	W2012	W2012P
Name	Honey extractor, 3-frame, electric drive			
TECHNICAL PARAMETERS				
Drum diameter	Ø500 mm	Ø500 mm	Ø500 mm	Ø500 mm
Frame type	Universal	Universal	Universal	Universal
Drive system	Electric	Electric	Electric	Electric
Power supply	230V	12V/230V	12V/230V	12V/230V
Controller	MDD-01*	CDD*	SDD-2DP*	SDD-3*
Motor	18V/80W	24V/250W	24V/250W	24V/350W
DRUM AND BASKET CONSTRUCTION				
Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	0,8 mm
Honey gate	Plastic 6/4"	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm stainless
Cover	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass	5 mm acrylic glass
Legs	Short, powder coated	Short, powder coated	Long, powder coated	Long, stainless
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.	Stainless 4 pcs.
Mesh size	20×20 mm	20×20 mm	20×20 mm	10×10 mm
Basket mount	Polyamide sleeve	Drum mounted Bearing	Frame mounted Bearing	Frame mounted Bearing
Drum rim	None	None	Powder coated	Stainless
Drum height	610 mm	610 mm	610 mm	610 mm
ADDITIONAL INFORMATION				
Other	For self-assembly (Shipped in carton)	For self-assembly (Shipped in carton)	Shipped on pallet (Packed in carton)	Shipped on pallet (Packed in carton)

* Possibility to install the left/right directional controller - additional fees apply

WARRANTY DETAILS,
PAGE 234-235.

THREE-FRAME

OPTIMA
line

W2032

CLASSIC
line

W20120

PREMIUM
line

W20120P

ID	W2032	W20120	W20120P
Name	Honey extractor, 3-frame, manual+electric	Honey extractor, 3-frame, manual+electric	Honey extractor, 3-frame, manual+electric
TECHNICAL PARAMETERS			
Drum diameter	Ø500 mm	Ø500 mm	Ø500 mm
Frame type	universal	universal	universal
Drive system	manual + electric	manual + electric	manual + electric
Power supply	12V/230V	12V/230V	12V/230V
Controller	CDD*	SDD-2DP*	SDD-3
Motor	24V/250W	24V/250W	24V/350W
DRUM AND BASKET CONSTRUCTION			
Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm stainless
Cover	3 mm acrylic glass	3 mm acrylic glass	5 mm acrylic glass
Legs	Short, powder coated	Long, powder coated	Long, stainless
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Stainless 4 pcs.
Mesh size	20×20 mm	20×20 mm	10×10 mm
Basket mount	Drum mounted bearing	Frame mounted bearing	Frame mounted bearing
Drum rim	None	Powder coated	Stainless
Drum height	610 mm	610 mm	610 mm
ADDITIONAL INFORMATION			
Other	For self-assembly (shipped in carton)	Shipped on pallet (Packed in carton)	Shipped on pallet (Packed in carton)

* Possibility to install the left/right directional controller - additional fees apply

 WARRANTY DETAILS,
PAGE 234-235.

FOUR-FRAME

MINIMA
line

W2026B

MINIMA
line

W2027B

MINIMA
line

W2027B_NEW

OPTIMA
line

W2026

ID	W2026B	W2027B	W2027B_NEW	W2026
Name	Honey extractor Ø500mm, 4-frame, manual drive	Honey extractor Ø600mm, 4-frame, manual drive	Honey extractor Ø600mm, 4-frame, manual drive, without axle	Honey extractor Ø500mm, 4-frame, manual drive
TECHNICAL PARAMETERS				
Drum diameter	Ø500 mm	Ø600 mm	Ø600 mm	Ø500 mm
Frame type	Langstroth, Zander, Deutsch Normal	Universal	Universal	Langstroth, Zander, Deutsch Normal
Drive system	Manual	Manual	Manual	Manual
Power supply	-	-	-	-
Controller	-	-	-	-
Motor	-	-	-	-
DRUM AND BASKET CONSTRUCTION				
Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm
Honey gate	Plastic 6/4"	Plastic 6/4"	Plastic 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated
Cover	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass
Legs	Short, powder coated	Short, powder coated	Short, powder coated	Short, powder coated
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.
Mesh size	20×20 mm	20×20 mm	20×20 mm	20×20 mm
Basket mount	Polyamide sleeve	Polyamide sleeve	Polyamide sleeve	Polyamide sleeve
Drum rim	None	None	None	None
Drum height	610 mm	610 mm	735 mm	610 mm
ADDITIONAL INFORMATION				
Other	For self-assembly (Shipped in carton)	For self-assembly (Shipped in carton)	For self-assembly (Shipped in carton)	For self-assembly (Shipped in carton)

 WARRANTY DETAILS,
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FOUR-FRAME



	OPTIMA line W2027M	CLASSIC line W2003	CLASSIC line W2013A	PREMIUM line W2003P
ID				
Name	Honey extractor Ø600mm, 4-frame, manual drive	Honey extractor Ø600mm, 4-frame, manual drive	Honey extractor Ø500mm, 4-frame, manual drive	Honey extractor Ø600mm, 4-frame, manual drive
TECHNICAL PARAMETERS				
Drum diameter	Ø600 mm	Ø600 mm	Ø500 mm	Ø600 mm
Frame type	Universal	Universal	Langstroth, Zander, Deutsch Normal	Universal
Drive system	Manual	Manual	Manual	Manual
Power supply	-	-	-	-
Controller	-	-	-	-
Motor	-	-	-	-
DRUM AND BASKET CONSTRUCTION				
Thickness	drum 0,6 mm bottom 0,8 mm	0,6 mm	0,6 mm	0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm stainless
Cover	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass	5 mm acrylic glass
Legs	Short, powder coated	Long, powder coated	Long, powder coated	Long, stainless
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.	Stainless 4 pcs.
Mesh size	20×20 mm	20×20 mm	20×20 mm	10×10 mm
Basket mount	Polyamide sleeve	Polyamide sleeve	Polyamide sleeve	Polyamide sleeve
Drum rim	None	Powder coated	Powder coated	Stainless
Drum height	610 mm	610 mm	610 mm	610 mm
ADDITIONAL INFORMATION				
Other	For self-assembly (Shipped in carton)	Shipped on pallet (packed in carton)	Shipped on pallet (packed in carton)	Shipped on pallet (packed in carton)

FOUR-FRAME



	MINIMA line W2033B	MINIMA line W224B	MINIMA line W224B_NEW	OPTIMA line W2033
ID				
Name	Honey extractor Ø500mm, 4-frame, electric drive	Honey extractor Ø600mm, 4-frame, electric drive	Honey extractor Ø600mm, 4-frame, electric drive, without axle	Honey extractor Ø500mm, 4-frame, electric drive
TECHNICAL PARAMETERS				
Drum diameter	Ø500 mm	Ø600 mm	Ø600 mm	Ø500 mm
Frame type	Langstroth, Zander, Deutsch Normal	Universal	Universal	Langstroth, Zander, Deutsch Normal
Drive system	Electric	Electric	Electric	Electric
Power supply	230V	230V	230V	12V/230V
Controller	MDD-01*	MDD-01*	MDD-01*	CDD*
Motor	18V/80W	18V/80W	18V/80W	24V/250W
DRUM AND BASKET CONSTRUCTION				
Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm
Honey gate	Plastic 6/4"	Plastic 6/4"	Plastic 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated
Cover	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass
Legs	Short, powder coated	Short, powder coated	Short, powder coated	Short, powder coated
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.
Mesh size	20×20 mm	20×20 mm	20×20 mm	20×20 mm
Basket mount	Polyamide sleeve	Polyamide sleeve	Polyamide sleeve	Drum mounted bearing
Drum rim	None	None	None	None
Drum height	610 mm	610 mm	735 mm	610 mm
ADDITIONAL INFORMATION				
Other	For self-assembly (Shipped in carton)	For self-assembly (Shipped in carton)	For self-assembly (Shipped in carton)	For self-assembly (Shipped in carton)

* Possibility to install the left/right directional controller - additional fees apply

FOUR-FRAME



	OPTIMA line	CLASSIC line	CLASSIC line	PREMIUM line
ID	W224MS	W2013	W2013C	W2013P
Name	Honey extractor Ø600mm, 4-frame, electric drive	Honey extractor Ø600mm, 4-frame, electric drive	Honey extractor Ø500mm, 4-frame, electric drive	Honey extractor Ø600mm, 4-frame, electric drive
TECHNICAL PARAMETERS				
Drum diameter	Ø600 mm	Ø600 mm	Ø500 mm	Ø600 mm
Frame type	Universal	Universal	Langstroth, Zander, Deutsch Normal	Universal
Drive system	Electric	Electric	Electric	Electric
Power supply	12V/230V	12V/230V	12V/230V	12V/230V
Controller	CDD*	SDD-2DP*	SDD-2DP*	SDD-3*
Motor	24V/250W	24V/250W	24V/250W	24V/350W
DRUM AND BASKET CONSTRUCTION				
Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm Powder coated	Flat bar 10 mm Powder coated	Flat bar 10 mm Powder coated	Flat bar 10 mm Stainless
Cover	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass	5 mm acrylic glass
Legs	Short, powder coated	Long, powder coated	Long, powder coated	Long, stainless
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.	Stainless 4 pcs.
Mesh size	20×20 mm	20×20 mm	20×20 mm	10×10 mm
Basket mount	Drum mounted bearing	Frame mounted bearing	Frame mounted bearing	Frame mounted bearing
Drum rim	None	Powder coated	Powder coated	Stainless
Drum height	610 mm	610 mm	610 mm	610 mm
ADDITIONAL INFORMATION				
Other	For self-assembly (Shipped in carton)	Shipped on pallet (packed in carton)	Shipped on pallet (packed in carton)	Shipped on pallet (packed in carton)

* Possibility to install the left/right directional controller - additional fees apply

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FOUR-FRAME



	OPTIMA line	OPTIMA line	CLASSIC line	CLASSIC line	PREMIUM line
ID	W2039	W225MS	W20130	W2013B	W20130P
Name	Honey extractor Ø500mm, 4-frame, manual+electric drive	Honey extractor Ø600mm, 4-frame, manual+electric drive	Honey extractor Ø600mm, 4-frame, manual+electric drive	Honey extractor Ø500mm, 4-frame, manual+electric drive	Honey extractor Ø600mm, 4-frame, manual+electric drive
TECHNICAL PARAMETERS					
Drum diameter	Ø500 mm	Ø600 mm	Ø600 mm	Ø500 mm	Ø600 mm
Frame type	Langstroth, Zander, Deutsch Normal	Universal	Universal	Langstroth, Zander, Deutsch Normal	Universal
Drive system	Manual + electric				
Power supply	12V/230V	12V/230V	12V/230V	12V/230V	12V/230V
Controller	CDD*	CDD*	SDD-2DP*	SDD-2DP*	SDD-3
Motor	24V/250W	24V/250W	24V/250W	24V/250W	24V/350W
DRUM AND BASKET CONSTRUCTION					
Thickness	drum 0,6 mm bottom 0,8 mm	0,8 mm			
Honey gate	Stainless 6/4"				
Top bar	Flat bar 10 mm powder coated	Flat bar 10 mm stainless			
Cover	3 mm acrylic glass	5 mm acrylic glass			
Legs	Short, powder coated	Short, powder coated	Long, powder coated	Long, powder coated	Long stainless
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.	Stainless 4 pcs.
Mesh size	20×20 mm	20×20 mm	20×20 mm	20×20 mm	10×10 mm
Basket mount	Drum mounted bearing	Drum mounted bearing	Frame mounted bearing	Frame mounted bearing	Frame mounted bearing
Drum rim	None	None	Powder coated	Powder coated	Stainless
Drum height	610 mm				
ADDITIONAL INFORMATION					
Other	For self-assembly (shipped in carton)	For self-assembly (shipped in carton)	Shipped on pallet (packed in carton)	Shipped on pallet (packed in carton)	Shipped on pallet (packed in carton)

* Possibility to install the left/right directional controller - additional fees apply

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FIVE-FRAME



CLASSIC
line

W2004



CLASSIC
line

W2014



CLASSIC
line

W20140

ID	W2004	W2014	W20140
Name	Honey extractor Ø600mm, 5-frame, manual drive	Honey extractor Ø600mm, 5-frame, electric drive	Honey extractor Ø600mm, 5-frame, manual+electric drive

TECHNICAL PARAMETERS

Drum diameter	Ø600 mm	Ø600 mm	Ø600 mm
Frame type	Langstroth, Zander, Deutsch Normal	Langstroth, Zander, Deutsch Normal	Langstroth, Zander, Deutsch Normal
Drive system	manual	electric	manual + electric
Power supply	—	12V/230V	12V/230V
Controller	—	SDD-2DP*	SDD-2DP*
Motor	—	24V/250W	24V/250W

DRUM AND BASKET CONSTRUCTION

Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated
Cover	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass
Legs	Long, powder coated	Long, powder coated	Long, powder coated
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.
Mesh size	20×20 mm	20×20 mm	20×20 mm
Basket mount	Polyamide sleeve	Polyamide sleeve	Polyamide sleeve
Drum rim	Powder coated	Powder coated	Powder coated
Drum height	610 mm	610 mm	610 mm

ADDITIONAL INFORMATION

Other	Shipped on pallet (Packed in carton)	Shipped on pallet (Packed in carton)	Shipped on pallet (Packed in carton)
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* Possibility to install the left/right directional controller - additional fees apply

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SIX-FRAME



OPTIMA
line

W229MS



OPTIMA
line

W226MS



OPTIMA
line

W227MS

ID	W229MS	W226MS	W227MS
Name	Honey extractor Ø650mm, 6-frame, manual drive	Honey extractor Ø650mm, 6-frame, electric drive	Honey extractor Ø650mm, 6-frame, manual+electric drive

TECHNICAL PARAMETERS

Drum diameter	Ø650 mm	Ø650 mm	Ø650 mm
Frame type	Langstroth, Zander, Deutsch Normal	Langstroth, Zander, Deutsch Normal	Langstroth, Zander, Deutsch Normal
Drive system	manual	electric	manual + electric
Power supply	—	12V/230V	12V/230V
Controller	—	CDD*	CDD*
Motor	—	24V/250W	24V/250W

DRUM AND BASKET CONSTRUCTION

Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated
Cover	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass
Legs	Short, powder coated	Long, powder coated	Long, powder coated
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.
Mesh size	20×20 mm	20×20 mm	20×20 mm
Basket mount	Polyamide sleeve	Polyamide sleeve	Polyamide sleeve
Drum rim	None	None	None
Drum height	610 mm	610 mm	610 mm

ADDITIONAL INFORMATION

Other	For self-assembly (shipped in carton)	For self-assembly (shipped in carton)	For self-assembly (shipped in carton)
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* Possibility to install the left/right directional controller - additional fees apply

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PAGE 234-235.

RADIAL HONEY EXTRACTORS



 RADIAL
HONEY EXTRACTORS

 STAINLESS STEEL
ASTM 304

 STAINLESS STEEL
ACID - RESISTANT

 APPLIANCES BEARING
THE CE MARK

 IMPORTANT
INFORMATION

PREMIUM line

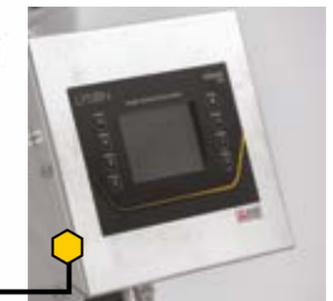


Electromagnetic interlock - prevents opening of the extractor during operation

Beam, rim, legs, crossbar, hinges are made of stainless steel.



Drum height 730 mm made of 0.8 mm acid-resistant stainless steel, conical bottom.



Modern controller with 7 fully programmable automatic cycles, one preset and two manual. Large colour display, controller works with Mitsubishi vector inverter.



Basket made of rod 10mm acid-resistant stainless steel in which 24 Dadant US frames can be inserted and 42 frames of type Langstroth, Deutsch Normal, ZANDER, D 1/2. The basket is supported by a 2 bearings.

The drive consists of a high-performance gearbox and motor from the THF eco-line series



BASIC line		MINIMA line		OPTIMA line	
ID	zestaw_basic or zestaw_minima	41240152		41240064	41240009
Drum diameter	from Ø500 mm to Ø650 mm	from Ø720 mm to Ø900 mm		from Ø500 mm to Ø650 mm	from Ø720 mm to Ø900 mm
Drive system	electric	electric		electric, manual-electric	electric
Power supply	110V or 230V	12V		12V/110V or 12V/230V	12V/110V or 12V/230V
Motor	18V/80W	from 24V/250W to 24V/350W		24V/250W	from 24V/250W to 24V/350W
Controller mount	leg	leg		leg	leg
Circuit board	MDD-1	SDD-2		SDD-2DP	SDD-2DP
Controller	potentiometer	digital		digital	digital



CLASSIC line

ID	41240079	41240021 or 41240020	41240033 or 41240032
Drum diameter	from Ø500 mm to Ø650 mm	from Ø720 mm to Ø1200 mm	from Ø720 mm to Ø1200 mm
Drive system	electric, manual-electric	electric	electric
Power supply	12V/110V or 12V/230V	110V or 230V	110V or 230V
Motor	24V/250W	0,37KW 400V, 0,55KW 400V, 0,75KW 400V	0,37KW 400V, 0,55KW 400V, 0,75KW 400V
Controller mount	leg	leg or top bar	leg or top bar
Circuit board	SDD-2DP	HE-02N	HES-02
Controller	digital	digital	potentiometer



Powder coated in red

PREMIUM line

ID	41240051	41240102	41240038
Drum diameter	Ø600 mm	from Ø720 mm to Ø1200 mm	from Ø720 mm to Ø1200 mm
Drive system	electric, manual-electric	electric	electric
Power supply	12V/110V or 12V/230V	110V or 230V	110V or 230V
Motor	24V/250W	0,55KW 400V, 0,75KW 400V	0,55KW 400V, 0,75KW 400V
Controller mount	leg	leg	leg
Circuit board	SDD-3	HE-03	HE-03
Controller	digital	LCD	LCD

Ø600



	MINIMA line W255B	MINIMA line W230B	OPTIMA line W230	OPTIMA line W231
ID				
Name	Radial honey extractor Ø600 mm, manual drive	Radial honey extractor Ø600 mm, electric drive	Radial honey extractor Ø600 mm, electric drive	Radial honey extractor Ø600 mm, manual+electric drive

TECHNICAL PARAMETERS

Drum diameter	Ø600 mm	Ø600 mm	Ø600 mm	Ø600 mm
Drive system	Manual	Electric	Electric	Manual + electric
Power supply	—	230V	12V/230V	12V/230V
Controller	—	MDD-01*	CDD*	CDD*
Motor	—	18V/80W	24V/250W	24V/250W

DRUM AND BASKET CONSTRUCTION

Thickness	drum 0,6 mm bottom 0,8 mm			
Honey gate	Plastic 6/4"	Plastic 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated			
Cover	3 mm acrylic glass			
Legs	Short, powder coated	Short, powder coated	Short, powder coated	Short, powder coated
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.
Basket material	Stainless rod Ø8 mm			
Reinforcing frame	None	None	None	None
Drum rim	None	None	None	None
Drum height	610 mm	610 mm	610 mm	610 mm

ADDITIONAL INFORMATION

Other	For self-assembly (shipped in carton)			
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* Possibility to install the left/right directional controller - additional fees apply

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number of frames (top bar: 25 mm standard, 35 mm hoffmann):
 Dadant 1/2 (H: 145 mm) — 20
 Dadant 1/2 (H: 160 mm) — 20
 Langstroth 1/2 - 20

Ø600



	CLASSIC line	CLASSIC line	PREMIUM line	PREMIUM line
ID	W255C	W216	W202P	W203P
Name	Radial honey extractor Ø600 mm, manual drive	Radial honey extractor Ø600 mm, electric drive	Radial honey extractor Ø600 mm, electric drive	Radial honey extractor Ø600 mm, manual+electric drive

TECHNICAL PARAMETERS				
Drum diameter	Ø600 mm	Ø600 mm	Ø600 mm	Ø600 mm
Drive system	Manual	Electric	Electric	Manual + electric
Power supply	—	12V/230V	12V/230V	12V/230V
Controller	—	SDD-2DP*	SDD-3*	SDD-3*
Motor	—	24V/250W	24V/350W	24V/350W

DRUM AND BASKET CONSTRUCTION				
Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	0,8 mm	0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm stainless	Flat bar 10 mm stainless
Cover	3 mm acrylic glass	3 mm acrylic glass	5 mm acrylic glass	5 mm acrylic glass
Legs	Long, powder coated	Long, powder coated	Long stainless	Long stainless
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Stainless 4 pcs.	Stainless 4 pcs.
Basket material	Stainless rod Ø8 mm	Stainless rod Ø8 mm	Stainless rod Ø10 mm	Stainless rod Ø10 mm
Reinforcing frame	Powder coated	Powder coated	Stainless	Stainless
Drum rim	Powder coated	Powder coated	Stainless	Stainless
Drum height	610 mm	610 mm	610 mm	610 mm

ADDITIONAL INFORMATION				
Other	Shipped on pallet (packed in carton)			

* Possibility to install the left/right directional controller - additional fees apply

number of frames (top bar: 25 mm standard, 35 mm hoffmann):

- Dadant 1/2 (H: 145 mm) — 20
- Dadant 1/2 (H: 160 mm) — 20
- Langstroth 1/2 - 20

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Ø650



	MINIMA line	MINIMA line	OPTIMA line	OPTIMA line
ID	W267R	W267	W268R	W268
Name	Radial honey extractor Ø650 mm, manual drive	Radial honey extractor Ø650 mm, electric drive	Radial honey extractor Ø650 mm, manual drive	Radial honey extractor Ø650 mm, electric drive

TECHNICAL PARAMETERS				
Drum diameter	Ø650 mm	Ø650 mm	Ø650 mm	Ø650 mm
Drive system	Manual	Electric	Manual	Electric
Power supply	—	230V	—	12V/230V
Controller	—	MDD-01*	—	CDD*
Motor	—	18V/80W	—	24V/250W

DRUM AND BASKET CONSTRUCTION				
Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm
Honey gate	Plastic 6/4"	Plastic 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm stainless	Flat bar 10 mm stainless
Cover	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass
Legs	Short, powder coated	Short, powder coated	Short, powder coated	Short, powder coated
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.
Basket material	Stainless rod Ø8 mm	Stainless rod Ø8 mm	Stainless rod Ø8 mm	Stainless rod Ø8 mm
Reinforcing frame	None	None	None	None
Drum rim	None	None	None	None
Drum height	610 mm	610 mm	610 mm	610 mm

ADDITIONAL INFORMATION				
Other	For self-assembly (shipped in carton)			

* Possibility to install the left/right directional controller - additional fees apply

number of frames (top bar: 25 mm standard, 35 mm hoffmann):
Langstroth — 9

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Ø650



	OPTIMA line	CLASSIC line	CLASSIC line	CLASSIC line
ID	W268RE	W270	W271	W271RE
Name	Radial honey extractor Ø650 mm, manual+electric drive	Radial honey extractor Ø650 mm, manual drive	Radial honey extractor Ø650 mm, electric drive	Radial honey extractor Ø650 mm, manual+electric drive

TECHNICAL PARAMETERS				
Drum diameter	Ø650 mm	Ø650 mm	Ø650 mm	Ø650 mm
Drive system	Manual + electric	Manual	Electric	Manual + electric
Power supply	12V/230V	—	12V/230V	12V/230V
Controller	CDD*	—	SDD-2DP*	SDD-2DP*
Motor	24V/250W	—	24V/250W	24V/250W

DRUM AND BASKET CONSTRUCTION				
Thickness	drum 0,6 mm bottom 0,8 mm			
Honey gate	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated			
Cover	3 mm acrylic glass			
Legs	Short, powder coated	Long, powder coated	Long, powder coated	Long, powder coated
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.
Basket material	Stainless rod Ø8 mm			
Reinforcing frame	None	Powder coated	Powder coated	Powder coated
Drum rim	None	Powder coated	Powder coated	Powder coated
Drum height	610 mm	610 mm	610 mm	610 mm

ADDITIONAL INFORMATION				
Other	For self-assembly (ship- pped in carton)	Shipped on pallet (packed in carton)	Shipped on pallet (packed in carton)	Shipped on pallet (packed in carton)

* Possibility to install the left/right directional controller - additional fees apply

number of frames (top bar: 25 mm standard, 35 mm hoffmann):
Langstroth — 9

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PAGE 234-235.

Ø650



	MINIMA line	MINIMA line	OPTIMA line	OPTIMA line
ID	W267R12	W267E12	W268R12	W268E12
Name	Radial honey extractor Ø650 mm, manual drive	Radial honey extractor Ø650 mm, electric drive	Radial honey extractor Ø650 mm, manual drive	Radial honey extractor Ø650 mm, electric drive

TECHNICAL PARAMETERS				
Drum diameter	Ø650 mm	Ø650 mm	Ø650 mm	Ø650 mm
Drive system	Manual	Electric	Manual	Electric
Power supply	—	230V	—	12V/230V
Controller	—	MDD-01*	—	CDD*
Motor	—	18V/80W	—	24V/250W

DRUM AND BASKET CONSTRUCTION				
Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm
Honey gate	Plastic 6/4"	Plastic 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm stainless	Flat bar 10 mm stainless
Cover	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass
Legs	Short, powder coated	Short, powder coated	Short, powder coated	Short, powder coated
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.
Basket material	Stainless rod Ø8 mm	Stainless rod Ø8 mm	Stainless rod Ø8 mm	Stainless rod Ø8 mm
Reinforcing frame	None	None	None	None
Drum rim	None	None	None	None
Drum height	610 mm	610 mm	610 mm	610 mm

ADDITIONAL INFORMATION				
Other	For self-assembly (shipped in carton)			

* Possibility to install the left/right directional controller - additional fees apply

number of frames (top bar: 25 mm standard, 35 mm hoffmann):
Langstroth — 12

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Ø650



	OPTIMA line	CLASSIC line	CLASSIC line	CLASSIC line
ID	W268RE12	W270R12	W271E12	W271RE12
Name	Radial honey extractor Ø650 mm, manual+electric drive	Radial honey extractor Ø650 mm, manual drive	Radial honey extractor Ø650 mm, electric drive	Radial honey extractor Ø650 mm, manual+electric drive

TECHNICAL PARAMETERS				
Drum diameter	Ø650 mm	Ø650 mm	Ø650 mm	Ø650 mm
Drive system	Manual + electric	Manual	Electric	Manual + electric
Power supply	12V/230V	—	12V/230V	12V/230V
Controller	CDD*	—	SDD-2DP*	SDD-2DP*
Motor	24V/250W	—	24V/250W	24V/250W

DRUM AND BASKET CONSTRUCTION				
Thickness	drum 0,6 mm bottom 0,8 mm			
Honey gate	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated			
Cover	3 mm acrylic glass			
Legs	Short, powder coated	Long, powder coated	Long, powder coated	Long, powder coated
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.
Basket material	Stainless rod Ø8 mm			
Reinforcing frame	None	Powder coated	Powder coated	Powder coated
Drum rim	None	Powder coated	Powder coated	Powder coated
Drum height	610 mm	610 mm	610 mm	610 mm

ADDITIONAL INFORMATION				
Other	For self-assembly (shipped in carton)	Shipped on pallet (packed in carton)	Shipped on pallet (packed in carton)	Shipped on pallet (packed in carton)

* Possibility to install the left/right directional controller - additional fees apply

number of frames (top bar: 25 mm standard, 35 mm hoffmann):
Langstroth — 12

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Ø720



	OPTIMA line	CLASSIC line	PREMIUM line
ID	W217	W20100G W201000G	W201000_P
Name	Radial honey extractor Ø720 mm, electric drive	Radial honey extractor Ø720 mm, electric drive, semi-automatic/au- tomatic	Radial honey extractor Ø720 mm, electric drive

TECHNICAL PARAMETERS			
Drum diameter	Ø720 mm	Ø720 mm	Ø720 mm
Drive system	Electric bottom	Electric top	Electric bottom
Power supply	12V/230V	230V	230V
Controller	SDD-2DP	HES-02* HE-02N*	HE-03
Motor	Belt drive 24v/350W	Motoreducer 0,37kW	Motoreducer 0,55KW

DRUM AND BASKET CONSTRUCTION			
Drum thickness	0,6 mm	0,6 mm	0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Powder coated plate	Flat bar 100x10 mm Powder coated	Flat bar 60x10 mm Stainless
Cover	4 mm acrylic glass	4 mm acrylic glass	8 mm acrylic glass
Legs	Powder coated 50x30 mm	Powder coated 50x30 mm	Stainless 50x30 mm
Hinges	Plastic 4 pcs.	Plastic 2 pcs.	Stainless 8 pcs.
Basket material	Stainless rod ø8 and ø6 mm	Stainless rod ø8 and ø6 mm	Stainless rod ø10 and ø8 mm
Reinforcing frame	Powder coated	Powder coated	Stainless
Drum rim	Powder coated	Powder coated	Stainless
Drum height	640 mm	640 mm	730 mm

ADDITIONAL INFORMATION			
Other	Shipped on pallet	Shipped on pallet	Shipped on pallet

* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

number of frames (top bar: 25 mm standard, 35 mm hoffmann):
Langstroth — 18
Dadant 1/2 (H: 145 or 160 mm) — 30
Deutsch Normal - 18

WARRANTY DETAILS,
PAGE 234-235.

Ø800



	MINIMA line	OPTIMA line	CLASSIC line	PREMIUM line
ID	W20050M	W218	W200500G W2005000G	W2005000_P
Name	Radial honey extractor Ø800 mm, electric drive	Radial honey extractor Ø800 mm, electric drive	Radial honey extractor Ø800 mm, electric drive, semi-automatic/automatic	Radial honey extractor Ø800 mm, electric drive

TECHNICAL PARAMETERS

Drum diameter	Ø800 mm	Ø800 mm	Ø800 mm	Ø800 mm
Drive system	Electric bottom	Electric bottom	Electric top	Electric bottom
Power supply	12V	12V/230V	230V	230V
Controller	SDD-2	SDD-2DP	HES-02* HE-02N*	HE-03
Motor	Belt drive 24V/350W	Belt drive 24V/350W	Motoreducer 0,37kW	Motoreducer 0,55kW

DRUM AND BASKET CONSTRUCTION

Drum thickness	0,6 mm	0,6 mm	0,6 mm	0,8 mm
Honey gate	Plastic 6/4"	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Powder coated plate	Powder coated plate	Flat bar 100x10 mm Powder coated	Flat bar 60x10 mm Stainless
Cover	4 mm acrylic glass	4 mm acrylic glass	4 mm acrylic glass	8 mm acrylic glass
Legs	Powder coated 40x27 mm	Powder coated 50x30 mm	Powder coated 50x30 mm	Stainless 50x30 mm
Hinges	Plastic 4 pcs.	Plastic 8 pcs.	Plastic 4 pcs.	Stainless 8 pcs.
Basket material	Stainless rod Ø8 and Ø6 mm	Stainless rod Ø8 and Ø6 mm	Stainless rod Ø8 and Ø6 mm	Stainless rod Ø10 and Ø8 mm
Reinforcing frame	Powder coated	Powder coated	Powder coated	Stainless
Drum rim	Powder coated	Powder coated	Powder coated	Stainless
Drum height	640 mm	640 mm	640 mm	730 mm

ADDITIONAL INFORMATION

Other	Shipped on pallet	Shipped on pallet	Shipped on pallet	Shipped on pallet
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* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

number of frames (top bar: 25 mm standard, 35 mm hoffmann):
Deutsch Normal – 30
Langstroth – 30
Dadant 1/2 – 30

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PAGE 234-235.

Ø900



	MINIMA line	OPTIMA line	CLASSIC line	PREMIUM line
ID	W20060M	W219	W200600G W2006000G	W2006000_P
Name	Radial honey extractor Ø900 mm, electric drive	Radial honey extractor Ø900 mm, electric drive	Radial honey extractor Ø900 mm, electric drive, semi-automatic/automatic	Radial honey extractor Ø900 mm, electric drive

TECHNICAL PARAMETERS

Drum diameter	Ø900 mm	Ø900 mm	Ø900 mm	Ø900 mm
Drive system	Electric bottom	Electric bottom	Electric top	Electric bottom
Power supply	12V	12V/230V	230V	230V
Controller	SDD-2	SDD-2DP	HES-02* HE-02N*	HE-03
Motor	Belt drive 24V/350W	Belt drive 24V/350W	motoreducer 0,55kW	motoreducer 0,55kW

DRUM AND BASKET CONSTRUCTION

Drum thickness	0,6 mm	0,6 mm	0,6 mm	0,8 mm
Honey gate	Plastic 6/4"	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Powder coated plate	Powder coated plate	Flat bar 100x10 mm Powder coated	Flat bar 60x10 mm Stainless
Cover	4 mm acrylic glass	4 mm acrylic glass	4 mm acrylic glass	8 mm acrylic glass
Legs	Powder coated 40x27 mm	Powder coated 50x30 mm	Powder coated 50x30 mm	Stainless 50x30 mm
Hinges	Plastic 4 pcs.	Plastic 8 pcs.	Plastic 4 pcs.	Stainless 8 pcs.
Basket material	Stainless rod Ø8 and Ø6 mm	Stainless rod Ø8 and Ø6 mm	Stainless rod Ø8 and Ø6 mm	Stainless rod Ø10 and Ø8 mm
Reinforcing frame	Powder coated	Powder coated	Powder coated	Stainless
Drum rim	Powder coated	Powder coated	Powder coated	Stainless
Drum height	640 mm	640 mm	640 mm	730 mm

ADDITIONAL INFORMATION

Other	Shipped on pallet	Shipped on pallet	Shipped on pallet	Shipped on pallet
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* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

number of frames (top bar: 25 mm standard, 35 mm hoffmann):
Deutsch Normal – 42
Langstroth – 42
Dadant/Dadant 1/2 – 24/42

WARRANTY DETAILS,
PAGE 234-235.

Ø1000



CLASSIC
line

CLASSIC
line

PREMIUM
line

ID	W200700	W2007000	W2007000_P
Name	Radial honey extractor Ø1000 mm, electric drive, semi-automatic	Radial honey extractor Ø1000 mm, electric drive, automatic	Radial honey extractor Ø1000 mm, electric drive

TECHNICAL PARAMETERS

Drum diameter	Ø1000 mm	Ø1000 mm	Ø1000 mm
Drive system	Electric bottom	Electric bottom	Electric bottom
Power supply	230V	230V	230V
Controller	HES-02*	HE-02N*	HE-03
Motor	Motoreducer 0,75kW	Motoreducer 0,75kW	Motoreducer 0,75kW

DRUM AND BASKET CONSTRUCTION

Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	0,8 mm
Honey gate	2x stainless 2"	2x stainless 2"	2x stainless 2"
Top bar	Flat bar 60x10 mm powder coated	Flat bar 60x10 mm powder coated	Flat bar 60x10 mm stainless
Cover	4 mm acrylic glass	4 mm acrylic glass	8 mm acrylic glass
Legs	Powder coated 60x40 mm	Powder coated 60x40 mm	Stainless 60x40 mm
Hinges	Plastic 8 pcs.	Plastic 8 pcs.	Stainless 8 pcs.
Basket material	Stainless rod Ø10 and Ø8 mm	Stainless rod Ø10 and Ø8 mm	Stainless rod Ø10 and flat bar 30x5 mm
Reinforcing frame	Powder coated	Powder coated	Stainless
Drum rim	Powder coated	Powder coated	Stainless
Drum height	680 mm	680 mm	730 mm

ADDITIONAL INFORMATION

Other	Shipped on pallet	Shipped on pallet	Shipped on pallet
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* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

number of frames (top bar: 25 mm standard, 35 mm hoffmann):
Deutsch Normal – 42
Langstroth – 42
Dadant / Dadant 1/2 – 36/42

WARRANTY DETAILS,
PAGE 234-235.

Ø1200



CLASSIC
line

CLASSIC
line

PREMIUM
line

ID	W200800	W2008000	W2008000_P
Name	Radial honey extractor Ø1200 mm, electric drive semi-automatic	Radial honey extractor Ø1200 mm, electric drive automatic	Radial honey extractor Ø1200 mm, electric drive

TECHNICAL PARAMETERS

Drum diameter	Ø1200 mm	Ø1200 mm	Ø1200 mm
Drive system	Electric bottom	Electric bottom	Electric bottom
Power supply	230V	230V	230V
Controller	HES-02*	HE-02N*	HE-03
Motor	motoreducer 0,75kW	motoreducer 0,75kW	motoreducer 0,75kW

DRUM AND BASKET CONSTRUCTION

Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	0,8 mm
Honey gate	2x stainless 2"	2x stainless 2"	2x stainless 2"
Top bar	Flat bar 60x10 mm powder coated	Flat bar 60x10 mm powder coated	Flat bar 60x10 mm stainless
Cover	5 mm acrylic glass	5 mm acrylic glass	8 mm acrylic glass
Legs	Powder coated 60x40 mm	Powder coated 60x40 mm	Stainless 60x40 mm
Hinges	Plastic 8 pcs.	Plastic 8 pcs.	Stainless 8 pcs.
Basket material	Stainless rod Ø8 and flat bar 30x5 mm	Stainless rod Ø8 and flat bar 30x5 mm	Stainless rod Ø10 and flat bar 30x5 mm
Reinforcing frame	Powder coated	Powder coated	Stainless
Drum rim	Powder coated	Powder coated	Stainless
Drum height	680 mm	680 mm	730 mm

ADDITIONAL INFORMATION

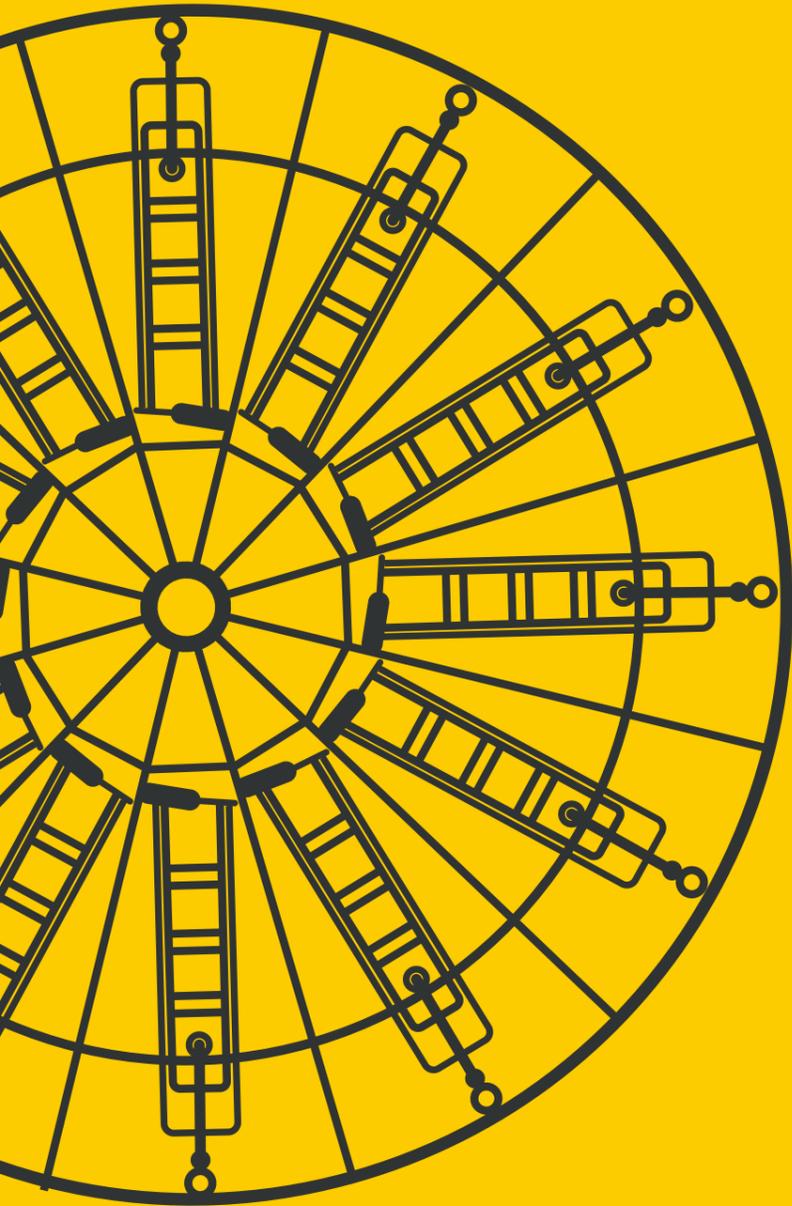
Other	Shipped on pallet	Shipped on pallet	Shipped on pallet
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* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

number of frames (top bar: 25 mm standard, 35 mm hoffmann):
Deutsch Normal – 56
Langstroth – 56
Dadant / Dadant 1/2 – 56/56

WARRANTY DETAILS,
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CASSETTE HONEY EXTRACTORS

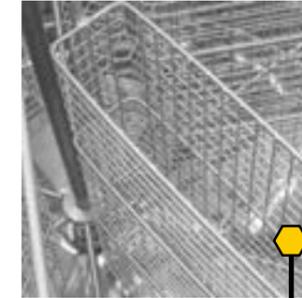


-  CASSETTE HONEY EXTRACTORS
-  STAINLESS STEEL ASTM 304
-  STAINLESS STEEL ACID - RESISTANT
-  APPLIANCES BEARING THE CE MARK
-  IMPORTANT INFORMATION

CLASSIC line



Safety lock - when the lid is opened, the honey extractor is stopped.



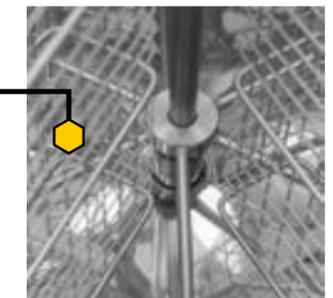
Large basket with 20x20mm mesh which allows spinning of D, D-dant US frames. 2 x D 1/2 frames can be inserted into the cassette. DNM-type frames can also be spun using spacer inserts.



Drum height 730 mm made of stainless steel, conical bottom, two 2" valves.



A modern controller, which allows you to change the direction of the basket, so that the cassette swings to the right side once to the left side, there is no need to manually rotate the frames! The controller has 10 automatic programmes and two manual programmes (right-left)



Basket made of rod 10mm and 8mm in acid-resistant stainless steel.



BASIC line		MINIMA line		OPTIMA line	
ID	zestaw_basic or zestaw_minima	41240151	ID	41240064	41240011
Drum diameter	from Ø600 mm to Ø650 mm	from Ø720 mm to Ø1000 mm	Drum diameter	from Ø600 mm to Ø650 mm	from Ø720 mm to Ø1200 mm
Drive system	electric	electric	Drive system	electric, manual-electric	manual-electric
Power supply	110V or 230V	12V	Power supply	12V/110V or 12V/230V	12V/110V or 12V/230V
Motor	18V/80W	from 24V/250W to 24V/350W	Motor	24V/250W	from 24V/250W to 24V/350W
Controller mount	top bar	top bar	Controller mount	top bar	leg
Circuit board	MDD-1	HE-01U	Circuit board	SDD-2DP	HE-01U
Controller	potentiometer	digital	Controller	digital	digital



CLASSIC line		PREMIUM line		
ID	41240021 or 41240020	41240033 or 41240032	ID	41240102
Drum diameter	from Ø720 mm to Ø1200 mm	from Ø720 mm to Ø1200 mm	Drum diameter	from Ø720 mm to Ø1200 mm
Drive system	electric	electric	Drive system	electric
Power supply	110V or 230V	110V or 230V	Power supply	110V or 230V
Motor	0,37 KW 400V, 0,55 KW 400V, 0,75 KW 400V	0,37KW 400V, 0,55KW 400V, 0,75KW 400V	Motor	0,55KW 400V, 0,75KW 400V
Controller mount	leg or top bar	leg or top bar	Controller mount	leg
Circuit board	HE-02N	HES-02	Circuit board	HE-03
Controller	digital	potentiometer	Controller	LCD
ID	41240023	41240035	ID	41240040
Drum diameter	Ø1200 mm	Ø1200 mm	Drum diameter	Ø1200 mm
Drive system	electric	electric	Drive system	electric
Power supply	110V or 230V	110V or 230V	Power supply	110V or 230V
Motor	1,1 KW 400V, 1,5 KW 400V	1,1 KW 400V, 1,5 KW 400V	Motor	1,1 KW 400V, 1,5 KW 400V
Controller mount	leg	leg	Controller mount	leg
Circuit board	HE-02N	HES-02	Circuit board	HE-03
Controller	digital	potentiometer	Controller	LCD

Powder coated in red

FOUR CASSETTE DADANT



	BASIC line	BASIC line	BASIC line	BASIC line
ID	W222BB	W222BBF	W223BB	W223BBF
Name	Honey extractor 4-cassette Ø600 mm manual	Honey extractor 4-cassette Ø650 mm manual	Honey extractor 4-cassette Ø600 mm electric	Honey extractor 4-cassette Ø650 mm electric

TECHNICAL PARAMETERS				
Type of frame	4x Dadant, 8x Dadant 1/2 (H=145 mm)	4x Dadant, 8x Dadant 1/2 (H=160 mm)	4x Dadant, 8x Dadant 1/2 (H=145 mm)	4x Dadant, 8x Dadant 1/2 (H=160 mm)
Drum diameter	Ø600 mm	Ø650 mm	Ø600 mm	Ø650 mm
Drive system	Manual	Manual	Electric	Electric
Power supply	—	—	230V	230V
Controller	—	—	MDD-01	MDD-01
Motor	—	—	18V/80W	18V/80W
DRUM AND BASKET CONSTRUCTION				
Thickness	drum 0,6 mm bottom 0,8 mm			
Honey gate	Plastic 6/4"	Plastic 6/4"	Plastic 6/4"	Plastic 6/4"
Top bar	Flat bar 10 mm powder coated			
Cover	3 mm acrylic glass			
Legs	Short, powder coated	Short, powder coated	Short, powder coated	Short, powder coated
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.
Reinforcing frame	None	None	None	None
Cassette material	Stainless rod Ø2 and Ø5 mm			
Drum rim	None	None	None	None
Drum height	735 mm	735 mm	735 mm	735 mm
ADDITIONAL INFORMATION				
Other	For self-assembly (shipped in carton)			

WARRANTY DETAILS, PAGE 234-235.

dimensions of frames:

Dadant — 435x300 mm
 Dadant 1/2 — 435x145 mm (600mm)
 Dadant 1/2 — 435x160mm (650mm)

dimensions of cassettes:

440x305 mm (600mm)
 440x330mm (650mm)

FOUR CASSETTE DADANT



MINIMA
line

W222BV



MINIMA
line

W223BV

ID	W222BV	W223BV
Name	Honey extractor 4-cassette Ø600 mm manual	Honey extractor 4-cassette Ø600 mm electric

TECHNICAL PARAMETERS

	W222BV	W223BV
Type of frame	4x Dadant, 8x Dadant 1/2 (H=145 mm)	4x Dadant, 8x Dadant 1/2 (H=145 mm)
Drum diameter	Ø600 mm	Ø600 mm
Drive system	Manual	Electric
Power supply	—	230V
Controller	—	MDD-01
Motor	—	18V/80W

DRUM AND BASKET CONSTRUCTION

	W222BV	W223BV
Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated
Cover	3 mm acrylic glass	3 mm acrylic glass
Legs	Short, powder coated	Short, powder coated
Hinges	Plastic 4 pcs.	Plastic 4 pcs.
Reinforcing frame	None	None
Cassette material	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm
Drum rim	None	None
Drum height	735 mm	735 mm

ADDITIONAL INFORMATION

Other	For self-assembly (shipped in carton)	For self-assembly (shipped in carton)
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dimensions of frames:
Dadant — 435x300 mm
Dadant 1/2 — 435x145 mm

dimensions of cassettes:
440x305 mm

 WARRANTY DETAILS,
PAGE 234-235.

FOUR CASSETTE DADANT



OPTIMA
line

W222M



OPTIMA
line

W223S



OPTIMA
line

W221MS

ID	W222M	W223S	W221MS
Name	Honey extractor 4-cassette Ø600 mm manual	Honey extractor 4-cassette Ø600 mm electric	Honey extractor 4-cassette Ø600 mm manual+electric

TECHNICAL PARAMETERS

	W222M	W223S	W221MS
Type of frame	4x Dadant, 8x Dadant 1/2 (H: 145 mm)	4x Dadant, 8x Dadant 1/2 (H: 145 mm)	4x Dadant, 8x Dadant 1/2 (H: 145 mm)
Drum diameter	Ø600 mm	Ø600 mm	Ø600 mm
Drive system	Manual	Electric	Manual + electric
Power supply	—	230V	230V
Controller	—	CDD	CDD
Motor	—	24V/250W	24V/250W

DRUM AND BASKET CONSTRUCTION

	W222M	W223S	W221MS
Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated
Cover	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass
Legs	Short, powder coated	Short, powder coated	Short, powder coated
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.
Reinforcing frame	None	None	None
Cassette material	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm
Drum rim	None	None	None
Drum height	735 mm	735 mm	735 mm

ADDITIONAL INFORMATION

Warranty	3 years	3 years	3 years
Other	For self-assembly (shipped in carton)	For self-assembly (shipped in carton)	For self-assembly (shipped in carton)

dimensions of frames:
Dadant — 435x300 mm
Dadant 1/2 — 435x145 mm

dimensions of cassettes:
440x305 mm

 WARRANTY DETAILS,
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FOUR CASSETTE DADANT



	OPTIMA line W222M_I	OPTIMA line W223S_I	OPTIMA line W221MS_I
ID	W222M_I	W223S_I	W221MS_I
Name	Honey extractor 4-cassette Ø650 mm manual	Honey extractor 4-cassette Ø650 mm electric	Honey extractor 4-cassette Ø650 mm manual+electric
TECHNICAL PARAMETERS			
Type of frame	4x Dadant, 8x Dadant 1/2 (H=160 mm)	4x Dadant, 8x Dadant 1/2 (H=160 mm)	4x Dadant, 8x Dadant 1/2 (H=160 mm)
Drum diameter	Ø650 mm	Ø650 mm	Ø650 mm
Drive system	Manual	Electric	Manual + electric
Power supply	—	230V	230V
Controller	—	CDD	CDD
Motor	—	24V/250W	24V/250W
DRUM AND BASKET CONSTRUCTION			
Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated	Flat bar 10 mm powder coated
Cover	3 mm acrylic glass	3 mm acrylic glass	3 mm acrylic glass
Legs	Short, powder coated	Short, powder coated	Short, powder coated
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Plastic 4 pcs.
Reinforcing frame	None	None	None
Cassette material	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm
Drum rim	None	None	None
Drum height	735 mm	735 mm	735 mm
ADDITIONAL INFORMATION			
Other	For self-assembly (shipped in carton)	For self-assembly (shipped in carton)	For self-assembly (shipped in carton)

dimensions of frames:
Dadant — 435x300 mm
Dadant 1/2 — 435x160 mm

dimensions of cassettes:
440x330 mm

WARRANTY DETAILS,
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FOUR CASSETTE DADANT



	MINIMA line W2013MKN	OPTIMA line W2013KN	CLASSIC line W2013K0MR W2013K00MR	PREMIUM line W2013K00MR_P
ID	W2013MKN	W2013KN	W2013K0MR W2013K00MR	W2013K00MR_P
Name	Honey extractor 4-cassette Ø800 mm, electric drive	Honey extractor 4-cassette Ø800 mm, electric drive	Honey extractor 4-cassette Ø800 mm, electric drive	Honey extractor 4-cassette Ø800 mm, electric drive
TECHNICAL PARAMETERS				
Type of frame	4x Dadant, 8x Dadant 1/2	4x Dadant, 8x Dadant 1/2	4x Dadant, 8x Dadant 1/2	4x Dadant, 8x Dadant 1/2
Drum diameter	Ø800 mm	Ø800 mm	Ø800 mm	Ø800 mm
Drive system	Electric bottom	Electric bottom	Electric bottom	Electric bottom
Power supply	12V	12V/230V	230V	230V
Controller	HE-01U	HE-01U	HES-02* HE-02N*	HE-03
Motor	Belt drive 24V/280W	Belt drive 24V/280W	Motoreducer 0,37kW	Motoreducer 0,55kW
DRUM AND BASKET CONSTRUCTION				
Drum thickness	0,6 mm	0,6 mm	0,6 mm	0,8 mm
Honey gate	Plastic 6/4"	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Powder coated plate	Powder coated plate	Powder coated plate	Flat bar 60x10 mm stainless
Cover	4 mm acrylic glass	4 mm acrylic glass	4 mm acrylic glass	8 mm acrylic glass
Legs	Powder coated 40x27 mm	Powder coated 50x30 mm	Powder coated 50x30 mm	Stainless 50x30 mm
Hinges	Plastic 4 pcs.	Plastic 8 pcs.	Plastic 8 pcs.	Stainless 8 pcs.
Reinforcing frame	Powder coated	Powder coated	Powder coated	Stainless
Cassette material	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated	Powder coated	Powder coated	Stainless
Drum height	730 mm	730 mm	730 mm	780 mm
ADDITIONAL INFORMATION				
Other	Shipped on pallet	Shipped on pallet	Shipped on pallet	Shipped on pallet

* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

dimensions of frames:
Dadant — 435x300 mm
Dadant 1/2 — 435x160 mm

dimensions of cassettes:
425x325 mm

WARRANTY DETAILS,
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FOUR CASSETTE DADANT



OPTIMA
line

CLASSIC
line

PREMIUM
line

ID	W201300KN	W201300K00MR	W20180MR	W20180MR_P
Name	4-cassette honey extractor Ø900 mm, electric drive	4-cassette honey extractor Ø900 mm, electric drive, semi-automatic/automatic		4-cassette honey extractor Ø900 mm electric drive

TECHNICAL PARAMETERS

Type of frame	4x Dadant, 8x Dadant 1/2	4x Dadant, 8x Dadant 1/2	4x Dadant, 8x Dadant 1/2
Drum diameter	Ø900 mm	Ø900 mm	Ø900 mm
Drive system	Electric bottom	Electric bottom	Electric bottom
Power supply	12V/230V	230V	230V
Controller	HE-01U	HES-02* HE-02N*	HE-03
Motor	Belt drive 24V/280W	Motoreducer 0,37kW	Motoreducer 0,55kW

DRUM AND BASKET CONSTRUCTION

Drum thickness	0,6 mm	0,6 mm	0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Powder coated plate	Powder coated plate	Flat bar 60x10 mm stainless
Cover	4 mm acrylic glass	4 mm acrylic glass	8 mm acrylic glass
Legs	Powder coated 50x30 mm	Powder coated 50x30 mm	Stainless 50x30 mm
Hinges	Plastic 8 pcs.	Plastic 8 pcs.	Stainless 8 pcs.
Reinforcing frame	Powder coated	Powder coated	Stainless
Cassette material	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated	Powder coated	Stainless
Drum height	730 mm	730 mm	780 mm

ADDITIONAL INFORMATION

Other	Shipped on pallet	Shipped on pallet	Shipped on pallet
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* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

dimensions of frames:
Dadant — 435x300 mm
Dadant 1/2 — 435x160 mm

dimensions of cassettes:
425x340 mm

WARRANTY DETAILS,
PAGE 234-235.

SIX CASSETTE DADANT



MINIMA
line

OPTIMA
line

CLASSIC
line

PREMIUM
line

ID	W2014MKN	W2014KN	W20540	W205400	W205400_P
Name	6-cassette honey extractor Ø1000 mm electric	6-cassette honey extractor Ø1000 mm electric	6-cassette honey extractor Ø1000 mm electric		6-cassette honey extractor Ø1000 mm electric

TECHNICAL PARAMETERS

Type of frame	6x Dadant, 12x Dadant 1/2			
Drum diameter	Ø1000 mm	Ø1000 mm	Ø1000 mm	Ø1000 mm
Drive system	Electric bottom	Electric bottom	Electric bottom	Electric bottom
Power supply	12V	12V/230V	230V	230V
Controller	HE-01U	HE-01U	HES-02* HE-02N*	HE-03
Motor	Belt drive 24V/350W	Belt drive 24V/350W	Motoreducer 0,37kW	Motoreducer 0,55kW

DRUM AND BASKET CONSTRUCTION

Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	0,8 mm
Honey gate	2x plastic 2"	2x stainless 2"	2x stainless 2"	2x stainless 2"
Top bar	Flat bar 60x10 mm powder coated	Flat bar 60x10 mm powder coated	Flat bar 60x10 mm powder coated	Flat bar 60x10 mm stainless
Cover	4 mm acrylic glass	4 mm acrylic glass	4 mm acrylic glass	8 mm acrylic glass
Legs	Powder coated 40x27 mm	Powder coated 50x30 mm	Powder coated 60x40 mm	Stainless 60x40 mm
Hinges	Plastic 8 pcs.	Plastic 8 pcs.	Plastic 8 pcs.	Stainless 8 pcs.
Reinforcing frame	Powder coated	Powder coated	Powder coated	Stainless
Cassette material	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated	Powder coated	Powder coated	Stainless
Drum height	730 mm	730 mm	730 mm	780 mm

ADDITIONAL INFORMATION

Other	Shipped on pallet	Shipped on pallet	Shipped on pallet	Shipped on pallet
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* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

dimensions of frames:
Dadant — 435x300 mm
Dadant 1/2 — 435x160 mm

dimensions of cassettes:
425x340 mm

WARRANTY DETAILS,
PAGE 234-235.

EIGHT CASSETTE DADANT



MINIMA
line

W2015MKN

8-cassette honey extractor
Ø1000 mm, electric drive



OPTIMA
line

W2015KN

8-cassette honey extractor
Ø1000 mm, electric drive



CLASSIC
line

W20560 **W205600**

8-cassette honey extractor
Ø1000 mm, electric drive,
semi-automatic/automatic

TECHNICAL PARAMETERS

	MINIMA line	OPTIMA line	CLASSIC line
Type of frame	8x Dadant, 16x Dadant 1/2	8x Dadant, 16x Dadant 1/2	8x Dadant, 16x Dadant 1/2
Drum diameter	Ø1000 mm	Ø1000 mm	Ø1000 mm
Drive system	Electric bottom	Electric bottom	Electric bottom
Power supply	12V	12V/230V	230V
Controller	HE-01U	HE-01U	HES-02* HE-02N*
Motor	Belt drive 24V/350W	Belt drive 24V/350W	Motoreducer 0,55kW

DRUM AND BASKET CONSTRUCTION

	MINIMA line	OPTIMA line	CLASSIC line
Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm
Honey gate	2x plastic 2"	2x stainless 2"	2x stainless 2"
Top bar	Flat bar 60x10 mm powder coated	Flat bar 60x10 mm powder coated	Flat bar 60x10 mm powder coated
Cover	4 mm acrylic glass	4 mm acrylic glass	4 mm acrylic glass
Legs	Powder coated 40x27 mm	Powder coated 50x30 mm	Powder coated 60x40 mm
Hinges	Plastic 8 pcs.	Plastic 8 pcs.	Plastic 8 pcs.
Reinforcing frame	Powder coated	Powder coated	Powder coated
Cassette material	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm
Drum rim	Powder coated	Powder coated	Powder coated
Drum height	730 mm	730 mm	730 mm

ADDITIONAL INFORMATION

Other	MINIMA line	OPTIMA line	CLASSIC line
	Shipped on pallet	Shipped on pallet	Shipped on pallet

* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

WARRANTY DETAILS,
PAGE 234-235.

dimensions of frames:
Dadant — 435x300 mm
Dadant 1/2 — 435x160 mm

dimensions of cassettes:
425x340 mm

EIGHT CASSETTE DADANT



CLASSIC
line

W20550

8-cassette honey extractor Ø1200 mm, electric drive,
semi-automatic/automatic



PREMIUM
line

W205500_P

8-cassette honey extractor Ø1200 mm
electric drive

TECHNICAL PARAMETERS

	CLASSIC line	PREMIUM line
Type of frame	8x Dadant, 16x Dadant 1/2	8x Dadant, 16x Dadant 1/2
Drum diameter	Ø1200 mm	Ø1200 mm
Drive system	Electric bottom	Electric bottom
Power supply	230V	230V
Controller	HES-02* HE-02N*	HE-03
Motor	Motoreducer 0,55kW	Motoreducer 0,75kW

DRUM AND BASKET CONSTRUCTION

	CLASSIC line	PREMIUM line
Thickness	drum 0,6 mm bottom 0,8 mm	0,8 mm
Honey gate	2x stainless 2"	2x stainless 2"
Top bar	Flat bar 60x10 mm powder coated	Flat bar 60x10 mm stainless
Cover	5 mm acrylic glass	8 mm acrylic glass
Legs	Powder coated 60x40 mm	Long stainless 60x40 mm
Hinges	Plastic 8 pcs.	Stainless 8 pcs.
Reinforcing frame	Powder coated	Stainless
Cassette material	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated	Stainless
Drum height	730 mm	780 mm

ADDITIONAL INFORMATION

Other	CLASSIC line	PREMIUM line
	Shipped on pallet	Shipped on pallet

* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

WARRANTY DETAILS,
PAGE 234-235.

dimensions of frames:
Dadant — 435x300 mm
Dadant 1/2 — 435x160 mm

dimensions of cassettes:
425x340 mm

TWELVE CASSETTE DADANT



CLASSIC
line



PREMIUM
line

ID	W2057B	W20570B	W20570B_P
Name	12-cassette honey extractor Ø1200 mm, electric drive, semi-automatic/automatic		12-cassette honey extractor Ø1200 mm, electric drive
TECHNICAL PARAMETERS			
Type of frame	12x Dadant, 24x Dadant 1/2		12x Dadant, 24x Dadant 1/2
Drum diameter	Ø1200 mm		Ø1200 mm
Drive system	Electric bottom		Electric bottom
Power supply	230V		230V
Controller	HES-02*	HE-02N*	HE-03
Motor	Motoreducer 0,75kW		Motoreducer 1,1kW
DRUM AND BASKET CONSTRUCTION			
Drum thickness	0,8 mm		0,8 mm
Honey gate	2x stainless 2"		2x stainless 2"
Top bar	Flat bar 60x10 mm powder coated		Flat bar 60x10 mm stainless
Cover	5 mm acrylic glass		8 mm acrylic glass
Legs	Powder coated 60x40 mm		Long stainless 60x40 mm
Hinges	Plastic 8 pcs.		Stainless 8 pcs.
Reinforcing frame	Powder coated		Stainless
Cassette material	Stainless rod Ø3 and Ø6 mm		Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated		Stainless
Drum height	780 mm		780 mm
ADDITIONAL INFORMATION			
Other	Basket with partitions, shipped on pallet		Basket with partitions, shipped on pallet

* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

dimensions of frames:
Dadant — 435x300 mm
Dadant 1/2 — 435x160 mm

dimensions of cassettes:
425x340 mm

WARRANTY DETAILS,
PAGE 234-235.

SIXTEEN CASSETTE DADANT



CLASSIC
line



PREMIUM
line

ID	W20300B	W203000B	W203000B_P
Name	16-cassette honey extractor Ø1200 mm, electric drive, semi-automatic/automatic		16-cassette honey extractor Ø1200 mm, electric drive
TECHNICAL PARAMETERS			
Type of frame	16x Dadant, 32x Dadant 1/2		16x Dadant, 32x Dadant 1/2
Drum diameter	Ø1200 mm		Ø1200 mm
Drive system	Electric bottom		Electric bottom
Power supply	230V		230V
Controller	HES-02*	HE-02N*	HE-03
Motor	Motoreducer 1,5kW		Motoreducer 1,5kW
DRUM AND BASKET CONSTRUCTION			
Drum thickness	0,8 mm		0,8 mm
Honey gate	2x stainless 2"		2x stainless 2"
Top bar	Flat bar 60x10 mm powder coated		Flat bar 60x10 mm stainless
Cover	5 mm acrylic glass		8 mm acrylic glass
Legs	Powder coated 60x40 mm		Long stainless 60x40 mm
Hinges	Plastic 8 pcs.		Stainless 8 pcs.
Reinforcing frame	Powder coated		Stainless
Cassette material	Stainless rod Ø3 and Ø6 mm		Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated		Stainless
Drum height	780 mm		780 mm
ADDITIONAL INFORMATION			
Other	Basket with partitions, shipped on pallet		Basket with partitions, shipped on pallet

* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

dimensions of frames:
Dadant — 435x300 mm
Dadant 1/2 — 435x160 mm

dimensions of cassettes:
425x325 mm

WARRANTY DETAILS,
PAGE 234-235.

FOUR CASSETTE LANGSTROTH



OPTIMA
line

CLASSIC
line

PREMIUM
line

ID	W2013000KN	W2013000KFMR	W201300AMR	W201300AMR_P
Name	4-cassette honey extractor Ø720 mm, electric drive	4-cassette honey extractor Ø720 mm, electric drive, semi-automatic/automatic		4-cassette honey extractor Ø720 mm, electric drive
TECHNICAL PARAMETERS				
Type of frame	4x Langstroth	4x Langstroth	4x Langstroth	4x Langstroth
Drum diameter	Ø720 mm	Ø720 mm	Ø720 mm	Ø720 mm
Drive system	Electric bottom	Electric bottom	Electric bottom	Electric bottom
Power supply	12V/230V	230V	230V	230V
Controller	HE-01U	HES-02*	HE-02N*	HE-03
Motor	Belt drive 24V/250W	Motoreducer 0,37kW	Motoreducer 0,55kW	Motoreducer 0,55kW
DRUM AND BASKET CONSTRUCTION				
Drum thickness	0,6 mm	0,6 mm	0,8 mm	0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Powder coated plate	Powder coated plate	Flat bar 60x10 mm stainless	Flat bar 60x10 mm stainless
Cover	4 mm acrylic glass	4 mm acrylic glass	8 mm acrylic glass	8 mm acrylic glass
Legs	Powder coated 50x30 mm	Powder coated 50x30 mm	Stainless 50x30 mm	Stainless 50x30 mm
Hinges	Plastic 4 pcs.	Plastic 4 pcs.	Stainless 8 pcs.	Stainless 8 pcs.
Reinforcing frame	Powder coated	Powder coated	Stainless	Stainless
Cassette material	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø3 and Ø6 mm	Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated	Powder coated	Stainless	Stainless
Drum height	730 mm	730 mm	780 mm	780 mm
ADDITIONAL INFORMATION				
Other	Shipped on pallet	Shipped on pallet	Shipped on pallet	Shipped on pallet

* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

WARRANTY DETAILS,
PAGE 234-235.

dimensions of frames:
Langstroth - 450x230 mm

dimensions of cassettes:
Langstroth - 440x250 mm

SIX CASSETTE LANGSTROTH



OPTIMA
line

CLASSIC
line

PREMIUM
line

ID	W2013KAN	W20501G	W205001G	W205001_P
Name	6-cassette honey extractor Ø800 mm electric	6-cassette honey extractor Ø800 mm electric, semi-automatic/ automatic		6-cassette honey extractor Ø800 mm electric
TECHNICAL PARAMETERS				
Type of frame	6x Langstroth	6x Langstroth	6x Langstroth	6x Langstroth
Drum diameter	Ø800 mm	Ø800 mm	Ø800 mm	Ø800 mm
Drive system	Electric bottom	Electric top	Electric top	Electric bottom
Power supply	12V/230V	230V	230V	230V
Controller	HE-01U	HES-02*	HE-02N*	HE-03
Motor	Belt drive 24V/350W	Motoreducer 0,37kW	Motoreducer 0,37kW	Motoreducer 0,55kW
DRUM AND BASKET CONSTRUCTION				
Drum thickness	0,6 mm	0,6 mm	0,6 mm	0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"	Stainless 6/4"
Top bar	Powder coated plate	Flat bar 100x10 mm powder coated	Flat bar 100x10 mm powder coated	Flat bar 60x10 mm stainless
Cover	4 mm acrylic glass	4 mm acrylic glass	4 mm acrylic glass	8 mm acrylic glass
Legs	Powder coated 50x30 mm	Powder coated 50x30 mm	Powder coated 50x30 mm	Stainless 50x30 mm
Hinges	Plastic 8 pcs.	Plastic 4 pcs.	Plastic 4 pcs.	Stainless 8 pcs.
Reinforcing frame	Powder coated	Powder coated	Powder coated	Stainless
Cassette material	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated	Powder coated	Powder coated	Stainless
Drum height	730 mm	730 mm	730 mm	780 mm
ADDITIONAL INFORMATION				
Other	Shipped on pallet	Shipped on pallet	Shipped on pallet	Shipped on pallet

* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

WARRANTY DETAILS,
PAGE 234-235.

dimensions of frames:
Langstroth — 450x230 mm

dimensions of cassettes:
440x250 mm

EIGHT CASSETTE LANGSTROTH



	MINIMA line	OPTIMA line	CLASSIC line		PREMIUM line
ID	W2015MKN_LN	W201601KN	W20161	W201601	W201601_P
Name	8-cassette honey extractor Ø1000 mm electric	8-cassette honey extractor Ø1000 mm, electric drive	8-cassette honey extractor Ø1000 mm, electric drive, semi-automatic/automatic		8-cassette honey extractor Ø1000 mm, electric drive
TECHNICAL PARAMETERS					
Type of frame	8x Langstroth	8x Langstroth	8x Langstroth	8x Langstroth	8x Langstroth
Drum diameter	Ø1000 mm	Ø1000 mm	Ø1000 mm	Ø1000 mm	Ø1000 mm
Drive system	Electric bottom	Electric bottom	Electric bottom	Electric bottom	Electric bottom
Power supply	12V	12V/230V	230V	230V	230V
Controller	HE-01U	HE-01U	HES-02*	HE-02N*	HE-03
Motor	Belt drive 24V/350W	Belt drive 24V/350W	Motoreducer 0,55kW	Motoreducer 0,75kW	Motoreducer 0,75kW
DRUM AND BASKET CONSTRUCTION					
Thickness	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	drum 0,6 mm bottom 0,8 mm	0,8 mm	0,8 mm
Honey gate	2x plastic 2"	2x stainless 2"	2x stainless 2"	2x stainless 2"	2x stainless 2"
Top bar	Flat bar 60x10 mm powder coated	Flat bar 60x10 mm powder coated	Flat bar 60x10 mm powder coated	Flat bar 60x10 mm stainless	Flat bar 60x10 mm stainless
Cover	4 mm acrylic glass	4 mm acrylic glass	4 mm acrylic glass	8 mm acrylic glass	8 mm acrylic glass
Legs	Powder coated 40x27 mm	Powder coated 50x30 mm	Powder coated 60x40 mm	Stainless 60x40 mm	Stainless 60x40 mm
Hinges	Plastic 8 pcs.	Plastic 8 pcs.	Plastic 8 pcs.	Stainless 8 pcs.	Stainless 8 pcs.
Reinforcing frame	Powder coated	Powder coated	Powder coated	Stainless	Stainless
Cassette material	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø3 and Ø6 mm	Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated	Powder coated	Powder coated	Stainless	Stainless
Drum height	730 mm	730 mm	730 mm	780 mm	780 mm
ADDITIONAL INFORMATION					
Other	Shipped on pallet	Shipped on pallet	Shipped on pallet	Shipped on pallet	Shipped on pallet

* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

WARRANTY DETAILS,
PAGE 234-235.

dimensions of frames:
Langstroth — 450x230 mm

dimensions of cassettes:
440x250 mm

TWELVE CASSETTE LANGSTROTH



	CLASSIC line	PREMIUM line
ID	W205301B	W2053001B_P
Name	12-cassette honey extractor Ø1000 mm, electric drive, semi-automatic/automatic	12-cassette honey extractor Ø1000 mm, electric drive
TECHNICAL PARAMETERS		
Type of frame	12x Langstroth	12x Langstroth
Drum diameter	Ø1000 mm	Ø1000 mm
Drive system	Electric bottom	Electric bottom
Power supply	230V	230V
Controller	HES-02*	HE-02N*
Motor	Motoreducer 0,75kW	Motoreducer 0,75kW
DRUM AND BASKET CONSTRUCTION		
Drum thickness	0,8 mm	0,8 mm
Honey gate	2x stainless 2"	2x stainless 2"
Top bar	Flat bar 60x10 mm powder coated	Flat bar 60x10 mm stainless
Cover	4 mm acrylic glass	8 mm acrylic glass
Legs	Powder coated 60x40 mm	Long stainless 60x40 mm
Hinges	Plastic 8 pcs.	Stainless 8 pcs.
Reinforcing frame	Powder coated	Stainless
Cassette material	Stainless rod Ø3 and Ø6 mm	Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated	Stainless
Drum height	780 mm	780 mm
ADDITIONAL INFORMATION		
Other	Basket with partitions, shipped on pallet	Basket with partitions, shipped on pallet

* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

WARRANTY DETAILS,
PAGE 234-235.

dimensions of frames:
Langstroth — 450x230 mm

dimensions of cassettes:
440x250 mm

SIXTEEN CASSETTE LANGSTROTH



CLASSIC
line



PREMIUM
line

ID	W205201B	W2052001B	W2052001B_P
Name	16-cassette honey extractor Ø1200 mm, electric drive, semi-automatic/automatic		16-cassette honey extractor Ø1200 mm, electric drive
TECHNICAL PARAMETERS			
Type of frame	16x Langstroth		16x Langstroth
Drum diameter	Ø1200 mm		Ø1200 mm
Drive system	Electric bottom		Electric bottom
Power supply	230V		230V
Controller	HES-02*	HE-02N*	HE-03
Motor	Motoreducer 1,5kW		Motoreducer 1,5kW
DRUM AND BASKET CONSTRUCTION			
Drum thickness	0,8 mm		0,8 mm
Honey gate	2x stainless 2"		2x stainless 2"
Top bar	Flat bar 60x10 mm powder coated		Flat bar 60x10 mm stainless
Cover	5 mm acrylic glass		8 mm acrylic glass
Legs	Powder coated 60x40 mm		Long stainless 60x40 mm
Hinges	Plastic 8 pcs.		Stainless 8 pcs.
Reinforcing frame	Powder coated		Stainless
Cassette material	Stainless rod Ø3 and Ø6 mm		Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated		Stainless
Drum height	780 mm		780 mm
ADDITIONAL INFORMATION			
Other	Basket with partitions, shipped on pallet		Basket with partitions, shipped on pallet

* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

 WARRANTY DETAILS,
PAGE 234-235.

dimensions of frames: Langstroth — 450x230 mm
dimensions of cassettes: 440x250 mm

TWENTY CASSETTE LANGSTROTH



CLASSIC
line



PREMIUM
line

ID	W209901B	W2099001B	W2099001B_P
Name	20-cassette honey extractors Ø1200 mm electric, semi-automatic/automatic		20-cassette honey extractors Ø1200 mm electric drive
TECHNICAL PARAMETERS			
Type of frame	20x Langstroth		20x Langstroth
Drum diameter	Ø1200 mm		Ø1200 mm
Drive system	Electric bottom		Electric bottom
Power supply	230V		230V
Controller	HES-02*	HE-02N*	HE-03
Motor	Motoreducer 1,5kW		Motoreducer 1,5kW
DRUM AND BASKET CONSTRUCTION			
Drum thickness	0,8 mm		0,8 mm
Honey gate	2x stainless 2"		2x stainless 2"
Top bar	Flat bar 60x10 mm powder coated		Flat bar 60x10 mm stainless
Cover	5 mm acrylic glass		8 mm acrylic glass
Legs	Powder coated 60x40 mm		Long stainless 60x40 mm
Hinges	Plastic 8 pcs.		Stainless 8 pcs.
Reinforcing frame	Powder coated		Stainless
Cassette material	Stainless rod Ø3 and Ø6 mm		Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated		Stainless
Drum height	780 mm		780 mm
ADDITIONAL INFORMATION			
Other	Basket with partitions, shipped on pallet		Basket with partitions, shipped on pallet

* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

 WARRANTY DETAILS,
PAGE 234-235.

dimensions of frames: Langstroth — 450x230 mm
dimensions of cassettes: 440x250 mm

FOUR CASSETTE DEUTSCH NORMAL



OPTIMA
line

CLASSIC
line

PREMIUM
line

ID	W20130KN_DNM	W20130KFMR_DNM	W20130AMR_DNM	W20130AMR_P_DNM
Name	4-cassette honey extractor Ø720 mm, electric drive	4-cassette honey extractors Ø720 mm, electric drive, semi-automatic/automatic		4-cassette honey extractor Ø720 mm, electric drive
TECHNICAL PARAMETERS				
Type of frame	4x Deutsch Normal	4x Deutsch Normal		4x Deutsch Normal
Drum diameter	Ø720 mm	Ø720 mm		Ø720 mm
Drive system	Electric bottom	Electric bottom		Electric bottom
Power supply	12V/230V	230V		230V
Controller	HE-01U	HES-02*	HE-02N*	HE-03
Motor	Belt drive 24V/250W	Motoreducer 0,37kW		Motoreducer 0,55kW
DRUM AND BASKET CONSTRUCTION				
Drum thickness	0,6 mm	0,6 mm		0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"		Stainless 6/4"
Top bar	Powder coated plate	Powder coated plate		Flat bar 60x10 mm stainless
Cover	4 mm acrylic glass	4 mm acrylic glass		8 mm acrylic glass
Legs	Powder coated 50x30 mm	Powder coated 50x30 mm		Stainless 50x30 mm
Hinges	Plastic 4 pcs.	Plastic 4 pcs.		Stainless 8 pcs.
Reinforcing frame	Powder coated	Powder coated		Stainless
Cassette material	Stainless rod Ø3 and Ø5 mm	Stainless rod Ø3 and Ø5 mm		Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated	Powder coated		Stainless
Drum height	640 mm	640 mm		730 mm
ADDITIONAL INFORMATION				
Other	Shipped on pallet	Shipped on pallet		Shipped on pallet

* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

SIX CASSETTE DEUTSCH NORMAL



OPTIMA
line

CLASSIC
line

PREMIUM
line

ID	W2013KBN_DNM	W20500G_DNM	W205000G_DNM	W205000_P_DNM
Name	6-cassette honey extractor Ø800 mm, electric drive	6-cassette honey extractor Ø800 mm, electric drive, semi-automatic/automatic		6-cassette honey extractor Ø800 mm, electric drive
TECHNICAL PARAMETERS				
Type of frame	6x Deutsch Normal	6x Deutsch Normal		6x Deutsch Normal
Drum diameter	Ø800 mm	Ø800 mm		Ø800 mm
Drive system	Electric bottom	Electric top		Electric bottom
Power supply	12V/230V	230V		230V
Controller	HE-01U	HES-02*	HE-02N*	HE-03
Motor	Belt drive 24V/350W	Motoreducer 0,37kW		Motoreducer 0,55kW
DRUM AND BASKET CONSTRUCTION				
Drum thickness	0,6 mm	0,6 mm		0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"		Stainless 6/4"
Top bar	Powder coated plate	Flat bar 100x10 mm Powder coated		Flat bar 60x10 mm stainless
Cover	4 mm acrylic glass	4 mm acrylic glass		8 mm acrylic glass
Legs	Powder coated 50x30 mm	Powder coated 50x30 mm		Stainless 50x30 mm
Hinges	Plastic 8 pcs.	Plastic 4 pcs.		Stainless 8 pcs.
Reinforcing frame	Powder coated	Powder coated		Stainless
Cassette material	Stainless rod Ø3 and Ø5 mm	Stainless rod Ø3 and Ø5 mm		Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated	Powder coated		Stainless
Drum height	640 mm	640 mm		730 mm
ADDITIONAL INFORMATION				
Other	Shipped on pallet	Shipped on pallet		Shipped on pallet

* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

EIGHT CASSETTE DEUTSCH NORMAL



CLASSIC line

PREMIUM line

ID	W20160_DNM	W201600_DNM	W201600_P_DNM
Name	8-cassette honey extractor Ø1000 mm, electric drive, semi-automatic/automatic		8-cassette honey extractor Ø1000 mm, electric drive
TECHNICAL PARAMETERS			
Type of frame	8x Deutsch Normal		8x Deutsch Normal
Drum diameter	Ø1000 mm		Ø1000 mm
Drive system	Electric bottom		Electric bottom
Power supply	230V		230V
Controller	HES-02*	HE-02N*	HE-03
Motor	Motoreducer 0,55kW		Motoreducer 0,75kW
DRUM AND BASKET CONSTRUCTION			
Thickness	drum 0,6 mm bottom 0,8 mm		0,8 mm
Honey gate	2x stainless 2"		2x stainless 2"
Top bar	Flat bar 60x10 mm powder coated		Flat bar 60x10 mm stainless
Cover	4 mm acrylic glass		8 mm acrylic glass
Legs	Powder coated 60x40 mm		Long stainless 60x40 mm
Hinges	Plastic 8 pcs.		Stainless 8 pcs.
Reinforcing frame	Powder coated		Stainless
Cassette material	Stainless rod Ø3 and Ø5 mm		Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated		Stainless
Drum height	680 mm		730 mm
ADDITIONAL INFORMATION			
Other	Shipped on pallet		Shipped on pallet

* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

WARRANTY DETAILS,
PAGE 234-235.

dimensions of frames:
Deutsch Normal — 370x220 mm

dimensions of cassettes:
360x250 mm

TWELVE CASSETTE DEUTSCH NORMAL



CLASSIC line

PREMIUM line

ID	W20530B_DNM	W205300B_DNM	W205300B_P_DNM
Name	12-cassette honey extractor Ø1000 mm, electric drive, semi-automatic/automatic		12-cassette honey extractor Ø1000 mm, electric drive
TECHNICAL PARAMETERS			
Type of frame	12x Deutsch Normal		12x Deutsch Normal
Drum diameter	Ø1000 mm		Ø1000 mm
Drive system	Electric bottom		Electric bottom
Power supply	230V		230V
Controller	HES-02*	HE-02N*	HE-03
Motor	Motoreducer 0,75kW		Motoreducer 0,75kW
DRUM AND BASKET CONSTRUCTION			
Thickness	drum 0,6 mm bottom 0,8 mm		0,8 mm
Honey gate	2x stainless 2"		2x stainless 2"
Top bar	Flat bar 60x10 mm powder coated		Flat bar 60x10 mm stainless
Cover	4 mm acrylic glass		8 mm acrylic glass
Legs	Powder coated 60x40 mm		Long stainless 60x40 mm
Hinges	Plastic 8 pcs.		Stainless 8 pcs.
Reinforcing frame	Powder coated		Stainless
Cassette material	Stainless rod Ø3 and Ø6 mm		Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated		Stainless
Drum height	730 mm		730 mm
ADDITIONAL INFORMATION			
Other	Basket with partitions, shipped on pallet		Basket with partitions, shipped on pallet

* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

WARRANTY DETAILS,
PAGE 234-235.

dimensions of frames:
Deutsch Normal — 370x220 mm

dimensions of cassettes:
360x250 mm

SIXTEEN CASSETTE DEUTSCH NORMAL



CLASSIC line

PREMIUM line

ID	W20520B_DNM	W205200B_DNM	W205200B_P_DNM
Name	16-cassette honey extractors Ø1200 mm electric, semi-automatic/automatic		16-cassette honey extractors Ø1200 mm electric drive

TECHNICAL PARAMETERS

Type of frame	16x Deutsch Normal	16x Deutsch Normal
Drum diameter	Ø1200 mm	Ø1200 mm
Drive system	Electric bottom	Electric bottom
Power supply	230V	230V
Controller	HES-02* HE-02N*	HE-03
Motor	Motoreducer 1,5kW	Motoreducer 1,5kW

DRUM AND BASKET CONSTRUCTION

Thickness	drum 0,6 mm bottom 0,8 mm	0,8 mm
Honey gate	2x stainless 2"	2x stainless 2"
Top bar	Flat bar 60x10 mm powder coated	Flat bar 60x10 mm stainless
Cover	5 mm acrylic glass	8 mm acrylic glass
Legs	Powder coated 60x40 mm	Long stainless 60x40 mm
Hinges	Plastic 8 pcs.	Stainless 8 pcs.
Reinforcing frame	Powder coated	Stainless
Cassette material	Stainless rod Ø3 and Ø6 mm	Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated	Stainless
Drum height	730 mm	730 mm

ADDITIONAL INFORMATION

Other	Basket with partitions, shipped on pallet	Basket with partitions, shipped on pallet
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* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

WARRANTY DETAILS,
PAGE 234-235.

dimensions of frames:
Deutsch Normal — 370x220 mm

dimensions of cassettes:
360x250 mm

TWENTY CASSETTE DEUTSCH NORMAL



CLASSIC line

PREMIUM line

ID	W20990B_DNM	W209900B_DNM	W209900B_P_DNM
Name	20-cassette honey extractors Ø1200 mm electric, semi-automatic/automatic		20-cassette honey extractors Ø1200 mm electric drive

TECHNICAL PARAMETERS

Type of frame	20x Deutsch Normal	20x Deutsch Normal
Drum diameter	Ø1200 mm	Ø1200 mm
Drive system	Electric bottom	Electric bottom
Power supply	230V	230V
Controller	HES-02* HE-02N*	HE-03
Motor	Motoreducer 1,5kW	Motoreducer 1,5kW

DRUM AND BASKET CONSTRUCTION

Thickness	drum 0,6 mm bottom 0,8 mm	0,8 mm
Honey gate	2x stainless 2"	2x stainless 2"
Top bar	Flat bar 60x10 mm powder coated	Flat bar 60x10 mm stainless
Cover	5 mm acrylic glass	8 mm acrylic glass
Legs	Powder coated 60x40 mm	Long stainless 60x40 mm
Hinges	Plastic 8 pcs.	Stainless 8 pcs.
Reinforcing frame	Powder coated	Stainless
Cassette material	Stainless rod Ø3 and Ø6 mm	Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated	Stainless
Drum height	730 mm	730 mm

ADDITIONAL INFORMATION

Other	Basket with partitions, shipped on pallet	Basket with partitions, shipped on pallet
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* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

WARRANTY DETAILS,
PAGE 234-235.

dimensions of frames:
Deutsch Normal — 370x220 mm

dimensions of cassettes:
360x250 mm

OTHER HONEY EXTRACTORS



TANGENTIAL HONEY EXTRACTORS



RADIAL HONEY EXTRACTORS



CASSETTE HONEY EXTRACTORS



STAINLESS STEEL ASTM 304



STAINLESS STEEL ACID - RESISTANT



APPLIANCES BEARING THE CE MARK

IMPORTANT INFORMATION

CLASSIC line



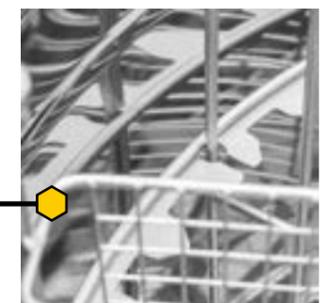
Safety lock - when the lid is opened, the honey extractor is stopped.



Drum height 730 mm made of acid-resistant stainless steel, conical bottom, two 2" valves.



A modern controller, which allows to choose between two manual programs (right-left) and ten automatic programs that can be adjusted.



The basket made of 10 mm and 8 mm stainless steel rod is designed in such a way that it allows extraction in two ways
A radial frame arrangement in which 36 D frames can be processed at once.
A cassette system in which a large cassette with a 20x20mm mesh is used, allows spinning of D and Dadant US frames. Two D1/2 frames can be inserted in each cassette.

RADIAL CASSETTE DADANT



CLASSIC
line



PREMIUM
line

ID	W200700K6D	W2007000K6D	W2007000K6D_P
Name	Radial-cassette honey extractor Dadant, Ø1000 mm, electric drive, semi-automatic/automatic (36-radial/6-cassette)		Radial-cassette honey extractor Dadant, Ø1000 mm, electric drive (36-radial/6-cassette)

TECHNICAL PARAMETERS

	W200700K6D	W2007000K6D	W2007000K6D_P
Type of frame	Dadant		Dadant
Drum diameter	Ø1000 mm		Ø1000 mm
Drive system	Electric bottom		Electric bottom
Power supply	230V		230V
Controller	HES-02*	HE-02N*	HE-03
Motor	Motoreducer 0,75kW		Motoreducer 0,75kW

DRUM AND BASKET CONSTRUCTION

	W200700K6D	W2007000K6D	W2007000K6D_P
Thickness	drum 0,6 mm bottom 0,8 mm		0,8 mm
Honey gate	2x stainless 2"		2x stainless 2"
Top bar	Flat bar 60x10 mm powder coated		Flat bar 60x10 mm stainless
Cover	4 mm acrylic glass		8 mm acrylic glass
Legs	Powder coated 60x40 mm		Stainless 60x40 mm
Hinges	Plastic 8 pcs.		Stainless 8 pcs.
Reinforcing frame	Powder coated		Stainless
Cassette material	Stainless rod Ø2 and Ø5 mm		Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated		Stainless
Drum height	730 mm		780 mm

ADDITIONAL INFORMATION

Other	Shipped on pallet	Basket with partitions, shipped on pallet
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* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

dimensions of frames:
Dadant — 435x300 mm
Dadant 1/2 — 435x160 mm

dimensions of cassettes:
425x340 mm

number of frames (top bar: 25 mm standard, 35 mm hoffmann):
Dadant / Dadant 1/2 — 36/36

WARRANTY DETAILS,
PAGE 234-235.

RADIAL CASSETTE LANGSTROTH



CLASSIC
line



PREMIUM
line

ID	W2500GK6LN	W25000GK6LN	W25000GK6LN_P
Name	Radial-cassette honey extractor Langstroth, Ø800 mm, electric drive, semi-automatic/automatic (24-radial/6-cassette)		Radial-cassette honey extractor Langstroth, Ø800 mm, electric drive (24-radial/6-cassette)

TECHNICAL PARAMETERS

	W2500GK6LN	W25000GK6LN	W25000GK6LN_P
Type of frame	Langstroth		Langstroth
Drum diameter	Ø800 mm		Ø800 mm
Drive system	Electric top		Electric bottom
Power supply	230V		230V
Controller	HES-02*	HE-02N*	HE-03
Motor	Motoreducer 0,37kW		Motoreducer 0,55kW

DRUM AND BASKET CONSTRUCTION

	W2500GK6LN	W25000GK6LN	W25000GK6LN_P
Drum thickness	0,6 mm		0,8 mm
Honey gate	Stainless 6/4"		Stainless 6/4"
Top bar	Flat bar 100x10 mm powder coated		Flat bar 60x10 mm stainless
Cover	4 mm acrylic glass		8 mm acrylic glass
Legs	Powder coated 50x30 mm		Stainless 50x30 mm
Hinges	Plastic 4 pcs.		Stainless 8 pcs.
Reinforcing frame	Powder coated		Stainless
Cassette material	Stainless rod Ø2 and Ø5 mm		Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated		Stainless
Drum height	730 mm		780 mm

ADDITIONAL INFORMATION

Other	Shipped on pallet	Basket with partitions, shipped on pallet
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* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

dimensions of frames:
Langstroth — 450x230 mm

dimensions of cassettes:
440x250 mm

number of frames (top bar: 25 mm standard, 35 mm hoffmann):
Langstroth — 24

WARRANTY DETAILS,
PAGE 234-235.

RADIAL CASSETTE DEUTSCH NORMAL



CLASSIC
line



PREMIUM
line

ID	W2500GK6WL	W25000GK6WL	W25000GK6WL_P
Name	Radial-cassette honey extractor Deutsch Normal, Ø800 mm, electric drive, semi-automatic/automatic (12 - radial/6 - cassette)		Radial-cassette honey extractor Deutsch Normal, Ø800 mm, electric drive (12 - radial/6 - cassette)

TECHNICAL PARAMETERS

Type of frame	Deutsch Normal	Deutsch Normal
Drum diameter	Ø800 mm	Ø800 mm
Drive system	Electric top	Electric bottom
Power supply	230V	230V
Controller	HES-02* HE-02N*	HE-03
Motor	Motoreducer 0,37kW	Motoreducer 0,55kW

DRUM AND BASKET CONSTRUCTION

Drum thickness	0,6 mm	0,8 mm
Honey gate	Stainless 6/4"	Stainless 6/4"
Top bar	Flat bar 100x10 mm powder coated	Flat bar 60x10 mm stainless
Cover	4 mm acrylic glass	8 mm acrylic glass
Legs	Powder coated 50x30 mm	Stainless 50x30 mm
Hinges	Plastic 4 pcs.	Stainless 8 pcs.
Reinforcing frame	Powder coated	Stainless
Cassette material	Stainless rod Ø2 and Ø5 mm	Stainless rod Ø3 and Ø6 mm
Drum rim	Powder coated	Stainless
Drum height	640 mm	730 mm

ADDITIONAL INFORMATION

Other	Shipped on pallet	Basket with partitions, shipped on pallet
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* Controller can be exchanged for advanced automatic controller (HE-03) for an extra charge

dimensions of frames: **dimensions of cassettes:**
Deutsch Normal – 370x220 mm 360x250 mm

number of frames (top bar: 25 mm standard, 35 mm hoffmann):
Deutsch Normal – 24

WARRANTY DETAILS,
PAGE 234-235.

HONEY EXTRACTOR 4-FRAME, TANGENTIAL

MINIMA
line

TECHNICAL PARAMETERS

Type of frame	Universal
Power supply	230V
Controller	MDD-01
Drum tilting drive	Electric actuator
Honey gate	6/4"
Drum inclination	45°
Dimensions	730×900×1100 mm (L×W×H)
Weight	45 kg
Other	Adjustable basket rotation speed up to 300 r.p.m. / min Basket locked with a pin



WARRANTY DETAILS,
PAGE 234-235.

ID	NAME
HEM600D230V_ELC	Honey extractor 4-frames, tangential, universal basket ø600, electric 230V - MINIMA LINE

HONEY EXTRACTOR 4-CASSETTE LANGSTROTH Ø720

TECHNICAL PARAMETERS

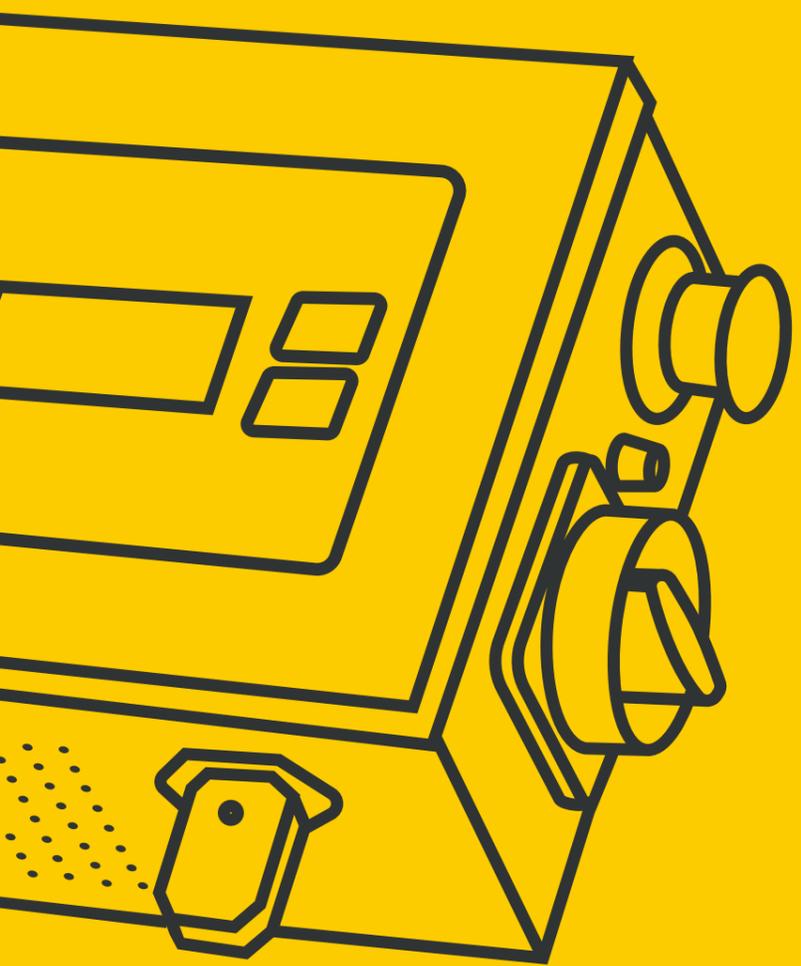
Dimensions of cassettes	440×250 mm
Type of frame	4× Langstroth
Power supply	230V
Controller	HE-02N
Drum tilting drive	Electric actuator
Honey gate	6/4"
Drum inclination	45°
Dimensions	900×1100×1200 mm (L×W×H)
Weight	69 kg
Other	Adjustable basket rotation speed up to 300 r.p.m. / min Basket locked with a pin



WARRANTY DETAILS,
PAGE 234-235.

ID	NAME
HEC720C4LN230V_ELC	Electric langstroth ø720 4-cassette honey extractor - MINIMA LINE

CONTROLLERS AND ADDITIONAL OPTIONS FOR EXTRACTORS



CONTROLLERS

BASIC LINE DRIVE SYSTEM SET

MDD-01 BASIC



The set includes controller, motor, and a belt transmission. This affordable and easily applied conversion kit allows for upgrading your manually driven extractor into much more convenient electric extractor. Manual speed adjustment.

ZESTAW_BASIC Self assembly electric drive conversion kit Basic Line

ZESTAWB_AD Basic electric drive with adapter for extractors produced by other manufacturers

MINIMA LINE DRIVE SYSTEM SET

MDD-01 MINIMA



The set includes controller, motor, and a belt transmission. This affordable and easily applied conversion kit allows for upgrading your manually driven extractor into much more convenient electric extractor. Manual speed adjustment.

ZESTAW_MINIMA Self assembly electric drive conversion kit Minima Line

ZESTAWM_AD Minima electric drive with adapter produced by other manufacturers

MINIMA LINE CONTROLLER FOR RADIAL HONEY EXTRACTORS

SDD-2



This 12 V controller is dedicated for 720 to 900 mm radial, MINIMA Line extractors. Speed is adjusted with a digital potentiometer. Plastic casing.

MINIMA LINE CONTROLLER FOR CASSETTE HONEY EXTRACTORS

HE-01U MINIMA



This controller is supplied with 12 voltage. It is offer 2 manual Left and Right modes and 9 redefined automatic cycles. Plastic casing.

HE-01U MINIMA controller is intended for MINIMA cassette extractors for 720 to 1000mm.

OPTIMA LINE CONTROLLER

DUAL POWER 12V/230V CDD



Controller dedicated for OPTIMA Line extractors. Dual power 12V / 230V. Two manual Left and Right modes. No factory pre-set programs. To set up the programs press "+" and "-" buttons simultaneously on the controller's start up.

TANGENTIAL AND RADIAL EXTRACTOR CONTROLLER

12V/230V SDD-2DP



Dual power controller 12V/230V dedicated for tangential and radial honey extractors of 500 to 900 mm extractors. Digital 10 step speed adjustment.

**PREMIUM LINE
EXTRACTOR
CONTROLLER**

**DUAL POWER
12V/230V
SDD-3**



The set includes controller, motor, and a belt transmission. This affordable and easily applied conversion kit allows for upgrading your manually driven extractor into much more convenient electric extractor. Manual speed adjustment.

**CASSETTE
EXTRACTOR
CONTROLLER**

**12V/230 V
HE-01U OPTIMA**



These 12V/230V controller units offer 2 manual Left and Right modes and 9 redefined automatic cycles. Powder coated, metal housing.

HE-01U OPTIMA controller is intended for OPTIMA cassette extractors for 720 to 1000mm.

**SEMI-AUTOMATIC
CONTROLLER
FOR CASSETTE
AND RADIAL
EXTRACTORS**

HES-02N



The honey extractor can be operated both in manual mode (2 programs) and in automatic (1 program). In manual mode, you can set the direction and speed (using the knob). The predefined auto program is set by manufacture. The automatic mode is activated by simultaneously pressing both directional buttons. The controller works with a high class Mitsubishi inverter.

SEMIAUTOMAT Motor up to 0,75 kW (included): **SEMIAUTOMAT_D** Motor from 1,1 kW

**AUTOMATIC
CONTROLLER
FOR CASSETTE
AND RADIAL
EXTRACTORS**

HE-02N



Automatic controller HE-02N for honey extractors gives the possibility to choose two manual programs (right-left) and ten automatic programs, programmed by default for a given honey extractor diameter, but with the possibility of programming them according to the user's needs. The controller is equipped with a working hours counter which can be read after starting the control. The controller has an alarm that informs you when the lid of the honey extractor is opened or when the safety button is pressed. In both cases, the device cannot be started.

AUTOMAT Motor up to 0,75 kW (included): **AUTOMAT_D** Motor from 1,1 kW

**ADVANCED
AUTOMATIC
CONTROLLER**

HE-03



HE-03 controller has 7 fully modifiable automatic programs and 2 manual programs. Large (4,3") colour display, simple and intuitive interface significantly enhances the comfort of using it. Additionally the controller has the functionality of work time counter for both motor and controller. Advanced diagnostic and monitoring tools control the work parameters of motor and controller. The controller is equipped with top quality Mitsubishi inverter.

HEATING OPTIONS

- Perfect for extracting dense honey or for use in colder environments
- Extractors equipped with semi-automatic or automatic controller (per request) allowing for programming accurate extraction cycle
- Digital temperature controller to ensure that honey does not overheat
- Temperature range from 30 to 55°C
- Optional second honey gate available

PD720	Heated bottom, Ø720 mm extractor
PD800	Heated bottom, Ø800 mm extractor
PD900	Heated bottom, Ø900 mm extractor
PD1000	Heated bottom, Ø1000 mm extractor
PD1200	Heated bottom, Ø1200 mm extractor
PB720	Heated drum side wall, Ø720 mm extractor
PB800	Heated drum side wall, Ø800 mm extractor
PB900	Heated drum side wall, Ø900 mm extractor
PB1000	Heated drum side wall, Ø1000 mm extractor
PB1200	Heated drum side wall, Ø1200 mm extractor



HANDLES FOR HONEY EXTRACTORS

Universal handles for carrying the honey extractor are placed under the honey extractor drum, at the connection point between honey extractor's legs and the trestle.

- Made of stainless steel.
- Weight of 1 piece - 0.335 kg
- Suggested purchase quantity 3 pcs.

ID	NAME
W6600	Honey extractor's handle with a diameter 720-1500 mm - 1 pc



ANTI-VIBRATION PADS FOR HONEY EXTRACTORS

If you want to protect your honey extractors from falling into vibrations while extracting the honey, anti-vibration pads will be a great solution. Very often, extracted frames have different weights due to the different contained honey. Research has shown that in the case of honey extractors with the anti-vibration pads, they vibrate at 25% higher revolutions. The pads are made of PVC (SOFT) material.



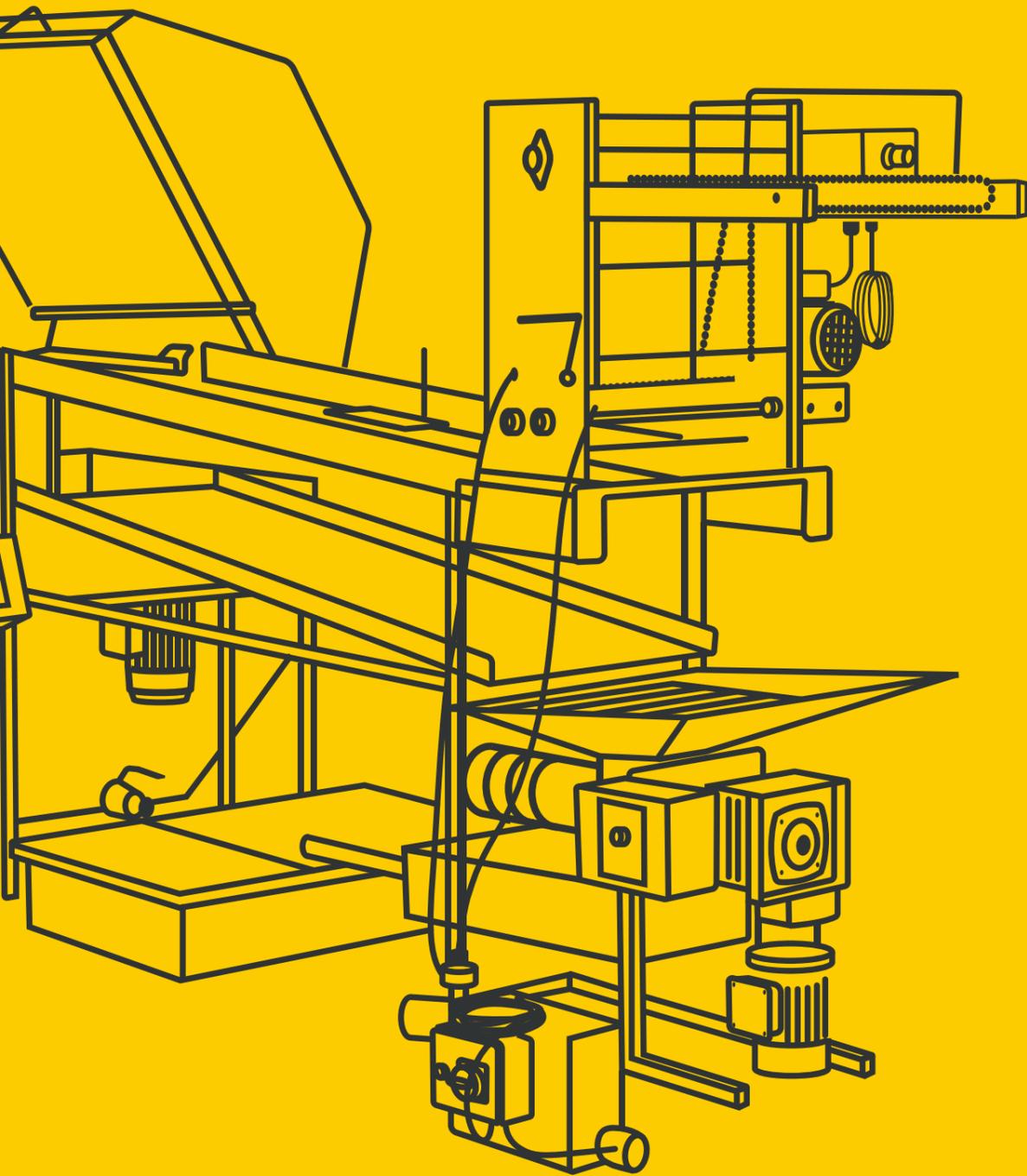
ID	NAME
P_AM1	Anti-vibration pad for Basic, Minima and Optima honey extractors with a diameter from Ø 400 to Ø 650 mm - set of 3 (weight of 3 pieces: 52.8 g)
P_AM2	Anti-vibration pad for Classic honey extractors with a diameter from Ø 500 to Ø 650 mm - set of 3 (weight of 3 pieces: 75 g)
P_AM4	Anti-vibration pad for honey extractors with a diameter from Ø 720 to Ø 900 mm and for Minima and Optima honey extractors with a diameter of Ø 1000 mm (leg in honey extractors 50 x 30 mm) - set of 3 (weight of 3 pieces: 92.7 g)
P_AM5	Anti-vibration pad for honey extractors with a diameter from Ø 1000 to Ø 1500 mm (leg in honey extractors in the size of 60 x 40 mm), except for honey extractors with a diameter of Ø 1000 from the Minima and Optima lines - set of 3 (weight of 3 pieces: 136.8 g)

2

HONEY PROCESSING



HONEY EXTRACTION



HONEY EXTRACTION LINE - MINIMA

ID	NAME
W20958	Honey extraction line - MINIMA



MINIMA
line

Horizontal honey extractor:

- for 40 frames (two sections)
- 0.75 kW engine
- 230V power supply
- 2" ball drain valve

Uncapping machine with chain feeder:

- capacity 4-6 frames / min.
- knives heated with hot water in a closed circuit
- power: 2.1 kW
- 230V power supply

Frame feeder with manual loading trolley:

- length: 1500 mm

Frame receiver:

- single, length: 1500 mm

Cappings extruder:

- capacity up to 100 kg / h
- adjustable engine speed: max 9 rpm
- power 0.55 kW
- 230V power supply

Honey pump:

- capacity: 900
- power: 0.37 kW
- power supply: 230V
- Tub with a perforated insert for preliminary cleaning:**
- capacity 220 l

HONEY EXTRACTION LINE - OPTIMA

with uncapping device, capping extruder, horizontal honey extractor for 40 frames, vertical honey sump and pump.



Uncapping machine:

- power supply: 230 V, liquid heating knives system
- heating power: 2kW
- knives motor: 0,18kW (1400 r.p.m.)
- chain motor: 0,12kW (900 r.p.m.)

Vertical honey sump:

- insulated,
- length: 1000 mm

Cappings extruder:

- efficiency: 100 kg/h
- motor: 0,55 kW
- power supply: 230 V
- adjustable auger speed up to 9 RPM

Frame loader:

- length: 1500 mm

Frame receiver:

- single: 1500 mm

Radial horizontal extractor:

- 40 frames (two sections)
- motor 0,75 kW
- power supply: 230 V
- ball valve 2"

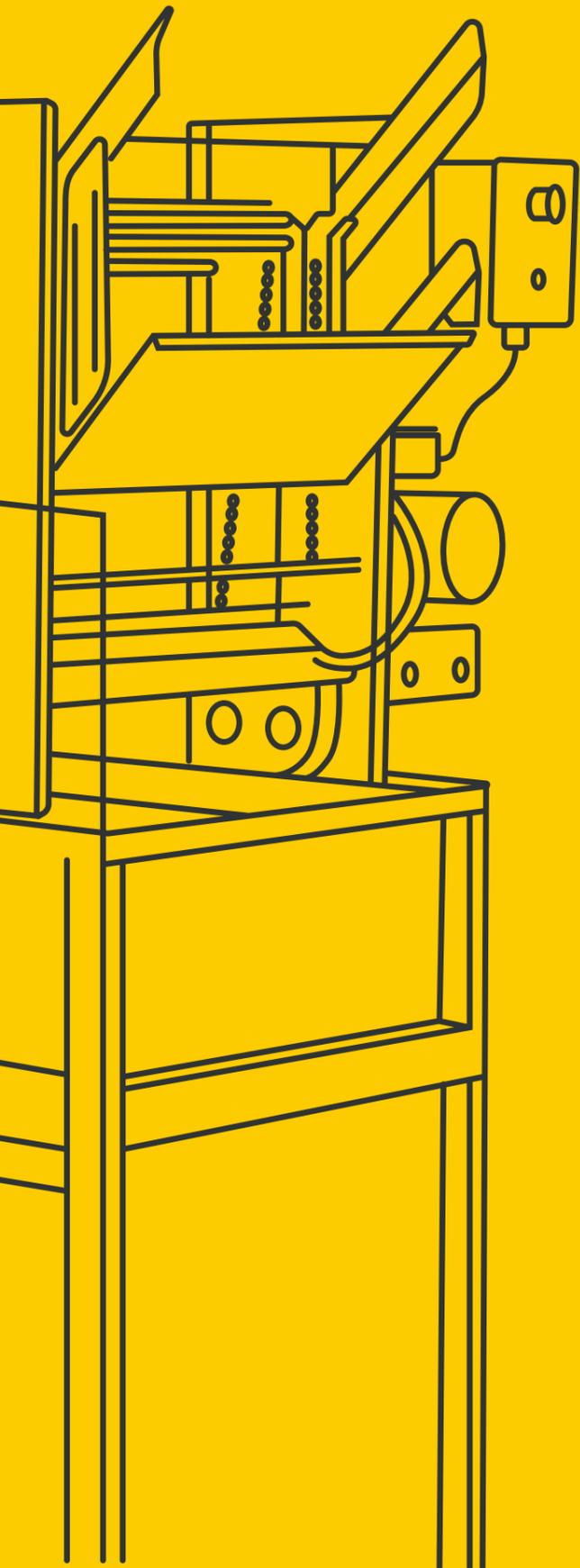
Honey pump:

- motor 0,37kW
- power supply: 230V

ID	NAME
W20959_FULL	Honey extraction line - OPTIMA

ID	NAME
W20959_FULL	Honey extraction line OPTIMA with uncapping machine CLASSIC (control PC-02), cappings extruder, honey sump and honey pump – full version
W20959_FULL_P1	Honey extraction line OPTIMA with uncapping machine PREMIUM (control PC-03), cappings extruder, honey sump and honey pump – full version
W20959_FULL_P2	Honey extraction line OPTIMA with uncapping machine PREMIUM (control PC-03) with chain feeder, cappings extruder, honey sump and honey pump – full version
W20959_FULL_P3	Honey extraction line OPTIMA with uncapping machine PREMIUM (control PC-03) with chain feeder and pneumatic frame ejector, cappings extruder, honey sump and honey pump – full version
W2096WE	Electric trolley for honey extraction line OPTIMA (W20959_FULL, W20959_FULL_P1, W20959_FULL_P2, W20959_FULL_P3)
W2096TR	Roller conveyor for honey extraction lines OPTIMA and MINIMA (W20959_FULL, W20959_FULL_P1, W20959_FULL_P2, W20959_FULL_P3, W20958)

HONEY UNCAPPING



-  STAINLESS STEEL
ASTM 304
-  STAINLESS STEEL
ACID - RESISTANT
-  APPLIANCES BEARING
THE CE MARK
-  IMPORTANT
INFORMATION

UNCAPPING MACHINES WITH BLADES HEATED WITH STEAM OR CLOSED CIRCUIT

Uncapping machine supporting structure:

- acid-resistant stainless steel table 1500 mm or frame holder 1500 mm

Uncapping drive:

- power supply - 230V
- engine - 0,35kW
- engine revolutions - 1,400 rpm

Heated blades: steam generator consists of:

- tank with heater
- hoses feeding steam to the knives
- the condensate container
- dimensions: 290x260x230 mm
- power supply: 230 V
- heating power: 1850 - 2000 W

Uncapping machine dimensions:

- 900x800x700 mm

Table construction:

- stainless steel
- legs - powder coated
- valve - stainless steel flap valve
- stainless screens - 2 pcs.

OPTION 1: Heater the knives: closed circuit consists of:

- stainless steel tank with a heater
- lines supplying liquid to the knives
- control box
- dimensions: 420 x 500 x 390 mm
- power supply: 230 V
- heating power: 2000 W
- weight: 8 kg

OPTION 2: Heater the knives: the steam generator consists of:

- tank with a heater
- hoses feeding steam to the knives
- the condensate tank
- dimensions: 290 x 260 x 230 mm
- power supply: 230 V
- heating power: 1850 - 2200 W
- weight: 2.5 kg



ID	NAME
W2092_W	Uncapping machine with blades, heated with steam generator, 230V, with chain feeder, with a table 1500 mm - MINIMA
W2092_Z	Uncapping machine with closed circuit, 230V, with chain feeder, with a table 1500 mm - MINIMA
W2092S_W	Uncapping machine with blades, heated with steam generator, 230V, with slides, with a table 1500 mm - MINIMA
W2092S_Z	Uncapping machine with closed circuit, 230V, with slides, with a table 1500 mm - MINIMA
W2093_W	Uncapping machine with blades, heated with steam generator, 230V, with chain feeder, with a frame holder 1500 mm - MINIMA
W2093_Z	Uncapping machine with closed circuit, 230V, with chain feeder, with a frame holder 1500 mm - MINIMA
W2093S_W	Uncapping machine with blades, heated with steam generator, 230V, with slides, with a frame holder 1500 mm - MINIMA
W2093S_Z	Uncapping machine with closed circuit, 230V, with slides, with a frame holder 1500 mm - MINIMA
W20970_1	OPTION 1: Capping extruder, capacity up to 50 kg/h, for the uncapping machines Minima or Classic Line with a frame holder 1500 mm
W20966_2	OPTION 2: Capping extruder, capacity up to 100 kg/h, for the uncapping machines Minima or Classic Line with a frame holder 1500 mm

UNCAPPING MACHINES

WITH BLADES HEATED WITH STEAM OR CLOSED CIRCUIT

MINIMA
line



- Drive:
- power supply - 230V
 - engine - 0.25 kW
 - engine revolutions - 1,400 rpm

- Heated blades: closed circuit consists of:
- stainless steel tank with a heater
 - hose supplying liquid to the knives
 - control box
 - dimensions: 420 x 500 x 390 mm
 - power supply: 230 V
 - heating power: 2000 W
- Uncapping machine dimensions:
- length - 900 mm
 - width - 800 mm
 - height - 700 mm

ID	NAME
W20921_W	Uncapping machine with blades, heated with steam generator, 230V, with chain feeder - MINIMA *
W20921_Z	Uncapping machine with closed circuit, 230V, with chain feeder - MINIMA *
W20921S_W	Uncapping machine with blades, heated with steam generator, 230V, with slides - MINIMA *
W20921S_Z	Uncapping machine with closed circuit, 230V, with slides - MINIMA *

*Uncapping machine (module) without a table/frame holder.

UNCAPPING MACHINE

WITH MANUAL FEEDER AND HOLDING TABLE

CLASSIC
line



- Specifications:
- Power supply 230V/50Hz
 - Power of knives drive motor 0.18 kW
 - Steam generator's voltage 230 V
 - Heating power - 2000 W
 - Water capacity - 4 l
 - Warm-up time - 15 min.
 - Expected steam generator's working time - 1 h

W20960	Uncapping machine with manual feeder, with steam generator, 230V, with a table 1500 mm - CLASSIC
W2096C	Option C: Frame slides mounted in uncapping table with manual feeder, with a table - CLASSIC

1. Steam generator to heat the knives with the selected minimum and maximum water level

UNCAPPING MACHINES

WITH AUTOMATIC FEEDER AND HOLDING TABLE

CLASSIC
line

- We offer automatic feeder uncapping machines in two options:
- with liquid heated knives
 - with electric heated knives.

- Specifications of the uncapping machines with liquid heated knives:
- Knife motor power – 0.18 kW
 - Feeder motor power – 0.12 kW
 - Feeder's speed – 9 RPM
 - Knives heating power – 2 kW
 - Heating system warm-up time: 20 minutes
 - Efficiency – 4 frames/minute

- Specifications of the uncapping machines with electric heated knives:
- Knife motor power – 0.18 kW
 - Feeder motor power – 0.12 kW
 - Feeder's speed – 9 RPM
 - Heating power – 2 x 400 W
 - Heaters' voltage – 24 V
 - Knives warm-up time of about 5 minutes
 - Efficiency – 4 frames/minute



W209600E

The uncapping machine is equipped with a mechanical feeder that automatically feeds the frames into the uncapper. The liquid heated knives are equipped with a liquid level indicator.

OPTION A: Cover and heated bottom
In this option, the table on which the uncapping machine is mounted has a heated bottom of a 650 W power, temperature controller and a cover, which greatly increases the time of separation of the remaining honey from residue.

UNCAPPING MACHINE WITH AUTOMATIC FEEDER	
W209600E	400V, with electric heated blades, with a table 1500 mm - CLASSIC
W2096000E	230V, with electric heated blades, with a table 1500 mm - CLASSIC
W209600Z	400V, with closed circuit, with a table 1500 mm - CLASSIC
W2096000Z	230V, with closed circuit, with a table 1500 mm - CLASSIC
W2096A	OPTION A: Cover and heated bottom in uncapping table with automatic feeder, with a table 1500 mm

UNCAPPING MACHINES

WITH MANUAL OR AUTOMATIC FEEDER AND FRAME HOLDER

UNCAPPING MACHINE WITH FRAME HOLDER 1500 MM	
W901R	with manual feeder, 230V - CLASSIC
W902E	with automatic feeder, 400V, with electric heated blades - CLASSIC
W902Z	with automatic feeder, 400V, with closed circuit - CLASSIC
W903E	with automatic feeder, 230V, with electric heated blades - CLASSIC
W903Z	with automatic feeder, 230V, with closed circuit - CLASSIC
W20984	Manual uncapping table with capping extruder, capacity up to 50kg/h
W20980	Manual uncapping table with capping extruder, capacity up to 100 kg/h

We recommend to the presented automatic or manual feeder uncapping machines one of the following propositions. While placing an order for the uncapping machine, we ask for information if you are interested in any of the options below.

W20970_1	OPTION 1: Capping extruder, capacity up to 50 kg/h, for the uncapping machines Minima or Classic Line with a frame holder 1500 mm
W20966_2	OPTION 2: Capping extruder, capacity up to 100 kg/h, for the uncapping machines Minima or Classic Line with a frame holder 1500 mm
W910	OPTION 3: Uncapping plastic tray with sieve (5 pcs per set) for the uncapping machines Minima or Classic Line with a frame holder 1500 mm

CAPPING EXTRUDERS OPTIMA LINE

Stainless tray included.



Control system:

The L-O-P switch has no screw-rotation adjustment available. The controller and the gear's casing is made of powder-coated steel.

W20970_OP	Capping extruder, capacity up to 50 kg/h - OPTIMA
W20966_OP	Capping extruder, capacity up to 100 kg/h - OPTIMA

W20970_OP

- Specifications:
- Cappings extruder up to 50 kg/h
 - motor 0,55 kW, 400 V
 - motoreducer casing material – powder coated steel
 - 14 RPM
 - Dimensions: height 68 cm, width 40 cm, length 105 cm



CLASSIC line



The uncapping machines come in three variants:

- manual table with an extruder - 50 or 100 kg
- with manual feeder uncapper
- with automatic feeder uncapper - 400V or 230V

One of the best way to recover honey from cappings is to use automated horizontal wax screw known as extruder. Cappings extruder can be combined with uncapping table.



W20966_OP

- Specifications:
- Cappings extruder up to 100 kg/h
 - motor 0,55 kW, 400 V
 - motoreducer casing material – powder coated steel
 - 9 RPM
 - Dimensions: height 80 cm, width 53 cm, length 120 cm

UNCAPPING MACHINES

WITH AUTOMATIC FEEDER AND FRAME HOLDER

UNCAPPING MACHINE WITH AUTOMATIC FEEDER AND FRAME HOLDER 1500 MM	
W902Z_P	400V, with closed circuit - PREMIUM
W903Z_P	230V, with closed circuit - PREMIUM
W911Z_P	400V, with closed circuit, with chain feeder - PREMIUM
W910Z_P	230V, with closed circuit, with chain feeder - PREMIUM
W20966_A	OPTION A: Capping extruder, capacity up to 100 kg/h, for the uncapping machines Premium Line with a frame holder 1500 mm
W20965_B	OPTION B: Capping extruder, capacity up to 200 kg/h, for the uncapping machines Premium Line with a frame holder 1500 mm
W2096P	Chain feeder for uncapping machines PREMIUM (W902Z_P, W903Z_P)
W2096G	Pneumatic frame ejector for uncapping machines PREMIUM (W902Z_P, W903Z_P)

PREMIUM line



CAPPING EXTRUDERS PREMIUM LINE

W20970

Specifications:

- Efficiency: up to 50 kg/h
- Power supply 230V
- Power 0,55 kW
- Adjustable speed: max 14 RPM
- Dimensions: height 68 cm, width 41 cm, length 105 cm

W20965

Specifications:

- Efficiency: up to 200 kg/h
- Power supply 230V
- Power 2,2 kW
- Adjustable speed: max 5 RPM
- Dimensions: height 92 cm, width 75 cm, length 135 cm

W20966

Specifications:

- Efficiency: up to 100 kg/h
- Power supply 230V
- Power 0,55 kW
- Adjustable speed: max 9 RPM
- Dimensions: height 80 cm, width 52 cm, length 128 cm



W20970	Cappings extruder, capacity up to 50 kg/h
W20966	Cappings extruder, capacity up to 100 kg/h
W20965	Cappings extruder, capacity up to 200 kg/h

SCREW CONVEYOR 230V

W20971_230V

Screw conveyor 230V

W20971_230V_OPTION

OPTION Screw conveyor 230V for uncapping machines Minima, Classic or Premium Line with a frame holder 1500 mm

Technical data:

- made of stainless steel, grade 1.4301
- inlet chute dimensions: length 670mm, width 610mm
- screw diameter 95mm
- outlet, TC50 connector
- stepless adjustment of the screw speed up to MAX-140rpm

- float switch for controlling the level of the wax and honey in the chute
- motor power 0,75kW
- power supply 230V

Dimensions:

- length 1510mm
- width 640mm
- height 520mm
- Weight: net weight – 80 kg



MANUAL PRESSES

Parameters of the press:

- Press made of acid-resistant stainless steel
- Rack is made of powder coated steel
- Tank's bore diameter: 250 mm
- Tank height: 355 mm
- Height of the press (without crank) 725 mm
- Length of the drain tray 390 mm
- Width of drain tray 345 mm

W4082NR	Manual wax press, with crank drive
W4082	Manual wax press, with screw drive
P_AM4PR	Anti-vibration pad for manual wax press - set of 4 pcs.



W4082NR

W4082

CAPPING SPINNER

Specifications:

- Acid-resistant stainless steel
- Power supply 230V
- Motor power 550W
- Drain valve 2"



W4800	Capping spinner
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HONEY LOOSENER

The Lyson honey loosener is used for loosening heather honey or similar type of honey. It is made of stainless steel and the machine has two plates with spring loaded needles. The frames of heather are placed between the two plates and the ergonomic lever is pushed to load the needles into the frame,



30281	Honey loosener
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PROFESSIONAL CAPPING SPINNER

Specifications:

- acid-resistant stainless steel
 - perforated sheet inserts Ø1 -4 pcs.
 - electromagnetic cover lock
 - power supply 230V/16A
 - power output 2,2kW
 - basket rotation speed: MAX 900 RPM
- dimensions:
- height - 1300 mm
 - weight - 265 kg
 - drum diameter - Ø850 mm



W4801	Professional capping spinner
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MANUAL STEAM UNCAPPERS



The set allows installation on uncapping table (plain or reinforced) with a length of 1000 mm. Steam heated knives accelerate frame uncapping process (steam generator included).

Specifications:

- Made of acid-resistant stainless steel
- Available for following frame standards "Deutsch Normal", Dadant, Langstroth

MANUAL STEAM UNCAPPER	
W20960C	Dadant with steam generator, 1000 mm
W20960F	Deutsch Normal with steam generator, 1000 mm
W20960LN	Langstroth with steam generator, 1000 mm

UNCAPPING TABLES STANDARD - OPTIMA



OPTION: Can add wheels for additional fee

Standard uncapping table:

- Flat bottom
- Height-adjustable table 3 levels
- Bottom drain
- Frame holder
- Perforated sieves on the bottom, collecting uncapped material
- Table cover optional (after additional charge)

UNCAPPING TABLE STANDARD OPTIMA	
W4045	universal, 500 mm
W4046A	Dadant, 750 mm
W4046C	Dadant, 1000 mm
W4046B	Dadant, 1500 mm
W4042A	Deutsch Normal, 750 mm
W4042C	Deutsch Normal, 1000 mm
W4042B	Deutsch Normal, 1500 mm
W4046A_LN	Langstroth, 750 mm
W4046C_LN	Langstroth, 1000 mm
W4046B_LN	Langstroth, 1500 mm

VERTICAL MANUAL UNCAPPING MACHINE



Technical Specifications:

- 230 V power supply
- acid-resistant stainless steel AISI 304
- temperature control range: 30°-95°C
- dimensions: length 600, height 370 mm, width 510 mm
- variable width depending on the width of frame
- device dedicated for standard and Hoffman frames, but without spacers

W2091	Vertical manual uncapping machine
W2091S	Vertical manual uncapping machine, with a table 750 mm



COVER FOR UNCAPPING TABLE STANDARD OPTIMA	
PZ50	universal, 500 mm
PZ75D	Dadant, 750 mm
PZ100D	Dadant, 1000 mm
PZ150D	Dadant, 1500 mm
PZ75WL	Deutsch Normal, 750 mm
PZ100WL	Deutsch Normal, 1000 mm
PZ150WL	Deutsch Normal, 1500 mm
PZ75LN	Langstroth, 750 mm
PZ100LN	Langstroth, 1000 mm
PZ150LN	Langstroth, 1500 mm

UNCAPPING TABLES REINFORCED - OPTIMA

OPTION: wheels with additional fee.



Uncapping table, reinforced:

- Trapezoidal bottom
- Height-adjustable table 3 levels
- Bottom drain
- Stand for the uncapped frame
- Perforated sieves on the bottom, collecting uncapped material
- Cover optional (after additional charge)

UNCAPPING TABLE REINFORCED OPTIMA	
W40460A	Dadant, 750 mm
W40460C	Dadant, 1000 mm
W40460B	Dadant, 1500 mm
W40420A	Deutsch Normal, 750 mm
W40420C	Deutsch Normal, 1000 mm
W40420B	Deutsch Normal, 1500 mm
W40460A_LN	Langstroth, 750 mm
W40460C_LN	Langstroth, 1000 mm
W40460B_LN	Langstroth, 1500 mm

COVER FOR UNCAPPING TABLE REINFORCED OPTIMA OR CLASSIC	
PW75D	Dadant, 750 mm
PW100D	Dadant, 1000 mm
PW150D	Dadant, 1500 mm
PW75WL	Deutsch Normal, 750 mm
PW100WL	Deutsch Normal, 1000 mm
PW150WL	Deutsch Normal, 1500 mm
PW75LN	Langstroth, 750 mm
PW100LN	Langstroth, 1000 mm
PW150LN	Langstroth, 1500 mm

P_AMWS	Anti-vibration pad for reinforced uncapping tables (produced before September 2020) - set of 4 pcs
P_AM3WS	Anti-vibration pad for reinforced uncapping tables (produced after September 2020) - set of 4 pcs

UNCAPPING TABLE REINFORCED - CLASSIC



- Uncapping table, reinforced:
- Trapezoidal bottom
 - Full height-adjustable table
 - Bottom drain
 - Stand for the uncapped frame
 - Perforated sieves on the bottom, collecting uncapped material
 - Cover optional (after additional charge) - see above
 - Advantageous feature of classic over optima line is additional leg reinforcement stabilizing uncapping table construction

TABLE REINFORCED CLASSIC	
W40460A_CL	Dadant, 750 mm
W40460C_CL	Dadant, 1000 mm
W40460B_CL	Dadant, 1500 mm
W40420A_CL	Deutsch Normal, 750 mm
W40420C_CL	Deutsch Normal, 1000 mm
W40420B_CL	Deutsch Normal, 1500 mm
W40460A_LN_CL	Langstroth, 750 mm
W40460C_LN_CL	Langstroth, 1000 mm
W40460B_LN_CL	Langstroth, 1500 mm

P_AMWS	Anti-vibration pad for reinforced uncapping tables (produced before September 2020) - set of 4 pcs
P_AM3WS	Anti-vibration pad for reinforced uncapping tables (produced after September 2020) - set of 4 pcs

MULTIFUNCTIONAL UNCAPPING TABLES

W4037_AB

- Technical data:
- power supply - 230V
 - power output - 2.3 kW
 - heated bottom - 250 W
 - heated cover - 2000 W
 - cover fan - 30 W
 - construction of the table - stainless, acid resistant steel, heated bottom
 - construction of the heating cover - acid-resistant stainless steel
 - perforated insert along the whole length of the bottom
 - adjustable rail width inside the table for different types of frames
 - powder coated legs with wheels
 - honey drain - stainless steel 6/4" flap valve
- Control:
- HC-01 heated bottom temperature controller
 - mechanical heating cover controller with capillary
- Internal dimensions:
- length - 1000 mm
 - width - 500 mm
 - height at sides - 425 mm
 - height in the middle - 475 mm
- Overall height of table without cover:
- 860mm

W4038_AB

- Technical data:
- power supply - 230V
 - power output - 2.3 kW
 - heated bottom - 250 W
 - heated cover - 2000 W
 - cover fan - 30 W
 - construction of the table - stainless, acid resistant steel, heated bottom, insulated
 - construction of the heating cover - acid-resistant stainless steel,insulated
 - perforated insert along the whole length of the bottom
 - adjustable rail width inside the table for stainless steel legs with wheels
 - honey drain - stainless steel 6/4" flap valve
- Control:
- HC-01 heated bottom temperature controller
 - mechanical heating cover controller with capillary
- Internal dimensions:
- length - 1000 mm
 - width - 515 mm
 - height at sides - 400 mm
 - height in the middle - 450 mm
- Overall height of table without cover::
- 910 mm

W4039_AB

- Parametry techniczne:
- power supply - 230V
 - power output - 2.3 kW
 - heated bottom - 250 W
 - heated cover - 2000 W
 - cover fan - 30 W
 - construction of the table - stainless, acid resistant steel, heated bottom, insulated
 - construction of the heating cover - acid-resistant stainless steel, insulated, 2 actuators.
 - perforated insert along the whole length of the bottom
 - adjustable rail width inside the table for stainless steel legs with wheels
 - honey drain - stainless steel 6/4" flap valve
- Control:
- HC-01 heated bottom temperature controller
 - mechanical heating cover controller with capillary
- Internal dimensions:
- length - 1000 mm
 - width - 515 mm
 - height at sides - 400 mm
 - height in the middle - 450 mm
- Overall height of table without cover:
- 910 mm

UNCAPPING TABLE REINFORCED OPTIMA 1000 MM	
W4037_AB	Multifunctional uncapping table 1000mm, with heated bottom and heating cover
W4038_AB	Multifunctional insulated uncapping table 1000mm, with heated bottom and insulated heating cover
W4039_AB	Multifunctional insulated uncapping table 1000mm, with heated bottom and hinged insulated heating cover, with actuators

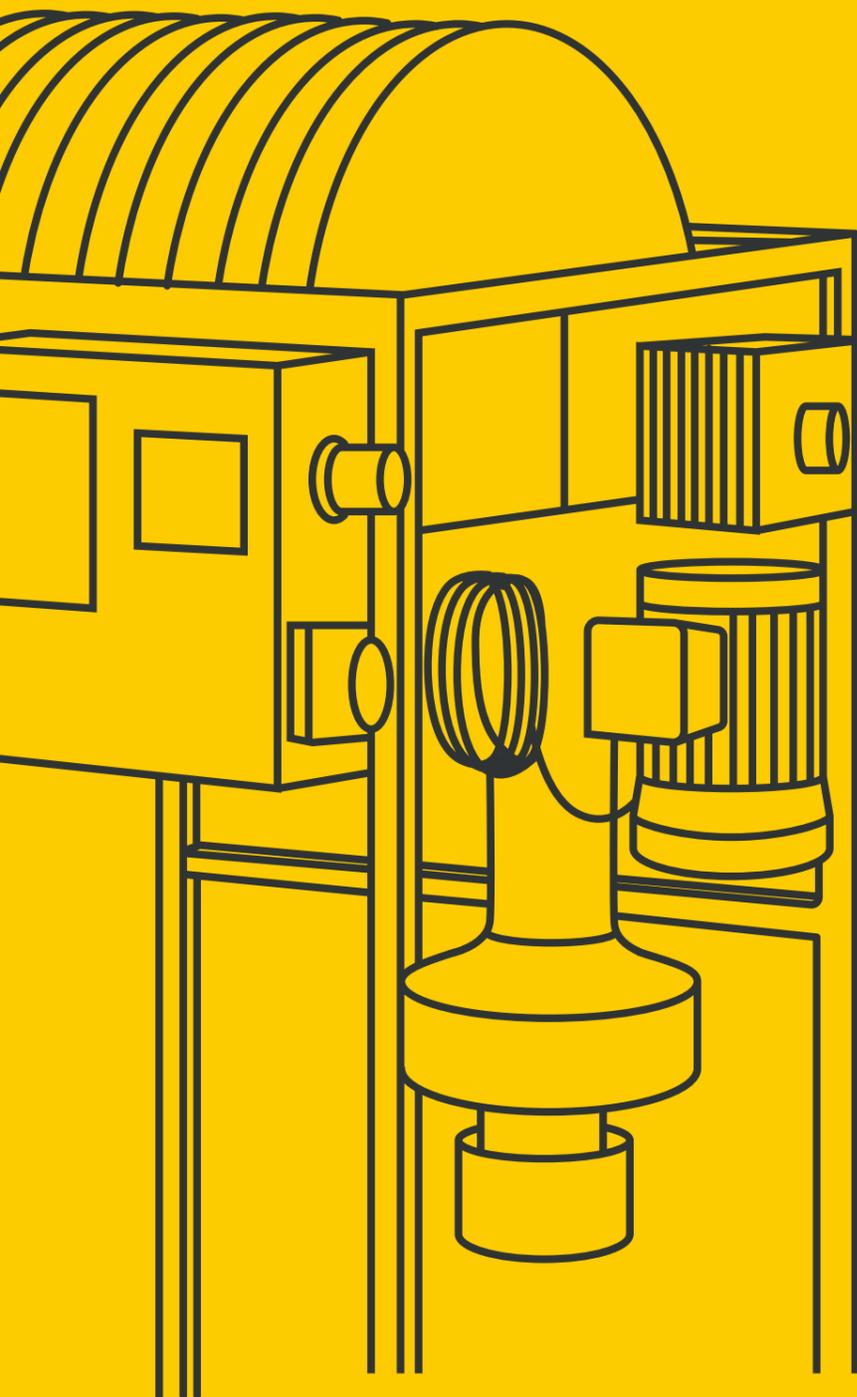


W4038_AB



W4039_AB

HONEY DEHUMIDIFICATION



-  STAINLESS STEEL
ASTM 304
-  STAINLESS STEEL
ACID - RESISTANT
-  APPLIANCES BEARING
THE CE MARK
-  IMPORTANT
INFORMATION

DEHYDRATORS

The device is used for removing water from the honey. Honey with moisture levels greater than 18% will ferment and is not salable. To prevent spoilage of the fresh honey, excess of water should be removed. Capacitor removes water from honey by using warm air and plates rotating at a speed of up to 9 RPM.

Dimensions:
length 950 mm,
width 780 mm,
height 1220 mm
• net weight - 84 kg

- W4024**
- power supply - 230V
 - power - 1.65 kW:
 - 370 W motor
 - heater 1,200W
 - 55W heater fan
 - drive: engine 370 W, 900 rpm
 - stainless steel flap valve 6/4"
 - smooth speed control with a potentiometer
 - temperature range adjustment



- W4021**
- Heating power:
1200W / 230V
 - Motor: 750W
 - Plates diameter: Ø620 mm
 - 7,2 RPM
 - Dimensions:
1800×1030×1270 mm
 - Efficiency to 2% per 10-12h

- W4020**
- Heating power:
1200W / 230V
 - Motor: 370W
 - Plates diameter: Ø620 mm
 - 9 RPM
 - Dimensions:
1300×1030×1240 mm
 - Efficiency: 2-3% per 10-12h



W4024	Honey dehydrator (with rotating plates), 50 l / ~70 kg
W4020	Honey dehydrator (with rotating plates), 110 l / ~150 kg
W4021	Honey dehydrator (with rotating plates), 215 l / ~300 kg
W4022	Option for dehydrator W4020 or W4021 - condensing aggregate

TUBULAR FLOW DEHYDRATOR



- Technical parameters:
- structure - acid-resistant stainless steel AISI 304, maintenance cover made of drainage, metal-plex, thickness 6 mm
 - power supply - 230V
 - total power - 3,2 kW
 - pump motor 0,37 kW (2 pcs.)
 - air heater 1,2 kW
 - 55W heater fan
- Control:
Siemens Simatic HMI touch panel that controls the operation of the entire device possibility to work in automatic or manual mode
- Dimensions:
• height - 2500 mm, width - 650 mm, length - 2300 mm

W4025	Tubular honey dehydrator, 230V
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ROD DEHYDRATOR

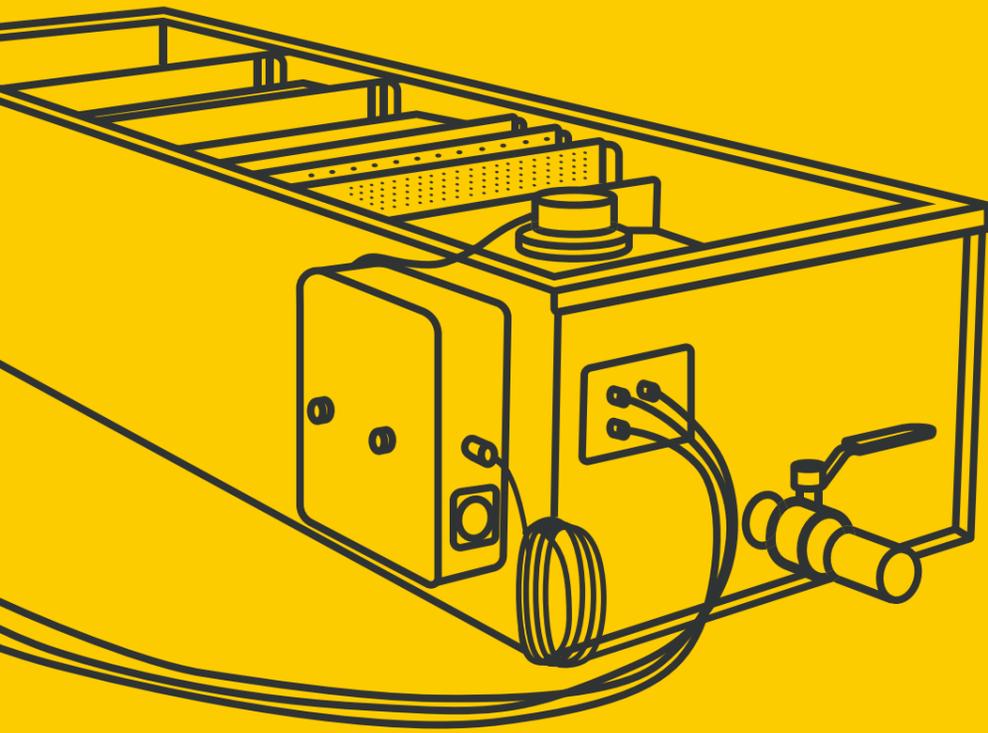


- Dimensions and weight:
- height - 1 750 mm
 - width - 1 250 mm
 - length - 1 300 mm
 - net weight - 195 kg

- Technical parameters:
- power supply - 230V / 16A
 - total power - 2.7 kW
 - pump motor - 0,37 kW (2 pcs.)
 - air heater - 1,2 kW
 - heater fan - 55 W
 - hotair blower - 0,68 kW
 - circulation fan - 4.3 W (6 pcs.)
 - efficiency - approx 0,5%/hour depending on ambient temperature and type of honey
 - structure - acid-resistant stainless steel AISI 304
 - top cover and side covers made of metal-plex with a thickness of 4 mm
 - diameter of honey pipes - Ø 40 mm
 - diameter of air pipes - Ø 100 mm

W4023	Rod honey dehydrator, 230V
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HONEY FILTRATION



-  STAINLESS STEEL
ASTM 304
-  STAINLESS STEEL
ACID - RESISTANT
-  APPLIANCES BEARING
THE CE MARK
-  IMPORTANT
INFORMATION

HONEY SUMPS

Four-chamber sump is used to filter the honey flowing directly from the honey extractor during spinning. It is equipped with strainers made of perforated stainless steel mesh of varying diameters that allow for precise filtering of the flowing honey. It is suitable to work with a pump. Vertical strainer can be additionally equipped with heat system that helps to get better filtered honey. For extra charge we can provide a float switch, which by working with a honey pump, controls the level of honey in the strainer and automatically starts and stops the pump.

W2084	Honey sump, 1000 mm
W2082A	Honey sump, 1500 mm
W2081A	Honey sump, heated, 1000 mm
W2081	Honey sump, heated, 1500 mm

Specifications:

- Length: 1000 or 1500 mm
- Number of chambers: 4 pieces
- Number of sieves (405 × 295 mm): 5 pieces (3 pieces: 3 mm mesh diameter, 2 pieces: mesh diameter of 1 mm)
- Number of drains: 1 × 6/4" 2 piece
- Type of valve: ball
- Power supply: 230V/50Hz
- Temperature regulation between: 30-55°C
- Heating power in W2081A and W2081: 230 V/440 W (length 1000 mm), 230 V/520 W (length: 1500 mm)



the honey level sensor is not included in the kit



External dimensions:

- Honey sump 1000 mm:
length: 1140 mm, width: 510 mm, height: 350 mm
- Honey sump 1500 mm:
length: 1640 mm, width: 510 mm, height: 350 mm

Internal dimensions:

- Honey sump 1000 mm:
length: 1000 mm, width: 410 mm, height: 300 mm
- Honey sump 1500 mm:
length: 1500 mm, width: 410 mm, height: 300 mm

CASCADE HONEY SIEVE WITH COVER AND ELECTRONIC HONEY LEVEL SENSOR



Specifications:

- acid-resistant stainless steel sheet
- thickness - 1 mm
- power supply - 230 V/50Hz
- total heating power 1040W:
- two plate heaters in the middle partitions: 300W each
- heating cable on side walls and bottom: 440W
- temperature regulator MHC-01 3 pcs.
- temperature control range - 30-55°C
- honey level sensor
- sieve lid
- external dimensions :
- length. 1600, width 710, height 350 mm
- internal dimensions:
- length 1500, width 400, height 300 mm
- number of drains - 1 x 6/4" spigot
- weight - 62.00 kg
- packing dimensions:
- length 1650, width 760, height 400 mm

W2079	Cascade honey sieve with cover, with electronic honey level sensor
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HONEY SUMP 50 L

Specifications W2001:

- Stainless steel acid resistant
- dimensions: Ø 400 mm, H-440 mm
- Number of drains: 2x 6/4" (flap valve)
- Number of sieves: 2 (mesh diameter 1 and 3 mm)

W2001	Vertical sieve on the base of stainless settler 50 l / ~70 kg
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HONEY FILTER ON THE BARREL

Operational manual:

1. Attach the hose to the cover and to the pump feeding honey into the tank (there is a possibility to change the tip from the pump side attached to the kit).
2. Attach the hose to the pump on the tank and put the other end into additional tank.
3. We enclose the set and we start filtering. After the filtration stage, there is a possibility to connect the hose from the pump to the cover and pre-swallowing with warm water after the tank has been flooded.

Specifications:

- Barrel's capacity: 200 l,
- Pump's power: 0,37 kW
- Efficiency: 900 l/h
- Honey level sensor

W370	Honey filter on the base of barrel 200 l / ~280 kg, with pump 400V / 0,37kW
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HONEY FILTER



Consists of 2 stainless steel pipes, acid – resistant, with the diameter of 48 mm (6/4"). The vertical pipe is finished with the connector that enables easy filter-to-pump hose insertion. The horizontal pipe is equipped with 4 nozzles with the diameter of 42 mm (5/4") with ball valves and flexible sieves. The entire set rests on 4 legs with adjustable spacing for easy fitting onto all types of uncapping tables (the table is not a part of the device - to be purchased separately). Each of these 4 filters can be switched on or off by turning the appropriate valve. It is useful during the cleaning of each filter. The filter can be fitted onto 1000 or 1500 mm tables.

All components are made of acid-resistant stainless steel. The device is user-friendly, easy to transport and clean as the required elements are easily dismantable.

W360	Honey filter (without an uncapping table)
FILTER_W360	Honey filter for W360, nylon



HONEY CREAMING



- STAINLESS STEEL ASTM 304
- STAINLESS STEEL ACID – RESISTANT
- APPLIANCES BEARING THE CE MARK
- IMPORTANT INFORMATION

Function	C-01	C-03 PREMIUM	C05
Stirrer operating time	Adjustable 5 to 15 minutes	Adjustable 5 to 15 minutes	Adjustable 5 to 15 minutes
Stirrer standstill time	Adjustable 45 to 90 minutes	Adjustable 45 to 480 minutes	Adjustable 45 to 480 minutes
Total creaming time	Continuous, adjustable: 1h, 24h, 36h, 48h, 60h, 72h, 84h, 96h, 99h	Adjustable 1 to 99 hours	Adjustable 1 to 99 hours
Stirrer speed adjustment	NO	YES	YES
Diagnostics	YES	YES	YES
Full diagnostics (Inverter fault detection)	NO	NO	YES
Operating hours counter	NO	NO	YES
Display	YES	YES	YES
Display contrast adjustment	NO	NO	YES
Power supply	3x400V	230V	230

These devices are designed for honey creaming. Construction of the mixing blade (made of stainless steel) allows creaming honey precisely. Honey creaming consists of inoculation of liquid honey with crystallized honey and abrasion of the honey crystals using a low rotational speed. The creaming process should run in "work-break" cycles (1 hour break for every 15 minutes of creaming). Good creamed honey should have consistence similar to butter.

Automatic control for honey creaming or creaming-decrystallization machines with power supply 400V or 230V.

CREAMING MACHINES 400V



CREAMING MACHINE	
W20088	50 l / ~70 kg, 400V, with automatic controller - CLASSIC
W20088A	70 l / ~98 kg, 400V, with automatic controller - CLASSIC
W20080NT	100 l / ~140 kg, 400V, with automatic controller - CLASSIC
W20080B	150 l / ~210 kg, 400V, with automatic controller - CLASSIC
W20080C	200 l / ~280 kg, 400V, with automatic controller - CLASSIC

capacity	diameter	drum height	total height	drum thickness	motor power	controller	rotation of mixer	valve
50 l / ~70 kg	400 mm	435 mm	650 mm	0,6 mm	0,18kW	C-01	36 RPM	Stainless 6/4"
70 l / ~98 kg	400 mm	615 mm	830 mm	0,6 mm	0,22kW	C-01	36 RPM	Stainless 6/4"
100 l / ~140 kg	500 mm	615 mm	830 mm	0,6/0,8 mm	0,55kW	C-01	36 RPM	Stainless 6/4"
150 l / ~210 kg	500 mm	815 mm	1020 mm	0,6/0,8 mm	1,1kW	C-01	36 RPM	Stainless 2"
200 l / ~280 kg	600 mm	735 mm	945 mm	0,6/0,8 mm	1,1kW	C-01	36 RPM	Stainless 2"

CREAMING MACHINES 230V



CREAMING MACHINE	
W20088_Z	50 l / ~70 kg, 230V, with automatic controller - CLASSIC
W20088A_Z	70 l / ~98 kg, 230V, with automatic controller - CLASSIC
W20080NT_Z	100 l / ~140 kg, 230V, with automatic controller - CLASSIC
W20080B_Z	150 l / ~210 kg, 230V, with automatic controller - CLASSIC
W20080C_Z	200 l / ~280 kg, 230V, with automatic controller - CLASSIC

capacity	diameter	drum height	total height	drum thickness	motor power	controller	rotation of mixer	valve
50 l / ~70 kg	400 mm	435 mm	680 mm	0,6 mm	0,18kW	C-05	36 RPM	Stainless 6/4"
70 l / ~98 kg	400 mm	615 mm	860 mm	0,6 mm	0,22kW	C-05	36 RPM	Stainless 6/4"
100 l / ~140 kg	500 mm	615 mm	860 mm	0,6/0,8 mm	0,55kW	C-05	36 RPM	Stainless 6/4"
150 l / ~210 kg	500 mm	815 mm	1075 mm	0,6/0,8 mm	1,1kW	C-05	36 RPM	Stainless 2"
200 l / ~280 kg	600 mm	735 mm	1000 mm	0,6/0,8 mm	1,1kW	C-05	36 RPM	Stainless 2"

CREAMING AND DECRYSTALLIZATION MACHINES 400V



CREAMING AND DECRYSTALLIZATION MACHINE	
W20087	50 l / ~70 kg, 400V, with automatic controller - CLASSIC
W20087C	70 l / ~98 kg, 400V, with automatic controller - CLASSIC
W20085	100 l / ~140 kg, 400V, with automatic controller - CLASSIC
W20086	150 l / ~210 kg, 400V, with automatic controller - CLASSIC
W20089	200 l / ~280 kg, 400V, with automatic controller - CLASSIC
W200890	600 l / ~840 kg, 400V, with automatic controller - CLASSIC

capacity	diameter	drum height	total height	drum thickness	motor power	controller	rotation of mixer	valve
50 l / ~70 kg	400/500 mm	490 mm	720 mm	0,6/0,8 mm	0,18kW	C-01	36 RPM	Stainless 6/4"
70 l / ~98 kg	400/500 mm	665 mm	890 mm	0,6/0,8 mm	0,22kW	C-01	36 RPM	Stainless 6/4"
100 l / ~140 kg	500/600 mm	665 mm	890 mm	0,6/0,8 mm	0,55kW	C-01	36 RPM	Stainless 6/4"
150 l / ~210 kg	500/600 mm	865 mm	1105 mm	0,6/0,8 mm	1,1kW	C-01	36 RPM	Stainless 2"
200 l / ~280 kg	600/700 mm	790 mm	1025 mm	0,6/0,8 mm	1,1kW	C-01	36 RPM	Stainless 2"
600 l / ~840 kg	800/900 mm	1510 mm	1800 mm	1,0/1,5 mm	4kW	C-01	36 RPM	Stainless 2"

CREAMING AND DECRYSTALLIZATION MACHINES 230V



CREAMING AND DECRYSTALLIZATION MACHINE	
W20087_Z	50 l / ~70 kg, 230V, with automatic controller - CLASSIC
W20087C_Z	70 l / ~98 kg, 230V, with automatic controller - CLASSIC
W20085_Z	100 l / ~140 kg, 230V, with automatic controller - CLASSIC
W20086_Z	150 l / ~210 kg, 230V, with automatic controller - CLASSIC
W20089_Z	200 l / ~280 kg, 230V, with automatic controller - CLASSIC

capacity	diameter	drum height	total height	drum thickness	motor power	controller	rotation of mixer	valve
50 l / ~70 kg	400/500 mm	490 mm	750 mm	0,6/0,8 mm	0,18kW	C-05	36 RPM	Stainless 6/4"
70 l / ~98 kg	400/500 mm	665 mm	920 mm	0,6/0,8 mm	0,22kW	C-05	36 RPM	Stainless 6/4"
100 l / ~140 kg	500/600 mm	665 mm	920 mm	0,6/0,8 mm	0,55kW	C-05	36 RPM	Stainless 6/4"
150 l / ~210 kg	500/600 mm	865 mm	1160 mm	0,6/0,8 mm	1,1kW	C-05	36 RPM	Stainless 2"
200 l / ~280 kg	600/700 mm	790 mm	1080 mm	0,6/0,8 mm	1,1kW	C-05	36 RPM	Stainless 2"

CREAMING MACHINES 230V



PREMIUM line



CREAMING MACHINE	
W20088_ZP	50 l / ~70 kg, 230V, with automatic controller - PREMIUM
W20088A_ZP	70 l / ~98 kg, 230V, with automatic controller - PREMIUM
W20080NT_ZP	100 l / ~140 kg, 230V, with automatic controller - PREMIUM
W20080B_ZP	150 l / ~210 kg, 230V, with automatic controller - PREMIUM
W20080C_ZP	200 l / ~280 kg, 230V, with automatic controller - PREMIUM

capacity	diameter	drum height	total height	drum thickness	motor power	controller	rotation of mixer	valve
50 l / ~70 kg	400 mm	435 mm	680 mm	0,6/0,8 mm	0,22kW	C-03	36 RPM	Stainless 6/4"
70 l / ~98 kg	400 mm	615 mm	860 mm	0,6/0,8 mm	0,37kW	C-03	36 RPM	Stainless 6/4"
100 l / ~140 kg	500 mm	615 mm	860 mm	0,8 mm	0,75kW	C-03	36 RPM	Stainless 6/4"
150 l / ~210 kg	500 mm	815 mm	1075 mm	0,8 mm	1,5kW	C-03	36 RPM	Stainless 2"
200 l / ~280 kg	600 mm	735 mm	1000 mm	0,8 mm	1,5kW	C-03	36 RPM	Stainless 2"

CREAMING AND DECRYSTALLIZATION MACHINES 230V



PREMIUM line



CREAMING AND DECRYSTALLIZATION MACHINE	
W20087_ZP	50 l / ~70 kg, 230V, with automatic controller - PREMIUM
W20087C_ZP	70 l / ~98 kg, 230V, with automatic controller - PREMIUM
W20085_ZP	100 l / ~140 kg, 230V, with automatic controller - PREMIUM
W20086_ZP	150 l / ~210 kg, 230V, with automatic controller - PREMIUM
W20089_ZP	200 l / ~280 kg, 230V, with automatic controller - PREMIUM

capacity	diameter	drum height	total height	drum thickness	motor power	controller	rotation of mixer	valve
50 l / ~70 kg	400/500 mm	490 mm	750 mm	0,8 mm	0,22kW	C-03	36 RPM	Stainless 6/4"
70 l / ~98 kg	400/500 mm	665 mm	920 mm	0,8 mm	0,37kW	C-03	36 RPM	Stainless 6/4"
100 l / ~140 kg	500/600 mm	665 mm	920 mm	0,8 mm	0,75kW	C-03	36 RPM	Stainless 6/4"
150 l / ~210 kg	500/600 mm	865 mm	1160 mm	0,8 mm	1,5kW	C-03	36 RPM	Stainless 2"
200 l / ~280 kg	600/700 mm	790 mm	1080 mm	0,8 mm	1,5kW	C-03	36 RPM	Stainless 2"

CREAMING DEVICES ON PAILS



W200401	Device for creaming honey on plastic pail 17,7 l / ~25 kg, 230V - OPTIMA
W200400	Device for creaming honey on plastic pail 31,5 l / ~44 kg, 230V - OPTIMA

capacity	diameter	drum height	total height	drum thickness	motor power	controller	rotation of mixer	valve
17,7 l / ~25 kg	310 mm	275 mm	425 mm	-	0,18kW	-	36 RPM	-
31,5 l / ~44 kg	360 mm	375 mm	525 mm	-	0,18kW	-	36 RPM	-

TRANSPORTING TROLLEY FOR CREAMING MACHINES



W6604	Transporting trolley for creaming machine 50 l, 70 l (without heating jacket)
W6605	Transporting trolley for creaming machine 100 l, 150 l (without heating jacket), 50 l, 70 l (with heating jacket)
W6606	Transporting trolley for creaming machine 200 l (without heating jacket), 100 l, 150 l (with heating jacket)
W6607	Transporting trolley for creaming machine 200 l (with heating jacket)

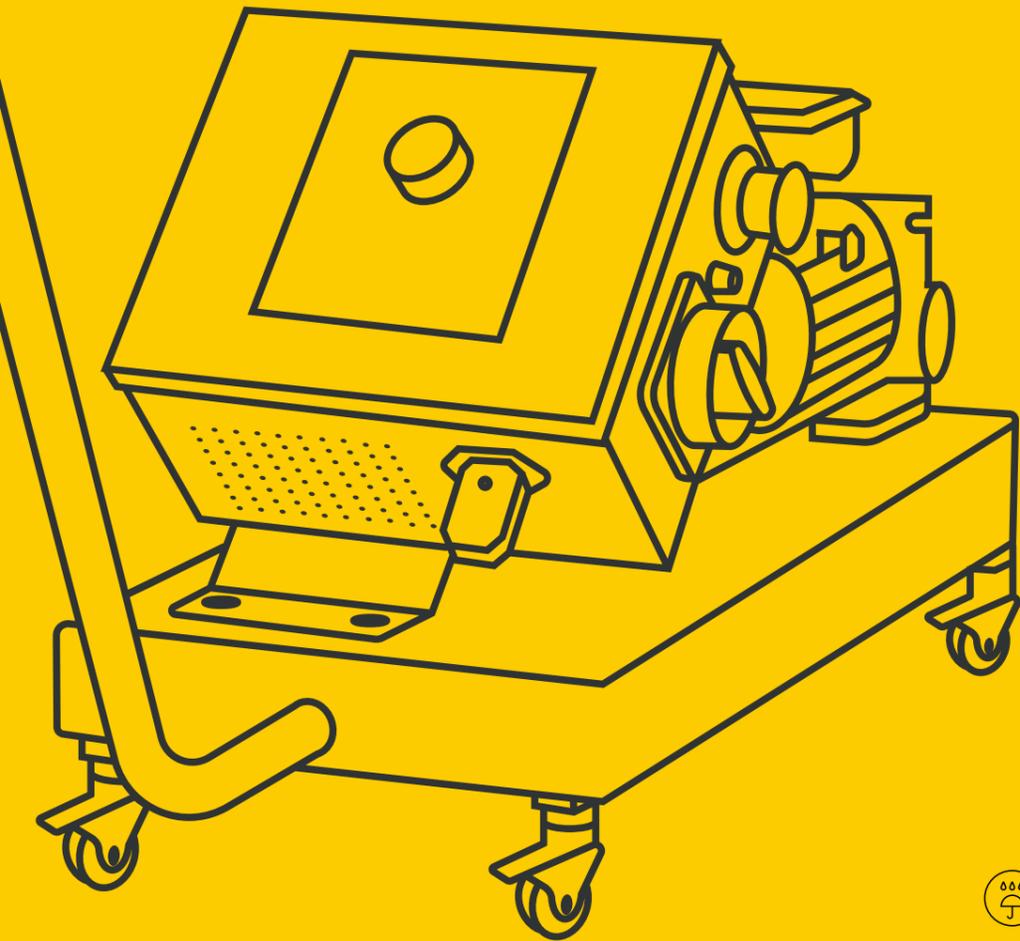
STANDS FOR CREAMING MACHINES

Height: 290 mm



ID	NAME
W32050N	Stainless stand for creaming machine 30 l, 50 l or 70 l
W32060N	Stainless stand for creaming machine 100 l, 150 l
W3206N	Stainless stand for creaming machine 200 l
W320600N	Stainless stand for creaming machine 300 l
W32060P	Stainless stand for creaming and decrystallization machine 30 l, 50 l or 70 l
W3206P	Stainless stand for creaming and decrystallization machine 100 l, 150 l
W320600P	Stainless stand for creaming and decrystallization machine 200 l
P_AMON	Anti-vibration pad for stands for settlers - set of 3 pcs

HONEY PUMPING



-  STAINLESS STEEL
ASTM 304
-  STAINLESS STEEL
ACID - RESISTANT
-  APPLIANCES BEARING
THE CE MARK
-  IMPORTANT
INFORMATION

HONEY PUMP COMPACT VERSION

- Specifications:
- Power supply: 400V
 - Motor power: 0,37kW
 - Efficiency: 900l/h
 - Quick release coupling to hose
Ø 40mm
 - Dimensions:
L: 350,
W: 250,
H: 350 mm
 - Weight - 12,3 kg



W2021G400	Honey pump (suction and force pump) 400V / 0,37kW - compact version
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HONEY PUMP (SUCTION AND FORCE DEVICE WITH GEAR MODULE)

- Characteristics:
- power supply - 400V
 - engine - 0.55 kW
 - efficiency - 1 650 l/h
 - quick couplings for Ø 40mm hose
 - dimensions: length 350, width 250, height 350 mm
 - net weight - 12.3 kg
- compact structure
 - casing easy to carry
 - gear module - easy disassembly for cleaning
 - tests have shown that the pump can feed honey to a height of about 7 m



ID	NAME
W2022NZ	Honey pump (suction and force pump, with gear module) 400V / 0,55kW - compact version

VERTICAL AUGER PUMP

Equipment designed especially for pumping honey out of barrels or tanks with no drain outlets. Made entirely of stainless steel and food grade synthetic material.

- Specifications:
- Motor power 2,2 kW
 - Power supply 400 V
 - Efficiency vary from 1500 l/h to 3000 l/h
 - Rotation: 2800 RPM
 - Ability to connect a 5/4" hose - Ø 40mm
 - crossbar-stand included



W20210S	Vertical auger honey pump 400V / 2,2kW
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HONEY PUMPS, 400V

W2021GN	Honey pump (suction and force pump) 400V / 0,37kW
W20210GN	Honey pump (suction and force pump) 400V / 1,5kW

- Dual purpose suction and force pump:
- Efficiency with honey temperature of 30°C:
 - 0,37kW - 900 l/h,
 - 1,5kW - 1500 l/h
 - Power supply: 400V
 - Quick release coupling to pump:
 - 0,37kW - Ø40 mm,
 - 1,5kW - Ø50 mm



The hose is not included in the pump kit.



HONEY PUMPS, 230V

W2021GNF	Honey pump (suction and force pump) 230V / 0,37kW (with inverter)
W20210GNF	Honey pump (suction and force pump) 230V / 1,5kW (with inverter)

- Dual purpose suction and force pump:
- Efficiency with honey temperature of 30°C:
 - 0,37kW - 900 l/h,
 - 1,5kW - 1500 l/h
 - Power supply: 230V
 - Quick release coupling to pump:
 - 0,37kW - Ø40 mm,
 - 1,5kW - Ø50 mm



The hose is not included in the pump kit.



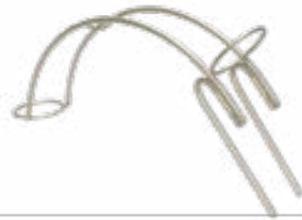
HONEY SUMP FLOAT SWITCHES

The sensors allow to control level of honey in the tank.
Mechanical sensor - starts the pump, when the max level is reached and stops at the low level



W4107	Mechanical honey level sensor, 400V
W4105	Mechanical honey level sensor, 230V

PIPE HANDLES



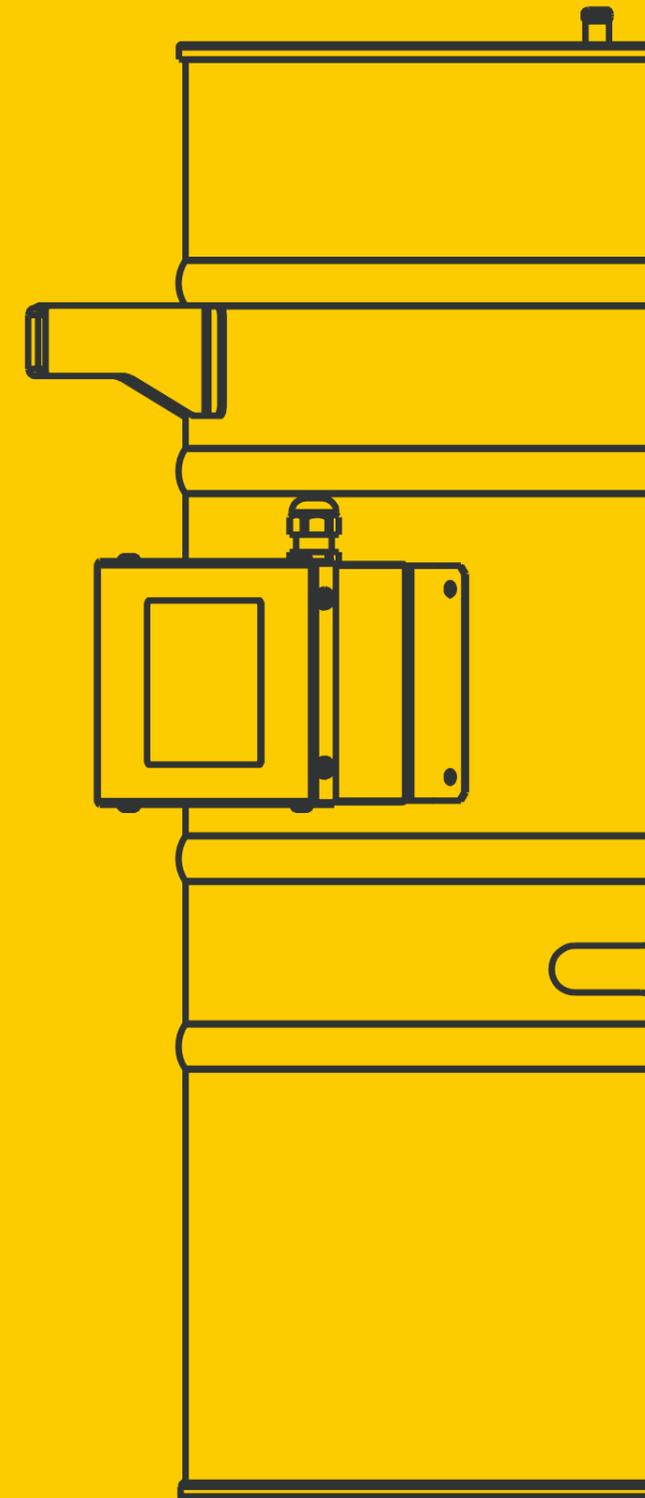
PIPE HANDLES	
W32600	stainless, Ø40 mm
W32601	stainless, Ø50 mm
W3260	painted, Ø40 mm

PUMP HOSES



PUMP HOSES	
5023	Ø40 mm (1 meter)
5024	Ø50 mm (1 meter)
5025	Ø60 mm (1 meter)

HONEY TANK & SETTLERS



-  STAINLESS STEEL
ASTM 304
-  STAINLESS STEEL
ACID - RESISTANT
-  APPLIANCES BEARING
THE CE MARK
-  IMPORTANT
INFORMATION

STAINLESS STEEL TANKS



The tanks are made of acid resistant stainless steel. Characteristic feature of the tanks is the conical shaped bottom which allows for effective and hassle free emptying. Tanks are equipped with integrated stainless steel stands, and a matching covers. Tanks are available in four equipment variants. Brushed steel outer surface. Tanks 1000 are equipped with level indicator.

STAINLESS STEEL TANK	
W852	500 l / ~700 kg, with stainless cover and integrated stand
W852P	500 l / ~700 kg, with stainless cover, integrated stand and heating system
W852M	500 l / ~700 kg, with acrylic glass cover, stirrer and integrated stand
W852MP	500 l / ~700 kg, with acrylic glass cover, stirrer, integrated stand and heating system
W853	1000 l / ~1400 kg, with stainless cover and integrated stand
W853P	1000 l / ~1400 kg, with stainless cover, integrated stand and heating system
W853M	1000 l / ~1400 kg, with acrylic glass cover, stirrer and integrated stand
W853MP	1000 l / ~1400 kg, with acrylic glass cover, stirrer, integrated stand and heating system

WATER- JACKETED STAINLESS STEEL SETTLER TANKS

1. Bleed nipple
2. Electric heater with temperature regulator
3. Oil drain valve / service valve
4. Wax drain valve
5. Temperature gauge



W7056MK

WATER - JACKETED STAINLESS STEEL SETTLER TANK	
W7056	70 l / ~98 kg, heated, with stainless valve 5/4" and handles
W7056MK	70 l / ~98 kg, heated, with stainless valve 5/4", handles and module for creaming honey, 400V
W7057	150 l / ~210 kg, heated, with stainless valve 5/4" and handles
W7057MK	150 l / ~210 kg, heated, with stainless valve 5/4", handles and module for creaming honey, 400V

Specifications:

- Heater power 2000W
- Power supply 230V
- Temperature range 0-75°C
- Drain valve 5/4"
- Handles

W7056

Dimensions:

- Tank: 400x450x707 mm (Ø internal, Ø external, height)
- Set: 570x660x730 mm (Ø internal, Ø external, height)

W7057

Dimensions:

- Tank: 500x550x862 mm (Ø internal, Ø external, height)
- Set: 670x760x887 mm (Ø internal, Ø external, height)



TRANSPARENT SETTLER 29L

Honey settler with heated stainless steel bottom. Walls made of certified material (tube PMMA XT). Equipped with honey gate and temperature controller which maintains constant temperature of honey. The main advantage of this device is that honey stored in it will keep consistency of strained honey (liquid). It also enables selling fresh honey directly from bee-keeper or in grocery stores.



Specifications:

- Supply voltage 230 V
- Power 150 W
- Temperature range 30 - 55°C
- capacity 29L / 40kg
- Stainless steel stand, coating made of transparent tube PMMA XT
- Diameter 250 mm, height 700 mm

W5020	Honey settler 29 l / ~40 kg with transparent jacket, heated
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BARREL 200L

- Diameter: 568 mm
- Height: 890 mm
- Made of stainless, acid-resistant steel with a thickness of 1 mm
- Closed with a lid and additionally with a stainless steel band bolted with two screws



W7016	Stainless steel barrel 200 l / ~280 kg
W7016A	Stainless steel barrel 200 l / ~280 kg, with a stainless valve 2"

BARREL PIPE

The pipe must be firmly attached to the barrel walls with the provided grip. Made of acid-resistant stainless steel with two replaceable hose adaptors: Ø50 and Ø40 mm.



W202	Honey pumping pipe
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STAINLESS SETTLERS PARAMETERS

OPTIMA line



capacity	diameter	thickness	height	valve
30 l / ~42 kg	400 mm	0,6 mm	300 mm	Plastic 6/4"
50 l / ~70 kg	400 mm	0,6 mm	440 mm	Plastic 6/4"
70 l / ~98 kg	400 mm	0,6 mm	610 mm	Plastic 6/4"
100 l / ~140 kg	500 mm	0,6/0,8 mm	610 mm	Plastic 6/4"
150 l / ~210 kg	500 mm	0,6/0,8 mm	810 mm	Plastic 2"
200 l / ~280 kg	600 mm	0,6/0,8 mm	730 mm	Plastic 2"
300 l / ~420 kg	650 mm	0,8 mm	985 mm	Plastic 2"

CLASSIC line



capacity	diameter	thickness	height	valve
30 l / ~42 kg	400 mm	0,6 mm	300 mm	Stainless 6/4"
50 l / ~70 kg	400 mm	0,6 mm	440 mm	Stainless 6/4"
70 l / ~98 kg	400 mm	0,6 mm	610 mm	Stainless 6/4"
100 l / ~140 kg	500 mm	0,6/0,8 mm	610 mm	Stainless 6/4"
150 l / ~210 kg	500 mm	0,6/0,8 mm	810 mm	Stainless 2"
200 l / ~280 kg	600 mm	0,6/0,8 mm	730 mm	Stainless 2"
300 l / ~420 kg	650 mm	0,8 mm	985 mm	Stainless 2"

PREMIUM line



capacity	diameter	thickness	height	valve
30 l / ~42 kg	400 mm	0,6 mm	460 mm	Stainless 6/4"
50 l / ~70 kg	400 mm	0,6 mm	592 mm	Stainless 6/4"
70 l / ~98 kg	400 mm	0,6 mm	765 mm	Stainless 6/4"
100 l / ~140 kg	500 mm	0,6 mm	780 mm	Stainless 6/4"
150 l / ~210 kg	500 mm	0,6 mm	995 mm	Stainless 2"
200 l / ~280 kg	600 mm	0,6 mm	920 mm	Stainless 2"

SETTLERS OPTIMA LINE



The characteristic feature of OPTIMA LINE settlers is a plastic flap valve. The valve in the settler is ready for a customer to assemble.

STAINLESS STEEL SETTLER - OPTIMA	
7028_RU	30 l / ~42 kg, with a plastic valve 6/4" - OPTIMA
7034_RU	50 l / ~70 kg, with a plastic valve 6/4" - OPTIMA
7035_RU	70 l / ~98 kg, with a plastic valve 6/4" - OPTIMA
7036_RU	100 l / ~140 kg, with a plastic valve 6/4" - OPTIMA
7039_RU	150 l / ~210 kg, with a plastic valve 2" - OPTIMA
7037_RU	200 l / ~280 kg, with a plastic valve 2" - OPTIMA
7050_RU	300 l / ~420 kg, with a plastic valve 2" - OPTIMA



SETTLERS CLASSIC LINE



SETTLER CLASSIC LINE	
7028N	30 l / ~42 kg, with a stainless valve 6/4" - CLASSIC
7028NU	30 l / ~42 kg, with a stainless valve 6/4", with handles - CLASSIC
7034N	50 l / ~70 kg, with a stainless valve 6/4" - CLASSIC
7034NU	50 l / ~70 kg, with a stainless valve 6/4", with handles - CLASSIC
7035N	70 l / ~98 kg, with a stainless valve 6/4" - CLASSIC
7035NU	70 l / ~98 kg, with a stainless valve 6/4", with handles - CLASSIC
7036N	100 l / ~140 kg, with a stainless valve 6/4" - CLASSIC
7036NU	100 l / ~140 kg, with a stainless valve 6/4", with handles - CLASSIC
7039N	150 l / ~210 kg, with a stainless valve 2" - CLASSIC
7039NU	150 l / ~210 kg, with a stainless valve 2", with handles - CLASSIC
7037N	200 l / ~280 kg, with a stainless valve 2" - CLASSIC
7037NU	200 l / ~280 kg, with a stainless valve 2", with handles - CLASSIC
7050N	300 l / ~420 kg, with a stainless valve 2" - CLASSIC
7050NU	300 l / ~420 kg, with a stainless valve 2", with handles - CLASSIC

SETTLERS CLASSIC LINE WITH HORIZONTAL SIEVE



SETTLER CLASSIC LINE WITH HORIZONTAL SIEVE	
7028N_S	30 l / ~42 kg, with a stainless valve 6/4", with stainless sieve - CLASSIC
7028NU_S	30 l / ~42 kg, with a stainless valve 6/4", with stainless sieve, with handles - CLASSIC
7034N_S	50 l / ~70 kg, with a stainless valve 6/4", with stainless sieve - CLASSIC
7034NU_S	50 l / ~70 kg, with a stainless valve 6/4", with stainless sieve, with handles - CLASSIC
7035N_S	70 l / ~98 kg, with a stainless valve 6/4", with stainless sieve - CLASSIC
7035NU_S	70 l / ~98 kg, with a stainless valve 6/4", with stainless sieve, with handles - CLASSIC
7036N_S	100 l / ~140 kg, with a stainless valve 6/4", with stainless sieve - CLASSIC
7036NU_S	100 l / ~140 kg, with a stainless valve 6/4", with stainless sieve, with handles - CLASSIC
7039N_S	150 l / ~210 kg, with a stainless valve 2", with stainless sieve - CLASSIC
7039NU_S	150 l / ~210 kg, with a stainless valve 2", with stainless sieve, with handles - CLASSIC
7037N_S	200 l / ~280 kg, with a stainless valve 2", with stainless sieve - CLASSIC
7037NU_S	200 l / ~280 kg, with a stainless valve 2", with stainless sieve, with handles - CLASSIC
7050N_S	300 l / ~420 kg, with a stainless valve 2", with stainless sieve - CLASSIC
7050NU_S	300 l / ~420 kg, with a stainless valve 2", with stainless sieve, with handles - CLASSIC

Sieves are made of stainless steel, designed for filtering honey

SETTLERS PREMIUM LINE



“Premium Line” settlers consist of: a drum, a conical bottom and a drainpipe in the bottom. These settlers are made of polished stainless steel with 0,6 mm thickness. The thickness of the bottom is 0,8 mm. The pipe is connected to the wall of the stand. The honey gate is screwed to this pipe. Settlers are equipped with stainless steel cover with rubber seal secured with clasps.

STAINLESS STEEL SETTLER WITH CONICAL BOTTOM - PREMIUM	
W71P	30 l / ~42 kg, with a stainless valve 6/4”, with handles, with conical bottom - PREMIUM
W72P	50 l / ~70 kg, with a stainless valve 6/4”, with handles, with conical bottom - PREMIUM
W73P	70 l / ~98 kg, with a stainless valve 6/4”, with handles, with conical bottom - PREMIUM
W74P	100 l / ~140 kg, with a stainless valve 6/4”, with handles, with conical bottom - PREMIUM
W75P	150 l / ~210 kg, with a stainless valve 2”, with handles, with conical bottom - PREMIUM
W76P	200 l / ~280 kg, with a stainless valve 2”, with handles, with conical bottom - PREMIUM



TRANSPORTING TROLLEY FOR SETTLERS

Trolley dimensions:

- Settler Ø400: 320×320 mm, height: 140 mm
- Settler Ø500: 420×420 mm, height: 160 mm
- Settler Ø600: 520×520 mm, height: 160 mm



W6601	Trolley for transporting settlers Ø400 mm
W6602	Trolley for transporting settlers Ø500 mm
W6603	Trolley for transporting settlers Ø600 mm

SETTLERS WITH HEATED DRUM



SETTLER WITH HEATED DRUM	
4043A	50 l / ~70 kg, with a stainless valve 6/4”, heated, 230V
4043D	70 l / ~98 kg, with a stainless valve 6/4”, heated, 230V
4043C	100 l / ~140 kg, with a stainless valve 6/4”, heated, 230V
4043E	150 l / ~210 kg, with a stainless valve 2”, heated, 230V
4043B	200 l / ~280 kg, with a stainless valve 2”, heated, 230V
W32060P	Stainless stand for creaming and decrystallization machine 30 l, 50 l or 70 l
W3206P	Stainless stand for creaming and decrystallization machine 100 l, 150 l
W320600P	Stainless stand for creaming and decrystallization machine 200 l



STAINLESS STEEL SETTLER WITH HEATED DRUM AND CONICAL BOTTOM - PREMIUM



STAINLESS STEEL SETTLER WITH HEATED DRUM AND CONICAL BOTTOM - PREMIUM	
4043A_P	50 l / ~70 kg, with a stainless valve 6/4”, heated, 230V - PREMIUM
4043D_P	70 l / ~98 kg, with a stainless valve 6/4”, heated, 230V - PREMIUM
4043C_P	100 l / ~140 kg, with a stainless valve 6/4”, heated, 230V - PREMIUM
4043E_P	150 l / ~210 kg, with a stainless valve 2”, heated, 230V - PREMIUM
4043B_P	200 l / ~280 kg, with a stainless valve 2”, heated, 230V - PREMIUM



MANUAL BOTTLING VALVES



W4010	Stainless manual bottling valve 5/4" or 6/4"
W4010Z	Stainless manual bottling valve 2"

- Specifications:
- Stainless valve, with flange 5/4", 6/4", 2"
 - Stainless handle with support

A settler is sold separately.



STANDS FOR SETTLER

Height: 290 mm



STAINLESS STAND	
W32050N	for settler 30 l, 50 l or 70 l
W32060N	for settler 100 l, 150 l
W3206N	for settler 200 l
W320600N	for settler 300 l
P_AMON	Anti-vibration pad for stands for settlers - set of 3 pcs

HEAT MELTER



W5010	Heat melter / cover with basket (for stainless settler 100 l, 150 l)
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- Specifications:
- Power supply 230 V
 - Heater power 1 kW
 - Suitable for 150 L honey settler
 - Temperature range 30-120°C
 - Material thickness 0,8 mm

A settler is sold separately.



HANDLES



Settlers below 150 l - straight
Settlers above 150 l - at an angle

PNEUMATIC VALVES



W4011	Stainless steel pneumatic valve 5/4" or 6/4"
W4011Z	Stainless steel pneumatic valve 2"

- Specifications:
- Cone valve, with flange 5/4", 6/4", 2"
 - Pneumatic actuator
 - Air connecting cables
 - Air foot pedal
 - Air connection valve

A settler is sold separately.



SIEVES



STAINLESS STEEL SIEVE	
W7022	for honey settlers 30 l, 50 l or 70 l
W7021	for honey settlers 100 l, 150 l
W7020	for honey settlers 200 l
W7023	for honey settlers 300 l

STAND



LP4004	Stand for settlers and jars
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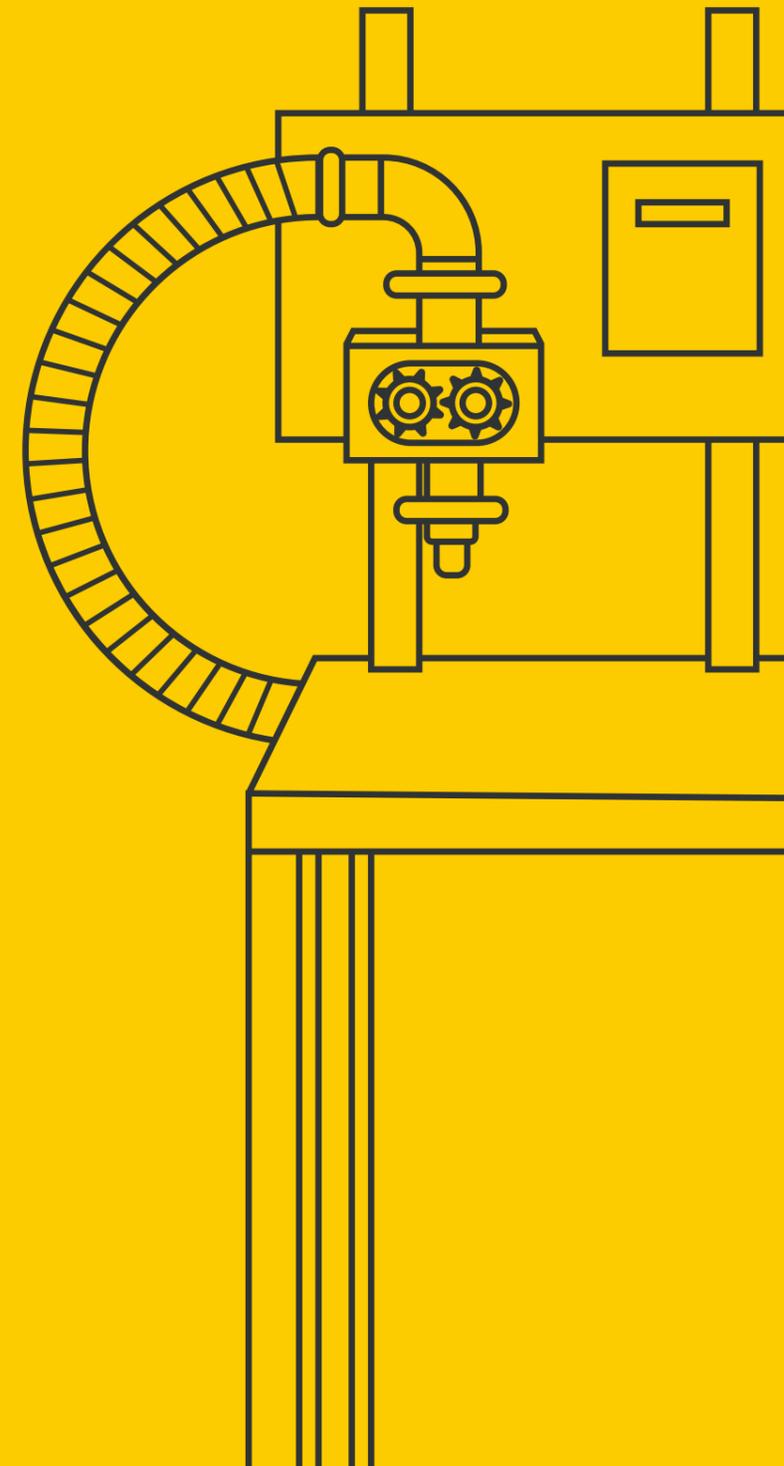
Stand for settlers with an extra shelf for jars. The solution enables easy and comfortable honey bottling.

A settler is sold separately.



HANDLE	
UCHWYTODS_30_70	for honey settler 30 l, 50 l or 70 l (bar)
UCHWYTODS_100_150	for honey settler 100 l, 150 l (bar)
UCHWYTODS_200	for honey settler 200 l (bar)
UCHWYTODS_300	for honey settler 300 l (bar)

HONEY DOSING



 STAINLESS STEEL
ASTM 304

 STAINLESS STEEL
ACID - RESISTANT

 APPLIANCES BEARING
THE CE MARK

 IMPORTANT
INFORMATION

AUTOMATIC HONEY BOTTLING LINE - CLASSIC

- The line consists of:
- 2 turn tables of 900 mm diameter.
- Honey bottler unit
- 2000 mm conveyor belt for jar filling



The device has been designed to be used by single person. The conveyor belt stops automatically when the jar is directly under the filling nozzle. Filling range from 250g to 1250g.

W204004 Automatic honey dosing line - CLASSIC

Specifications:

- Total length: 3,8 m
- Each element has a separate controller
- Table power: 120W/pc
- Dispenser power: 270 W
- Both turntables and bottler are made of acid-resistant stainless steel
- The whole line is fitted onto a rack equipped with wheels for easy moving

LABELING MODULE FOR AUTOMATIC BOTTLING LINE

Module dedicated for W204004 honey bottling line. Automatic labeling machine is designated for automatic application of self-adhesive labels, significantly simplifying work process with labeling of filled jars.

Device was designed to work with jars of capacity from 250 g to 1250 g. Labeler is equipped with modern microprocessor controller, photoelectric sensor, responsible for positioning of jars and optical sensor, responsible for positioning of labels. Labeling efficiency depends on dispenser speed.

W4086 Labeling machine for W204004 (Automatic honey dosing line - CLASSIC)



Main characteristics:

- adjustable speed conveyor belt
- side guides for transportaion of jars with adjustable spacing
- label dispenser driven by step motor
- pneumatic jars separator
- compatible with jars within the size range between 250 g and 1250 g

Technical data:

- supported labels: self-adhesive
- maximum label height: 120 mm
- external roll diameter: 240 mm
- inner roll diameter: 40-76 mm
- work pressure: 2-4 bar
- label guides: stainless with aluminium-polyurethane bearings
- power: 230V/50Hz
- device dimensions: length: 750 mm, width: 900 mm, height: 950 mm

HEATED TANK

Specifications:

- Power supply: 230V
- Heater power: 440W

Heated tank, designed for maintaining an adequate temperature of honey during the filling of the jars. The device is equipped with a 5/4 inch ball valve and an electronic level sensor which stops the pump after reaching a certain level.



W7052

Tank 100 l / ~140 kg, heated, with stand, for W204004 (Automatic honey dosing line - CLASSIC)

DUAL CHAMBER HEATED TANK

Specifications:

- Power supply: 230V
- Heater power: 750W

Dual-chamber heated tank designed for maintaining an adequate temperature of honey during honey bottling. It consists of two separate chambers, 150 l each. The device is equipped with two 6/4 inch ball valves and an electronic level sensor which stops the pump after reaching a preset level. By using directional valve, chambers can be filled with different types of honey (pictured tank with two valves).



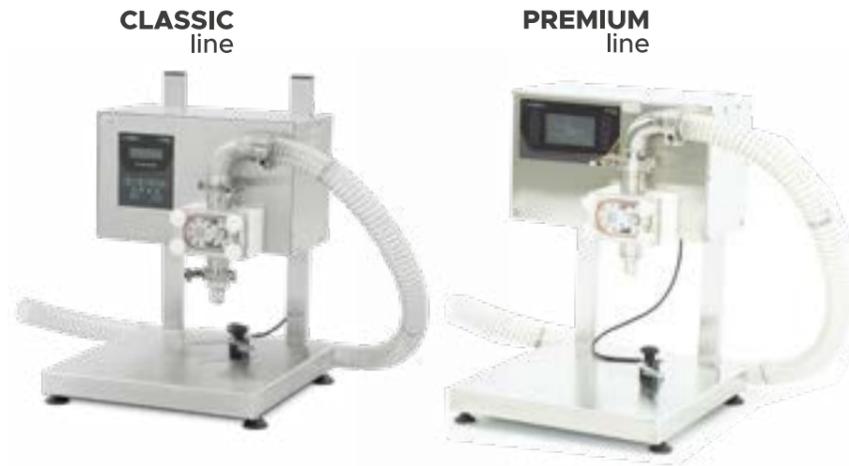
W7051

Tank 300 l / ~420 kg, dual chamber, heated, for W204004 (Automatic honey dosing line - CLASSIC)

HONEY BOTTLERS

Main features:

- Low speed pump with silicone impeller (W204001, W204003)
- Low speed pump with a gear module (W204001Z, W204003Z)
- Digitally controlled
- Fills about 350 jars of 500 g per hour (depending on the type and density of honey) (W204001, W204003).
- Fills about 400 jars of 500 g per hour (depending on the type and density of honey) (W204001Z, W204003Z).
- Filling accuracy: up to 1200g +/- 1%, above 1200g +/- 1.5%
- Filling range from 50 g to 45 kg
- Can be used as a pump (after disassembling the nozzle)
- All parts that have a direct contact with honey are made of stainless steel or plastic approved for food contact
- 230V / 180 W



The honey bottler set consists of:
honey bottler unit, foot switch, hose pipe 1.5 m, quick hose connector pump, hose clamp

HONEY BOTTLER	
W204001	Honey bottler with stand, 230V - CLASSIC
W204003	Honey bottler with stand, 230V - PREMIUM
W204001Z	Honey bottler (with gear module) with stand, 230V - CLASSIC
W204003Z	Honey bottler (with gear module) with stand, 230V - PREMIUM

HONEY BOTTLERS WITH MINI TURNTABLE

Its compact size and advanced design allows to speed up the honey bottling process even in the smaller workshop. Designed to be used by single person.

- Dimensions: width: 81cm, base width: 50cm, height: 63,5cm
- Turntable diameter: 60cm



W204012	Mini turntable Ø 600 mm
W204013	Honey bottler with mini turntable Ø 600 mm - CLASSIC
W204013Z	Honey bottler (with gear module) with mini turntable Ø 600 mm - CLASSIC



- Nozzle made of stainless steel (OH18N9).
- Weight: 0,6 kg
- M38x1,5 connection thread identical to the nozzle mounted as standard to the bottler.
- Nozzle equipped with a membrane that prevents honey from dripping during breaks during bottler's operation.
- Membrane made of EPDM.

59900033	Dispensing nozzle for honey bottlers with gear module
W340010	Check valve - dedicated bottlers equipment

HONEY BOTTLERS WITH AUTOMATIC TURNTABLE



This automatic turntable consists of:

- Table base: height-adjustable base allows for the regulation of the dispensing device's height, it is equipped with wheels
- Turntable made of stainless steel: The table top is divided by jars guide - into two parts. The first part is for the empty jars to fill in; the second part is for filled jars,
- The controller regulates speed of the table

Technical parameters of the table:

- Ø of the top 90 cm
- Height: 82 cm
- dimensions and volume of the fill up jars: min. Ø 3 cm and 4,5 cm high, min. Ø 15 cm and 30 cm high
- Power supply: 230 V / 180W

W204010	Automatic turntable Ø 900 mm for honey bottler W204001 (Honey bottler, 230V, with stand - CLASSIC)
W204002	Honey bottler with automatic turntable Ø 900 mm - CLASSIC
W204002P	Honey bottler with automatic turntable Ø 900 mm - PREMIUM
W204002Z	Honey bottler (with gear module) with automatic turntable Ø 900 mm - CLASSIC
W204002PZ	Honey bottler (with gear module) with automatic turntable Ø 900 mm - PREMIUM

HONEY BOTTLER OPTIMA LINE

- Power supply: 230V/160W
- Self-priming, low speed pump with gear module improved durability thanks to gear module
- All the parts which has direct contact with honey are made of stainless steel and plastic approved for contact with food
- Fills around 350 jars 500g per hour (depends on the condensity of honey)
- Filling accuracy: up to 1200 g +/- 1% above 1200 g +/- 1,5 %
- Filling range – from 50 g to 11 kg

- Dimensions: 420x380x480 mm (LxWxH)
- Weight – 15 kg



W204001O Honey bottler with stand, 230V - OPTIMA

MANUAL HONEY DISPENSER

Technical data and product advantages:

- made of stainless, acid-resistant steel OH18N9
- maximum vessel dimensions: Ø 70 mm / height 120 mm
- adjustable stand for jars of different heights
- bottler dosing: max to capacity 150 ml
- dimensions of the manual bottler: length 320, width 270, height 710 mm
- tank volume: 14 dm³
- weight: 16.5 kg



W2045 Manual honey bottler (for capacity up to 150 ml)

HONEY DECRYSTALLIZATION



-  STAINLESS STEEL
ASTM 304
-  STAINLESS STEEL
ACID – RESISTANT
-  APPLIANCES BEARING
THE CE MARK
-  IMPORTANT
INFORMATION

DECRYSTALLIZATION



Warming cabinets are devices used for honey decrystallization, that is for changing the set of honey from a solid (crystallized) into liquid. Equipped with heating element and blower fan, which allows for better heat distribution inside the cabinet. Digital temperature controller protects honey from overheating.



W204100

Specifications:

- Capacity: 90 l (18 jars 900ml)
- Power: 100W
- Temperature range: 30-55°C
- Internal dimensions: 380×540×340 (W×H×D)
- External dimensions: 550×810×440 mm (W×H×D)

W204100A

Specifications:

- Capacity: 490 l
- Power: 1000W
- Temperature range: 30-55°C
- Internal dimensions: 690×1010×740 mm (W×H×D)
- External dimensions: 875×1205×865 mm (W×H×D)

W204100	Warming cabinet, capacity 90 l
W204100A	Warming cabinet, capacity 490 l

Electronic temperature controller

The electronic temperature controller is equipped with a 7-segment LED display for an easy temperature reading. Temperature control is in the range of 30-55 degrees Celsius and measurement accuracy +/- 1.5°C. Temperature reading is rounded to the decimal point of the Celsius degree. The running time of the basic controller is 1 to 96 hours after which time the unit switches off. The controller has a built-in preheating function for 0-60 minutes and a temperature of 30-40 degrees Celsius. After the preheat mode is completed, the controller switches to the basic operating mode. Operation of the controller and heating element is signaled by two LEDs (orange and red).

WARMING CABINET FOR ONE BARREL 300KG

W40780

Specifications:

- Capacity: barrel 300 kg
- Power: 2000W
- Temperature range: 30-55°C
- Internal dimensions: 910×1210×1300 mm (W×H×D)
- External dimensions: 1135×1290×1535 mm (W×H×D)

W40781

Specifications:

- Capacity: pallet 120x120 cm
- Power: 2000W
- Temperature range: 30-55°C
- Internal dimensions: 1310×1160×1300 mm (W×H×D)
- External dimensions: 1520×1235×1535 (W×H×D)



W40780	Warming cabinet for one barrel 215 l / ~300 kg
W40781	Warming cabinet for pallet with one barrel 215 l / ~300 kg

CONICAL HEATING SPIRAL

Technical data:

- the device is made of acid-resistant stainless steel
- power supply: 230 V
- heating power 50 W
- maximum temperature: 45°C
- dimensions:
length: 380 mm,
width: 200 mm,
height: 380 mm
- weight: 1.25 kg



 The sieve and the stand are not included in the set.



W32010 Conical heating spiral Ø 200 mm, 50W

HEATING COILS OPTIMA LINE

Heating coil:

- 3 sizes:
- Ø250 mm - 800W 230V
- Ø330 mm - 1000W 230V
- Ø480 mm - 1600W 230V
- Temperature range, up to 90°C



W3207_OL	Heating coil Ø 250 mm, 800W - OPTIMA
W3208_OL	Heating coil Ø 330 mm, 1000W - OPTIMA
W3210_OL	Heating coil Ø 480 mm, 1600W - OPTIMA

HEATING COILS CLASSIC LINE



W3207	Heating coil Ø 250 mm, 800W - CLASSIC
W3208	Heating coil Ø 330 mm, 1000W - CLASSIC
W3210	Heating coil Ø 480 mm, 1600W - CLASSIC

STAND FOR HEATING COIL

W3500101

Stand for Heating coil 250 - 480 mm

Components:

- leg - rod Ø15 - 3 pcs.
- vertical pipe Ø48 mm - length 550 mm with knob - 1 pc.
- standpipe Ø42 mm - length 750 mm - 1 pc.
- pipe connector - 1 pc.
- horizontal pipe Ø42 mm - length 400 mm with clamp - 1 pc.

W3500101 Stand for heating coil Ø 250-480 mm



HIVE BODY HEATER

Made of stainless steel, can be used to warm up bodies if there is no heating in the workshop.

Heater can be used with 12-frame Dadant bodies, Langstroth and DN. It is also suitable for other bodies if adapter inserts are used. Before uncapping and extruding, bodies should be placed on the heater for several hours. Warm air is distributed between frames and is warming them up to facilitate easier uncapping and extracting.

Technical parameters:

- Power supply 230 V
- Power 300 W
- Temperature range 30 - 55°C
- Heater is constructed from multi layer board and reinforced with stainless steel
- Dimensions:
650×470×260 mm



W3012 Hive body heater, 300W

ELECTRONIC TEMPERATURE CONTROLLER

The electronic temperature controller is mounted in heated devices (warming cabinets, heating coils classic, hive body heater, settlers, honey sumps, creaming machines, pollen dryer).

It is equipped with a 7-segment LED display for an easy temperature reading. Temperature control is in the range of 30-55 degrees Celsius and measurement accuracy +/- 1.5 °C. Temperature reading is rounded to the decimal point of the Celsius degree. The running time of the basic controller is 1 to 96 hours after which time the unit switches off. The controller has a built-in preheating function for 0-60 minutes and a temperature of 30-40 degrees Celsius. After the preheat mode is completed, the controller switches to the basic operating mode. Operation of the controller and heating element is signaled by two LEDs (orange and red).



3

WAX MELTING



 STAINLESS STEEL
ASTM 304

 STAINLESS STEEL
ACID - RESISTANT

 APPLIANCES BEARING
THE CE MARK

 IMPORTANT
INFORMATION

WAX MELTERS



This device is intended for the wax recovery from frames or dried material using steam. It consists of external tank, with water and basket for frames or dried material. Additional equipment consists of a gas stool, which heats the water tank to generate steam.

- User's manual of wax melters W4075 and W4076:
1. Fill the tank with water to the drain pipe level
 2. Fill the basket with frames or dried honeycombs
 3. Cover the device with lid
 4. Place the gas stool under the device in such way that it heats the whole bottom surface
 5. Wait until the steam is generated and the melted wax flows through the drain pipe
 6. After the melting is done, check the water level and top it up if needed.
 7. Fill the basket with frames or dried honeycombs
 8. Repeat the points 6 and 7 until the melting is finished
 9. After melting is finished turn the gas stool off and close the gas cylinder
 10. Clean the basket and prepare it for the next use

WAX MELTER

Must be used with gas reducer.



Number of frames fitting into the basket:
10/14 Dadant frames (normal/hoffman)

W4076	Stainless wax melter (medium large) + gas stool
OPCJA_TD	OPTION: Sealing ring for W4076 (Stainless wax melter (medium large))
P_AMWO	Anti-vibration pad for wax melters - set of 4 pcs



Free of charge: gas burner 9300W with thermocouple, supply: propane-butane

Specifications:

- Material: stainless steel,
- total height: 800 mm
- FREE OF CHARGE: Gas stool with thermocouple
- Power supply: LPG

Tank dimensions:

- length: 580 mm,
- width: 420 mm,
- height: 600 mm,
- drain diameter: 1"

Frame basket dimensions:

- length: 525 mm,
- width: 370 mm,
- height: 420 mm

WAX MELTER



Number of frames fitting into the basket:
8/11 Dadant frames (normal/hoffman)

W4075	Stainless wax melter (small) + gas stool
OPCJA_TM	OPTION: Sealing ring for W4075 (Stainless wax melter (small))

Specifications:

- Material: stainless steel,
- total height: 820 mm

Tank dimensions:

- length: 515 mm,
- width: 360 mm,
- height: 495 mm,
- drain diameter: 1"

Frame basket dimensions:

- length: 455 mm,
- width: 285 mm,
- height: 305 mm



Free of charge: gas burner 9300W with thermocouple, supply: propane-butane



WAX MELTER INSULATED

Number of frames fitting into the basket:
10/15 Dadant frames (normal/hoffman)

W4076O	Stainless wax melter (medium large), insulated + gas stool
P_AMWO	Anti-vibration pad for wax melters - set of 4 pcs

Designed for wax recovery from frames or drought using a steam method. It consists of an external tank (with water in it) and the frame or drought accomodating basket. It is equipped with insulated sides and cover to eliminate energy loss. It comes with a 7kW gas stool to heat the water tank.

Specifications:

- Material: stainless steel

Frame basket dimensions:

- length: 450 mm,
- width: 375 mm,
- height: 430 mm



Free of charge: gas burner 9300W



External tank dimensions:

- length: 585 mm,
- width: 515 mm,
- height: 615 mm (with legs - 808 mm)
- drain diameter: 1"

WAX MELTER WITH WATER SEALING

Devices may be used outside or in well-ventilated rooms. Gas pressure reducer not included



W4075UW	Stainless wax melter (small), water seal + gas stool
W4076UW	Stainless wax melter (medium large), water seal + gas stool

Tank dimensions (L×W×H):

- W4076UW: 580×420×600 mm
- W4075UW: 515×360×495 mm

Frame basket dimensions (L×W×H):

- W4076UW: 5530×375×440 mm
- W4075UW: 445×290×330 mm



Free of charge: gas burner 9300W

WAX MELTER

Number of frames fitting into the basket:
24/34 Dadant frames (normal/hoffman)

W4070	Stainless wax melter (large) + gas stool
P_AMWO	Anti-vibration pad for wax melters - set of 4 pcs

Material:

- Acid stainless steel
- Steel thickness 0,8mm, bottom 1 mm
- diameter of the trigger -1"

Dimensions of the tank:

- length – 1050 mm
- width – 620 mm
- height – 940 mm

The dimensions of the basket for frames:

- length – 870 mm
- width – 455 mm
- height – 430 mm
- Weight– 35 kg



WAX MELTER

Number of frames fitting into the basket:
84/117 Dadant frames (normal/hoffman)

 Free of charge: gas burner 9300W with thermocouple, supply: propane-butane

W4072	Stainless wax melter (extra large) + gas stool
REDB	Adaptor for gas cylinder to stainless wax melter

Tank dimensions:

- external height: 830 mm
- external width and length: 1154 mm × 1154 mm

Frame basket dimensions:

- height: 410 mm
- width and length: 1000 mm × 1000 mm

Specifications:

- Material: stainless steel
- Power supply (of the gas stool): LPG
- drain diameter: 40 mm: 2 pcs
- water drain diameter: 25 mm

Additional equipment (after extra charge)

- wheels,
- gas stool



WAX MELTER INSULATED



 Free of charge: gas burner 9300W with thermocouple, supply: propane-butane

Number of frames fitting into the basket:
84/117 Dadant frames (normal/hoffman)

Designed for wax recovery from frames or drought using a steam method. It consists of an external tank (for water) and the frame or drought accommodating basket. It is equipped with insulated sides to eliminate energy loss. It comes with a 7,5kW gas stool to heat the water tank.

W4072_O	Stainless wax melter (extra large), insulated + gas stool
REDB	Adaptor for gas cylinder to stainless wax melter

- Basket dimensions for frames: 990×990×410 mm
- Gas stool free

- External dimensions: 1165×1165×825 mm



WAX MELTER WITH STEAM GENERATOR

W5030	Wax melter based on stainless settler 70 l (Ø400 mm), perforated basket + steam generator
2059	Steam generator



Technical specifications:

- Heater power: 2000 W,
- Power supply : 230 V,
- Water tank capacity 4 l,
- Warming up time 10 min,
- Hose length 3,5 m
- Stand and tray included

WAX MELTER ON THE BASE OF STAINLESS SETTLER



W4097P

3 types of product available:

- ECO without steam generator,
- ECO with steam generator
- PREMIUM with perforated basket and gas stool

WAX MELTER ON THE BASE OF STAINLESS SETTLER

W4097	100 l (Ø500 mm), without a steam generator - eco version
W4097W	100 l (Ø500 mm) + steam generator - eco version
W4097P	100 l (Ø500 mm), perforated basket + gas stool
W4096	200 l (Ø600 mm), without a steam generator - eco version
W4096W	200 l (Ø600 mm) + steam generator - eco version
W4096P	200 l (Ø600 mm), perforated basket + gas stool



W4097W

Technical parameters:

- Acid stainless steel
- steel thickness cover/bottom 0,6mm / 0,8mm
- connectors - 2"
- cover
- perforated, stainless, acid-proof contribution with a sieve
- tray

100 l wax melter:

- diameter – Ø520 mm
- high – 630 mm

200 l wax melter:

- diameter – Ø630 mm
- high – 750 mm

WAX MELTER ON THE BASE OF POLIPROPYLENE PAIL



W4077	Wax melter based on polipropylene pail 31,5 l + steam generator
W253	Stainless steel basket for W4077 (Wax melter based on polipropylene pail 31,5 l)

This device is designed to recover the wax from bee frames or dried material using a steam method.

Device consists of:

- Polypropylene pail, cap. 33 l
- Stainless steel basket, cap. 20 l
- Metal stand
- Tray for melted wax
- Steam generator: Power supply 230V, Power 2000 W, Water capacity 4 l

WAX MELTER WITH WATER GRATE



W4081	Wax melter with water grate
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Specifications:

- acid resistant stainless steel body
- power supply – 400V/32A
- tank heater – 4,5 kW
- grating heater – 7,5 kW
- tank's water jacket temperature range: 30~45°C
- grating temperature range 30-90°C
- external dimensions: 1800×880×1000mm (L×W×H)
- weight: 145 kg.

WAX MELTERS COMBINED WITH UNCAPPING TABLE

W4074	Steam wax melter combined with uncapping table 1000 mm in one
W4074A	Steam wax melter combined with uncapping table 1500 mm in one

Material:

- Acid stainless steel
- Power supply – 400 V
- the heating power of the steam generator - 6 kW
- number of triggers - internal thread 6/4"
- steel thickness 0,8 mm

Uncapping table:

- sieve
- cover
- stand for uncapping frames table width reducing rail (max. Frame width 470 mm)



HEATING COVERS FOR UNCAPPING TABLES



- Heating cover for uncapping table.
- Power supply: 230V,
- Heating power: 1,5kW (for melter 1000 mm) and 3kW (for melter 1500 mm)
- Temperature controller

HEATING COVER FOR STANDARD UNCAPPING TABLE	
PG100D	Dadant 1000 mm - OPTIMA
PG150D	Dadant 1500 mm - OPTIMA
PG100WL	Deutsch Normal 1000 mm - OPTIMA
PG150WL	Deutsch Normal 1500 mm - OPTIMA
PG100LN	Langstroth 1000 mm - OPTIMA
PG150LN	Langstroth 1500 mm - OPTIMA

HEATING COVER FOR REINFORCED UNCAPPING TABLE	
PG100D_W	Dadant 1000 mm - OPTIMA or CLASSIC
PG150D_W	Dadant 1500 mm - OPTIMA or CLASSIC
PG100WL_W	Deutsch Normal 1000 mm - OPTIMA or CLASSIC
PG150WL_W	Deutsch Normal 1500 mm - OPTIMA or CLASSIC
PG100LN_W	Langstroth 1000 mm - OPTIMA or CLASSIC
PG150LN_W	Langstroth 1500 mm - OPTIMA or CLASSIC

MINI WAX MELTERS

W4090

- acid-resistant stainless steel
- Power supply – 230V
- Heating power - 2 kW
- Drain valve – ball valve 1/2"
- Temperature range 0 - 75°C
- Capacity of the tank (inside) 10 l
- Capacity of heating jacket 10 l
- Dimensions: length 400 mm, width 400 mm, height 380 mm
- weight – 9,3 kg



W4090 Mini round wax melter, heating jacket

W4099_SET

- acid stainless steel,
- steel thickness - outside 1mm, inside 1,5mm
- power 230V,
- heating power 2 kW,
- ball valve, stainless steel 1/2"
- adjustable temperature 0 - 75°C
- dimensions length 600 mm width 300 mm height 650 mm



W4099_S

W4099_SET Mini wax melter, heating jacket, insulated cover

W4099_S Hangers with stand for candle production - set of 5 pcs

HOT WATER WAX MELTER

Technical parameters:

- acid-resistant stainless steel
- Power supply – 3x400V/16A
- Heating power - 3,5 kW
- Water drain valve – 1/2"
- Wax drain valve – 1"
- Temperature range 0 - 80°C
- Capacity 100 l
- Ø outside tank - 600 mm
- Ø Int. tank - 500 mm
- Dimensions: Int. height 595 mm
- Out height 650 mm
- weight – 26 kg



W7053 Hot water wax melter

WAX STERILIZER 50 L WITH INSULATED JACKET

Technical parameters:

- Heater output 2 kW
- Power supply 230V
- Capacity 50 l
- Weight approx. 40 kg
- Drain valve of heating liquid 1/2"
- Water drain valve 5/4"
- Wax drain valve 3/4"
- Outside diameter 500 mm
- Inner diameter 400 mm
- Total unit height 550 mm



W7064P Wax sterilizer 50 l, insulated jacket

WAX STERILIZER 200 L, WITH INSULATED JACKET

Technical parameters:

- water drain valve 2"
- wax drain valve 3/4"
- oil or glycol drain valve 1/2"
- Venting
- heater 6kW, 400V, temperature range 50-190°C
- Ø outside tank - 705 mm
- Ø Int. tank - 580 mm
- Overall dimensions of the tank: 960×860×1100 mm
- capacity: 200 l
- Weight of tank without oil 75 kg
- total volume of the tank (valves, heater) 840×740 mm
- Heating jacket capacity: 100 l,
- medium: glycol

W7058P Wax sterilizer 200 l, insulated jacket



ROTARY WAX MELTER

The rotary melter is a device designed to recover wax from cut frames or entire frames located in a perforated basket. The drum, at the bottom of which there is a heater immersed in water, generating steam, heats the load to the appropriate temperature, enabling effective wax centrifugation. The melter is equipped with an external tank with a low water level protection that prevents the heater from burning. After obtaining the appropriate temperature, the melter melts down full load in about 20 minutes

Technical data:

- Material: drum, perforated basket with an eyelet Ø3, cover - stainless steel - acid-resistant OH18N9
- legs, rim, control housing - black powder coated steel
- Controller: SDD-2DP
- Power supply: 230V / 50Hz
- Heater power: 2800W
- Motor power: 250W
- Valve: flap 6/4 "
- Melter height: 1110mm
- Drum height/ diameter 480/505 mm
- Drain valve distance from the ground: 370mm



ID	NAME
W4805	Rotary wax melter

WAX SEPARATORS



- Separator made entirely of acid-resistant stainless steel
- Drum diameter - Ø900 mm
- Cover material: PMMA , thickness 6mm
- Magnetic lock of the cover opening
- Supply voltage: 230VAC
- Drive power: 0.37 kW
- Heating power: 0.9 kW
- Drive located underneath the drum
- Clutch for easy withdrawal of the work assembly
- Maximum speed: 280 rpm
- Adjustable basket speed
- Temperature regulator in the range of 30÷55°C
- Feed tray : on the side of the drum at the bottom
- Draining spigot:
- TC spigot DN 50 (6/4") + hose connection fi 50 mm

Overall dimensions: L1320, W1000, H1360 mm
Unit empty weight: 110 kg



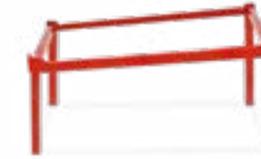
W4850_O

ID	NAME
W4850	Wax separator
W4850_O	Wax separator with heated bottom

SOLAR WAX MELTERS



WITH THE POSSIBILITY OF CONNECTING A STEAM GENERATOR



W3249	Stainless solar wax melter (large)
W3200TD	Stand for W3249 (Stainless solar wax melter (large))

W3249

- External dimensions:
width: 55 cm, height: 20.5 cm, length: 92 cm
- Tub dimensions (for frames putting):
width: 50 cm, length: 77 cm, height: 5 cm
- Cover from chamber plate



W3248A	Stainless solar wax melter (small)
W3200TM	Stand for W3248A (Stainless solar wax melter (small))

W3248A

- External dimensions:
width: 36 cm, height: 21.5 cm, length: 62.5 cm
- Tub dimensions (for frames putting):
width: 34 cm, length: 47 cm
- Cover from chamber plate



W3247	Plastic solar wax melter (small)
W3200P	Stand for W3247 (Plastic solar wax melter (small))

W3247

- External dimensions:
width: 41 cm, height: 20,5 cm, length: 61 cm
- Tub dimensions (for frames putting):
width: 34 cm, length: 39 cm
- Cover from chamber plate



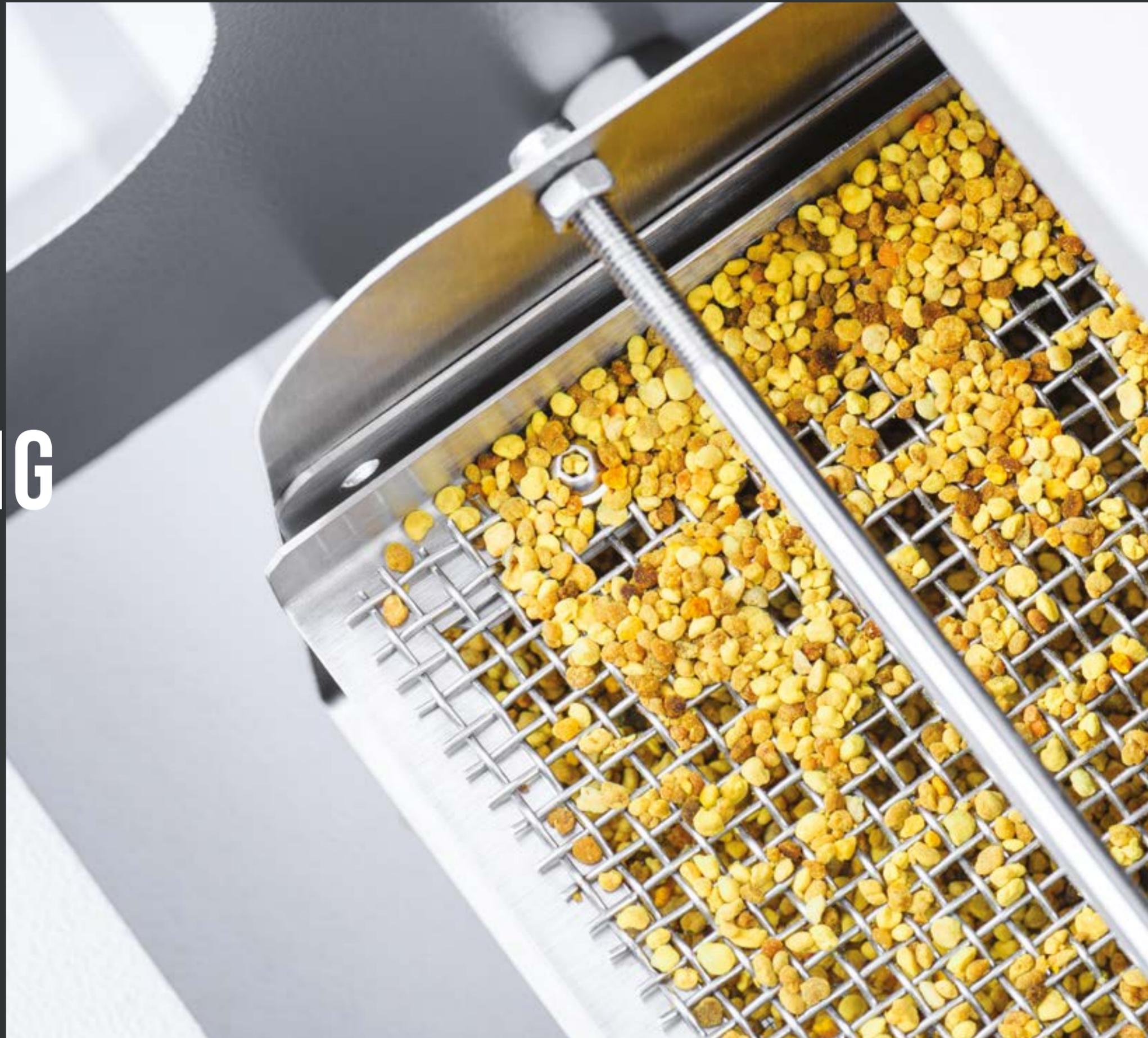
9131	Wooden solar wax melter (zinc frame insert)
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9131

- External dimensions:
width: 52.5 cm, length: 67 cm
- Tub dimensions (for putting frames):
width: 48 cm, length: 53 cm, height: 5 cm
- Cover from chamber plate
- Wax melter made from MDF

4

POLLEN PROCESSING



 STAINLESS STEEL
ASTM 304

 STAINLESS STEEL
ACID - RESISTANT

 APPLIANCES BEARING
THE CE MARK

 IMPORTANT
INFORMATION

POLLEN DRYERS STAINLESS STEEL

W3258C

External dimensions:

- width - 430 mm
- height - 1280 mm
- depth - 525 mm

Technical parameters:

- made of acid resistant stainless steel
- heater power 1000W
- temperature range - 30-55°C
- voltage - 230V
- fan power - 30W
- overheating protection

W3258D

External dimensions:

- width - 430 mm
- height - 870 mm
- depth - 525 mm

Technical parameters:

- made of acid resistant stainless steel
- heater power 1000W
- temperature range - 30-55°C
- voltage - 230V
- fan power - 30W
- overheating protection



W3258D	Pollen dryer, stainless steel - 5 drawers
W3258C	Pollen dryer, stainless steel - 10 drawers

POLLEN DRYER 30 KG OF POLLEN



W3262000 Pollen dryer, stainless steel (for 30 kg of pollen)

External dimensions:

- width - 1045 mm
- height - 870 mm
- depth - 545 mm
- width (of the opening through which the trolley passes) - 555 mm
- height (of the opening through which the trolley passes) - 815 mm
- wall of the chamber / thickness - 20 mm

Trolley dimensions:

- width - 550 mm
- height (with wheels) - 810 mm
- depth - 490 mm
- number of dryers - 10 pcs
- width of dryer - 460 mm
- length of dryer - 460 mm
- depth of dryer - 30 mm
- height of wheels - 115 mm



Pollen dryers parameters and specifications:

- pollen dryer entirely made of acid resistant stainless steel
- heaters power - 1x2 kW
- temperature controller
- power supply - 230 V
- ventilator - 100W

POLLEN DRYER 60 KG OF POLLEN



W326200 Pollen dryer, stainless steel (for 60 kg of pollen)

External dimensions:

- width - 1150 mm
- height - 950 mm
- depth - 650 mm
- width (of the opening through which the trolley passes) - 660 mm
- height (of the opening through which the trolley passes) - 925 mm
- wall of the chamber / thickness - 20 mm

Trolley dimensions:

- width - 655 mm
- height (with wheels) - 910 mm
- depth - 595 mm
- number of dryers - 12 pcs
- width of dryer - 565 mm
- length of dryer - 565 mm
- depth of dryer - 30 mm
- height of wheels - 115 mm



Pollen dryers parameters and specifications:

- pollen dryer entirely made of acid resistant stainless steel
- heaters power - 2x2 kW
- possibility of using one or two heaters
- temperature controller
- power supply - 400 V
- ventilator - 2x100W

POLLEN DRYER 100 KG OF POLLEN



W32620 Pollen dryer, stainless steel (for 100 kg of pollen)

External dimensions:

- width - 1150 mm
- height - 1390 mm
- depth - 655 mm
- width (of the opening through which the trolley passes) - 660 mm
- height (of the opening through which the trolley passes) - 1360 mm
- wall of the chamber / thickness - 20 mm

Trolley dimensions:

- width - 655 mm
- height (with wheels) - 1350 mm
- depth - 595 mm
- number of dryers - 20 pcs
- width of dryer - 565 mm
- length of dryer - 565 mm
- depth of dryer - 30 mm
- height of wheels - 115 mm



Pollen dryers parameters and specifications:

- pollen dryer entirely made of acid resistant stainless steel
- heaters power - 2x2 kW
- possibility of using one or two heaters
- temperature controller
- power supply - 400 V
- ventilator - 2x100W

POLLEN CLEANERS



Specifications:

- construction made of powder coated black sheet
- refills made of stainless steel
- power supply – 230 V
- engine power – 250 W with adjustable speed
- fun power 67 W with adjustable speed
- weight – 22 kg

Dimensions:

- L: 90 cm,
- W: 40 cm,
- H: 65 cm

Pollen cleaner is designed to separate pollen from "chaff" using air flow. It consists of a centrifugal fan and a set of two oscillating sieves.

Pollen cleaner:

- economical control unit
- separate motors for sieves and a fan for more precise chaff removal
- Pollen cleaner design allows for:
 - adjusting sieve angle
 - adjusting pollen intake

- Pollen cleaner, painted
- Two separate motors:
 - fan motor 350 W
 - sieve motor 250 W

Dimensions:

- Height: 71 cm
- Width: 51 cm
- Length: 73 cm

W3215	Pollen cleaner, powder coated steel, 230V - OPTIMA
3213	Pollen cleaner, powder coated steel, 230V
W3214	Pollen cleaner (large), stainless steel, 230V



W3215



3213

Components:

- 4 blade (flat) centrifugal fan
Blade dimensions: 43x15 cm
- Set of 2 oscillating sieves.
- Sieve parameters:
 - Size - 40x32,5 cm
 - Mesh - 4 mm
 - Material - stainless 0,5 mm
- Funnel shaped intake container 45x45 cm
- Adjustable sieve height
- Anti-injury protection system
- Adjustable speed

Two separate motors:

- fan motor:
 - 120 W, 2800 RPM, gear reducer 25/7,5
- sieve motor:
 - 90 W, 1400 RPM, gear reducer 25/7,5



W3214

DRY POLLEN CLEANER – MAXI

Pollen dry cleaner – MAXI is a modern and innovative solution, equipped with 3 fans. It has a smooth adjustment of the force of the blown air. The construction material of the device is powder coated steel. Elements in direct contact with pollen are made of stainless steel. The fans are supplemented by movable, reinforced screens made of stainless steel. The upper meshes are 4 mm in diameter and the lower ones are 0.5 mm in diameter.

Technical specifications:

- the construction - powder coated steel
- chute and cleaning inserts made of steel stainless
- power supply - 230 V
- power consumed - 285 W.
- drive motor with smooth rotation regulation
- fans have smooth rotation regulation
- dimensions:
 - length 1,380 (folded), 1,710 (unfolded)
 - width 1350, height 1870 mm
- net weight - 190 kg

W3216	Pollen cleaner (extra large), powder coated steel, 230V
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VIBRATING POLLEN CLEANER 45 L

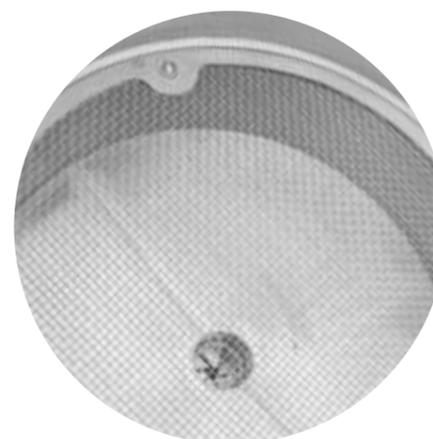
Description:

- Fill capacity 45 litres
 - Power supply 230V
 - power output 50W
 - Stepless vibration motor adjustment
 - knitted stainless steel mesh, 4x4mm mesh
 - width 510mm
 - depth 710mm
 - height 1200mm
 - weight 42kg
- Dirt separator 230V/1650W



The bucket is not included

W3217	Vibrating pollen cleaner 230V, 45 l
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BEEHIVES & BEEHIVE ELEMENTS



ROOFS

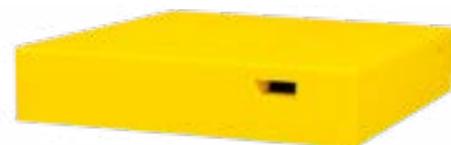
Roofs are isolating upper part of the hive.

There are two types of roofs: high and low.

Thanks to high edges (several centimeters) there is more space above crown board / inner cover.

This enables placing feeder or feeding jars in the upper part which normally remains empty.

There are four vent-holes which have the same size as holes in bodies.



CROWN BOARDS

Crown board is protecting upper part of bee nest. It has a form of flat plate with thick edges.

On the crown board surface there are 5 to 7 round vent-holes.

Plastic "spider web" shaped plugs can be placed inside vent-holes or vent-holes can be closed with Styrofoam plugs. Crown board is the most important part of a beehive which is responsible for ventilation of a bee nest.

Ventilation intensity can be controlled by opening or closing vent-holes in the crown board's surface.

Bees can be fed from "twist-off" jars with syrup or fed through round holes in crown board. In order to do that, closed jars with perforated lids should be placed 'bottom up' on "Spider web" plug in crown board's holes.



Crown board in the Styrofoam hives is the most important part that ventilates bee nest. "Spider web" plug mesh except its ventilating function works as excellent propolis trap. The purity of propolis which is harvested this way is 1st class and does not require further purification.



HIVE BODIES

• Hive body – Honey super

Honey super body is used for storing honey. Such body (depending on the frame size in brood box) is usually half lower and has half lower capacity than brood box.

• Honey super has following application:

- it increases hive capacity during transport,
- it is possible to place insulating material or feeder inside the body,
- it increases ventilation if it is placed between bottom board and brood box where bee colony is wintering.

Apart from complete, ready to use styrofoam bodies, some of the producers offer self-assembly bodies in which all parts that can be screwed together.

Before assembling, hive has relatively small size, what is especially important during transport from a producer to the customer. Hive body which is screwed with bolts has lower flexibility and has lower stress sensitivity.

In case of small damages, there is no need of replacing whole body as there is possibility of replacing only damaged wall. Brood boxes, honey supers (bodies) and bottom boards are produced with and without notches.

• Brood boxes

There is located nest of bee colony. In most of the beehives they serve as honey super (honey 'storehouse'). In the brood box there are 10 brood frames. Each styrofoam body is equipped with vent-hole.

If needed vent-hole can be closed with trapeze-shaped plastic ventilation cap with perforation or tight styrofoam cap.

In the outside part of the hive bodies there are grooves which enable easy grasping and transportation.



Single parts of beehive have reinforced notches in the corners which facilitate chisel insertion.

BOTTOM BOARDS

• Low and high bottom board

(Bottom board) is a flat bottom of the hive. Its edges are constructed in the way that enables to keep 4 cm distance between bottom and bottom slats of frames which are placed in lower body. Bottom board is equipped with 4 round vent holes closed with 'spiders web' plug – plastic covers with perforation. Vent holes can be closed with round styrofoam covers. Along the front edge of the hive bottom board there is an entrance hole which size can be regulated with a plastic insert.

• High bottom board

• Low bottom board



HIGH VARROA BOTTOM BOARDS

High varroa bottom board is in shape of a flat box with sidewalls which are several centimeters high. It is equipped with a mesh excluder. On the bottom there is plastic tray (drawer).

In the front wall there is an entrance hole which size can be regulated with a plastic insert.

In the bottom of a styrofoam hive bottom board there are flat feet made of strong plastic, that are protecting the bottom from damages during transport. Varroa bottom enables varroa diagnosis.



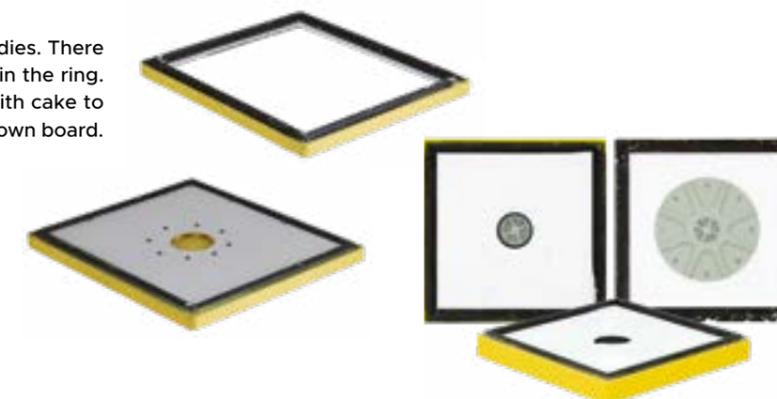
POLYSTYRENE POLLEN TRAP

An optional hive element which allows to harvest bee pollen by removing it from the bees' pollen baskets and collecting them on the bottom board's trap. The trap should be mounted directly on the bottom board.



DISTANCE RINGS

(Distance rings) increase the space between the bodies. There is a beaverboard with installed bee escape embed in the ring. Distance ring can be used during colony feeding with cake to increase distance between top bars of frames and crown board.



DADANT BEEHIVES WITH PLASTIC BOTTOM

Dadant hive set:

- high roof
- 2x body 1/2 - available in two sizes:
 - size A*:** 40 x 47 x H: 14,2 cm (inner dimensions) - 2 pcs
 - size B*:** 40 x 47 x H: 15,8 cm (inner dimensions) - 2 pcs
- crown board
- 1x body (inner dimensions): 40 x 47 x 29,5 cm
- plastic bottom board

*When placing an order, please indicate, which size of body 1/2 (size A or size B) is required.

Dadant 1/2 hive set:

- high roof
- 4x body 1/2 - available in two sizes:
 - size A*:** 40 x 47 x H: 14,2 cm (inner dimensions) - 4 pcs
 - size B*:** 40 x 47 x H: 15,8 cm (inner dimensions) - 4 pcs
- crown board
- plastic bottom board

*When placing an order, please indicate, which size of body 1/2 (size A or size B) is required.

- Frame dimensions:**
- Dadant: 470x300 mm
 - Dadant 1/2 (SIZE A): 470x145 mm
- or
- Dadant 1/2 (SIZE B): 470x160 mm



coloured	not painted	
SIZE A		
LU1008H	LU10080H	Dadant beehive with high plastic hygienic bottom
LU1006B	LU100600B	Dadant 1/2 beehive with high hygienic plastic bottom
SIZE B		
LU1008H_B	LU10080H_B	Dadant beehive with high plastic hygienic bottom
LU1006B_B	LU100600B_B	Dadant 1/2 beehive with high hygienic plastic bottom

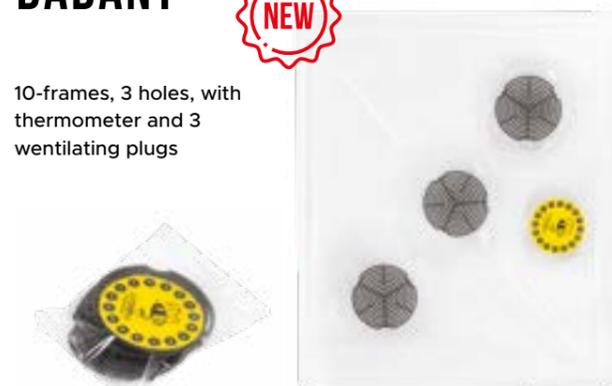
- Varroa control
- High endurance
- Lowest price on the market
- Easy to clean and disinfect



8051	Hygienic plastic bottom board - Dadant
8059	Hygienic plastic bottom Dadant OPTIMA

CROWN BOARD TRANSPARENT DADANT

10-frames, 3 holes, with thermometer and 3 ventilating plugs



W102109	Crown board transparent Dadant 10-frames, 3 holes, with thermometer and 3 ventilating plugs
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ACCESSORIES TO PLASTIC BOTTOM BOARD

ACCESSORIES TO PLASTIC BOTTOM BOARD	
8051S	Grid for plastic varroa bottom Dadant
8050KR	Metal grid for plastic varroa bottom
3179	Plastic entrance reducer
8051T	Plastic tray to the hygienic bottom: Dadant

DADANT BEEHIVES OPTIMA



Dadant hive set:

- high roof
- 2x body 1/2 - available in two sizes:
 - size A*:** 40 x 47 x H: 14,2 cm (inner dimensions) - 2 pcs
 - size B*:** 40 x 47 x H: 15,8 cm (inner dimensions) - 2 pcs
- 1x body (inner dimensions): 40 x 47 x 29,5 cm
- plastic bottom low hygienic board OPTIMA

*When placing an order, please indicate, which size of body 1/2 (size A or size B) is required.

- Frame dimensions:**
- Dadant: 470x300 mm
 - Dadant 1/2 (SIZE A): 470x145 mm
- or
- Dadant 1/2 (SIZE B): 470x160 mm



Ventilating plugs included as standard to every beehive with ventilation

not painted		NAME
LU10080H_O		Dadant beehive OPTIMA with low plastic hygienic bottom SIZE A
LU10080H_B_O		Dadant beehive OPTIMA with low plastic hygienic bottom SIZE B
painted		
ORANGE	GREEN	
LU1008H_O_POM	LU1008H_O_ZC	Dadant beehive OPTIMA with low plastic hygienic bottom SIZE A
LU1008H_O_B_POM	LU1008H_O_B_ZC	Dadant beehive OPTIMA with low plastic hygienic bottom SIZE B

DADANT BEEHIVES OPTIMA



COMPONENTS OF DADANT OPTIMA BEEHIVES		
not painted		NAME
W10170_O		Dadant body
W10180_O		Dadant body 1/2 SIZE A
W10750_O		Dadant body 1/2 SIZE B
W10150		High roof with ventilation
painted		
ORANGE	GREEN	
W1017_O_POM	W1017_O_ZC	Dadant body
W1018_O_POM	W1018_O_ZC	Dadant body 1/2 SIZE A
W1075_O_POM	W1075_O_ZC	Dadant body 1/2 SIZE B
GREY		
W1015_SZ		High roof with ventilation
plastic		
8059		Plastic bottom board OPTIMA



DADANT BEEHIVES WITH POLYSTYROL BOTTOM

- Dadant hive set:
- high roof
 - 2× body 1/2 - available in two sizes:
 - size A*: 40 × 47 × H: 14,2 cm (inner dimensions) - 2 pcs
 - size B*: 40 × 47 × H: 15,8 cm (inner dimensions) - 2 pcs
 - crown board
 - 1× body (inner dimensions): 40 × 47 × 29,5 cm
 - low, high or high varroa bottom board
- *When placing an order, please indicate, which size of body 1/2 (size A or size B) is required.
- Frame dimensions:
- Dadant: 470×300 mm
 - Dadant 1/2 (SIZE A): 470×145 mm
 - or
 - Dadant 1/2 (SIZE B): 470×160 mm



DADANT BEEHIVE SIZE A		
painting	not painting	
W1007	W10070	with low bottom board
W1008	W100800	with high bottom board
W1008H	W10080H	with high varroa bottom board
W1008D	W10080D	with bottom board pollen trap

DADANT BEEHIVE SIZE B		
painting	not painting	
W1007_B	W10070_B	with low bottom board
W1008_B	W100800_B	with high bottom board
W1008H_B	W10080H_B	with high varroa bottom board
W1008D_B	W10080D_B	with bottom board pollen trap

DADANT 1/2 BEEHIVES WITH POLYSTYROL BOTTOM

- Dadant 1/2 hive set:
- high roof
 - 4× body 1/2 - available in two sizes:
 - size A*: 40 × 47 × H: 14,2 cm (inner dimensions) - 4 pcs
 - size B*: 40 × 47 × H: 15,8 cm (inner dimensions) - 4 pcs
 - crown board
 - low, high or high varroa bottom board
- *When placing an order, please indicate, which size of body 1/2 (size A or size B) is required.
- Frame dimensions:
- Dadant 1/2 (SIZE A): 470×145 mm
 - or
 - Dadant 1/2 (SIZE B): 470×160 mm



DADANT 1/2 BEEHIVE SIZE A		
painting	not painting	
W1005	W10050	with low bottom board
W1006	W100600	with high bottom board
W1006B	W100600B	with high varroa bottom board
W1006D	W100600D	with bottom board pollen trap

DADANT 1/2 BEEHIVE SIZE B		
painting	not painting	
W1005_B	W10050_B	with low bottom board
W1006_B	W100600_B	with high bottom board
W1006B_B	W100600B_B	with high varroa bottom board
W1006D_B	W100600D_B	with bottom board pollen trap

DADANT BEEHIVES PINK/GREEN

Body 1/2 - available in two sizes:

- **size A***: 40 × 47 × H: 14,2 cm (inner dimensions) - 2 pcs
- **size B***: 40 × 47 × H: 15,8 cm (inner dimensions) - 2 pcs

*When placing an order, please indicate, which size of body 1/2 (size A or size B) is required.

Frame dimensions:

- Dadant: 470×300 mm
- Dadant 1/2 (SIZE A): 470×145 mm or
- Dadant 1/2 (SIZE B): 470×160 mm



NAME	PINK	GREEN
Dadant hive with a high hygienic plastic bottom board - painted	LU1008H_R	LU1008H_Z
Dadant body	W1017_R	W1017_Z
Dadant body 1/2 SIZE A	W1018_R	W1018_Z
Dadant body 1/2 SIZE B	W1075_R	W1075_Z

NAME	GREY
High roof with ventilation	W1015_SZ
Crown board	W1021_SZ
Distance ring with a bee escape (monolith)	W1026_M-SZ

COMPONENTS OF DADANT AND DADANT 1/2 BEEHIVES



BASIC COMPONENTS FOR DADANT		
painted	not painted	
W1016	W10160	Roof, low
W1015	W10150	Roof, high
W1021	W10210	Crown board
W1018	W10180	Body 1/2 SIZE A
W1075	W10750	Body 1/2 SIZE B
W1017	W10170	Body
W1122	W11220	Low bottom board
W1022	W10220	High bottom board
W102200	W1022000	High varroa bottom board
W1025	W10250	Bottom board pollen trap

ADDITIONAL COMPONENTS FOR DADANT		
painted	not painted	
W1123A	W11230	Body feeder
W1024	W10240	Pollen trap screen fits W1022/W10220
W102400	W1024000	Pollen trap for Varroa bottom board fits W102200/W1022000
W1026	W10260	Distance ring
W602220	W602220N	Distance ring with bee escape, 8 outlet
-	W1030	Partition 1/2
-	W1029	Partition
W1147	-	Varroa bottom screen

POLISH LANGSTROTH/ RUTA BEEHIVE (FRAME 435×230 MM)

Langstroth hive set

- high roof
 - 1× body 1/2 (inner dimensions): 37,5 × 44,5 × H: 11,5 cm
 - crown board
 - 2× body (inner dimensions): 37,5 × 44,5 × H: 22,5 cm, - 2pcs
 - low, high or high varroa bottom board
- Langstroth frame dimensions:
- 435×230 mm



POLISH LANGSTROTH/RUTA BEEHIVE		
painted	not painted	
W1012	W10120	with low bottom board
W1011	W101100	with high bottom board
W1011A	W101100A	with high varroa bottom board

COMPONENTS OF LANGSTROTH/ RUTA BEEHIVE



BASIC COMPONENTS FOR LANGSTROTH/RUTA		
painted	not painted	
W1016	W10160	Roof, low
W1015	W10150	Roof, high
W1021	W10210	Crown board
W1076	W10760	Body 1/2
W1122	W11220	Bottom board
W1022	W10220	Bottom board
W102200	W1022000	High varroa bottom board
W1025	W10250	Bottom board pollen trap

ADDITIONAL COMPONENTS FOR LANGSTROTH/RUTA		
painted	not painted	
W1123A	W11230	Body feeder
W1024	W10240	Pollen trap screen
W102400	W1024000	Pollen trap for Varroa bottom board
W1026	W10260	Distance ring
W602220	W602220N	Distance ring with bee escape, 8 outlet
-	W1028	Partition 1/2
-	W1027	Partition
W1147	-	Varroa bottom screen

DADANT BEEHIVES 12-FRAME

Dadant hive set:

- high roof
- 1x body 1/2 - available in two sizes:
 - size A*:
45 × 47 × H: 14,2 cm (inner dimensions) - 2 pcs
 - size B*:
40 × 47 × H: 15,8 cm (inner dimensions) - 2 pcs
- crown board
- 1x body (inner dimensions):
45 × 47 × 29,5 cm
- low, high or high varroa bottom board
- Body partition
- *When placing an order, please indicate, which size of body 1/2 (size A or size B) is required.

Frame dimensions:

- Dadant: 470×300 mm
- Dadant 1/2 (SIZE A): 470×145 mm
- or
- Dadant 1/2 (SIZE B): 470×160 mm

- excellent insulating properties
- moisture-resistant
- strong and durable construction
- small mass
- easy for hygiene maintenance
- two colonies at the same time / two-queen hive system
- feeding of two colonies at the same time



DADANT BEEHIVE 12-FRAME SIZE A		
part no.	description	quantity
W029	Components: varroa bottom board, roof, crown board, 1x body, 1x body 1/2, partition	1
W030	Roof Dadant 12-frames	1
W031	Body Dadant 1/2 12-frames	2
W032	Ceiling Dadant 12-frames	1
W033	Body Dadant 12-frames	1
W034	Bottom Dadant 12-frames	1

DADANT BEEHIVE 12-FRAME SIZE B		
part no.	description	quantity
W029_B	Components: varroa bottom board, roof, crown board, 1x body, 1x body 1/2, partition	1
W030	Roof Dadant 12-frames	1
W031_B	Body Dadant 1/2 12-frames	2
W032	Ceiling Dadant 12-frames	1
W033	Body Dadant 12-frames	1
W034	Bottom Dadant 12-frames	1

EUROPEAN DADANT BEEHIVES

European Dadant beehive set

- high roof
- body 1/2 -
37,5 × 48 × H: 16,5 cm
(inner dimensions) - without notches, 2 pcs
- body (inner dimensions):
37,5 × 48 × H: 29,5 cm
- high varroa bottom board

COMPONENTS FOR EUROPEAN DADANT		
part no.	description	quantity
W1101	Roof	1
W1143	Body 1/2 without notches	2
W1144	Body without notches	1
W1194	High varroa bottom board	1
W1052	Distance ring	1
W1097	Body feeder with function of the distance ring	1
W1195	Pollen trap	1



EUROPEAN DADANT BEEHIVE		
part no.	description	quantity
W1142	roof, 2 x body 1/2, 1 x body, high bottom	1

DADANT BLATT BEEHIVES (FRANKENBEUTE)

Dadant Blatt hive set

- roof
 - body 1/2
(inner dimensions)
45 × 40 × H: 17 cm - 2 pcs
 - crown board
 - body (inner dimensions)
45 × 40 × H: 28,5 cm
 - high varroa bottom board
- Frame dimensions:
- Dadant Blatt: 470×300 mm
 - Dadant Blatt 1/2: 470×159 5 mm

COMPONENTS FOR DADANT BLATT		
part no.	description	quantity
W1063	Roof	1
W1059	Body 1/2	2
W1061	Crown board	1
W1058	Body	1
W1064	High varroa bottom board	1



DADANT BLATT BEEHIVE (FRANKENBEUTE)		
part no.	description	quantity
W1066	roof, 2 x body 1/2, 1 x body, high varroa bottom board	1

AMERICAN LANGSTROTH BEEHIVES

American Langstroth beehive set

- cover
- body (inner dimensions): 37 × 46,5 × H: 22 cm - 2 pcs
- high varroa bottom board

Frame dimensions:

- 48,2 × 45 × H: 23 cm

COMPONENTS		
painting	not painting	
W1101	W11010	Roof
W1100	W11000	Body without notches
W1194	W11940	High varroa bottom board
W1052	W10520	Distance ring
W1097	W10970	Body feeder with function of the distance ring
W1195	W11950	Pollen trap
-	W11970	Crown board



AMERICAN LANGSTROTH BEEHIVE		
painting	not painting	
W1107	W1103	roof, 2 x body, high bottom

8-FRAME LANGSTROTH BEEHIVES

American Langstroth beehive set

- roof
- body 3/4 (inner dimensions) 46,5 × 32,5 × H: 17 cm
- body (inner dimensions) 32,5 × 46,5 × H: 23 cm
- high varroa bottom board

Frame dimensions:

- 48,2 × 45 × H: 23,2 cm
- 3/4: 48,2 × 45 × H: 17 cm

COMPONENTS		
painting	not painting	
W022	W0220	Roof
W023	W0230	Body
W024	W0240	Body 3/4
w026	w0260	Body 1/2
W021	W0210	Bottom

AMERICAN LANGSTROTH BEEHIVE		
painting	not painting	
W1575	W15750	roof, 1 x body, 1 x body 3/4, bottom

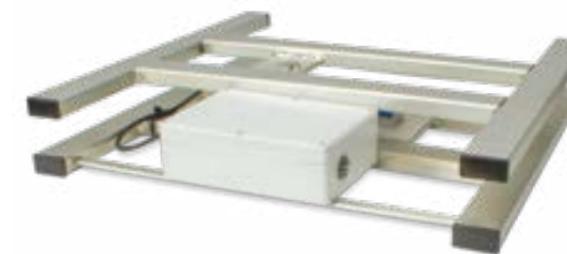


BEEKEEPING SCALE WITH BLUETOOTH OPTIMA LINE

OPTIMA
line

Technical data and product advantages:

- scale made of galvanized steel
- measuring range up to 150 kg (measurement increment every 10g)
- battery operation (6 x AA), working time on batteries approx. 4 months
- communication via Bluetooth (transmission range up to 30m*)
- measurement results read on the Smartphone screen through a dedicated application
- free applications for Android and IOS
- scale without subscription, no configuration required
- in the future, the scale will be able to be integrated with the developed system of intelligent apiary
- the real operating range depends on the terrain conditions and the sensitivity of the receiver (telephone)
- weight dimensions: 490 x 450 x 80 mm
- package dimensions: 505 x 505 x 105 mm
- gross weight: 7 kg

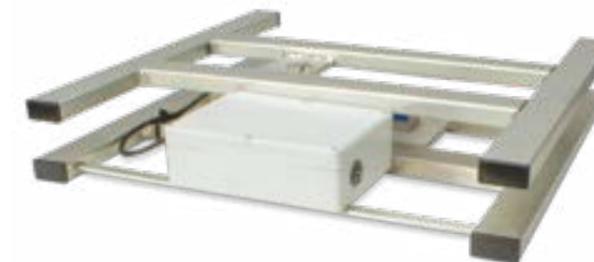


ID	NAME
W3120_OB	Beekeeping scale with bluetooth Optima Line

ELECTRONIC BEEKEEPING GSM SCALE OPTIMA LINE

OPTIMA
line

- Features:
- stable and durable mechanical construction made of galvanised steel
- max load of 150 kg
- accuracy ±10g
- battery power supply (6 x AA)
- information gathering via SMS
- configuration from the local keyboard and display
- built in anti-theft protection
- Work mode:
- 1 measurement per day
- The set includes:
- frame, with weighing sensor
- control panel with built-in keyboard and display



W3120_O	GSM scale OPTIMA
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COVER FOR BEEKEEPING SCALE

- Waterproof polyester material
- Four zippers
- Dimensions 500×460×220 mm

Cover is designed to protect against theft and adverse weather conditions. For zippers help to put on quickly and give easy access to scale.



W3119	Cover for beehive scale
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ELECTRONIC BEEKEEPING GSM SCALE PREMIUM LINE

PREMIUM
line

Features:

- Stable and durable mechanical construction made of stainless steel
- stainless steel top
- max load 150 kg
- accuracy $\pm 10g$
- battery powered
- data feed options: SMS, free online data server, main LCD display
- configured using built in control panel
- built in anti-theft protection
- local memory for last 20 read-outs
- optional temperature and humidity sensor
- optional temperature sensor
- power - gel battery with 9Ah capacity and 12DC voltage

Work modes:

- 1 measurement per day
- 2 measurements per day
- 3 measurements per day



W3121_P	GSM scale - Premium Line
W3122_A	Additional battery (optional)

Set contents:

- frame, with stainless top and weighing sensor
- control unit with keyboard and LCD display
- battery and charger



W3122_CZ	Optional external temperature and humidity sensor
W3122_CZT	Optional external temperature sensor



W3118	Solar charger for PREMIUM scale battery
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SWARM REGISTER

The swarm register patented by our company facilitates control of bee families. Thanks to many years of observation and the idea of a befriended beekeeper, we have created a unique product in the world that should appear in every apiary. The method of this device operation is simple. During their swarming bees want to escape from the hive and head to the exit hole of the register. Under the pressure of bees on the cap it slides down at some point, allowing for bees to leave the hive. This is an important signal for the beekeeper, that the bees got swarmed out.

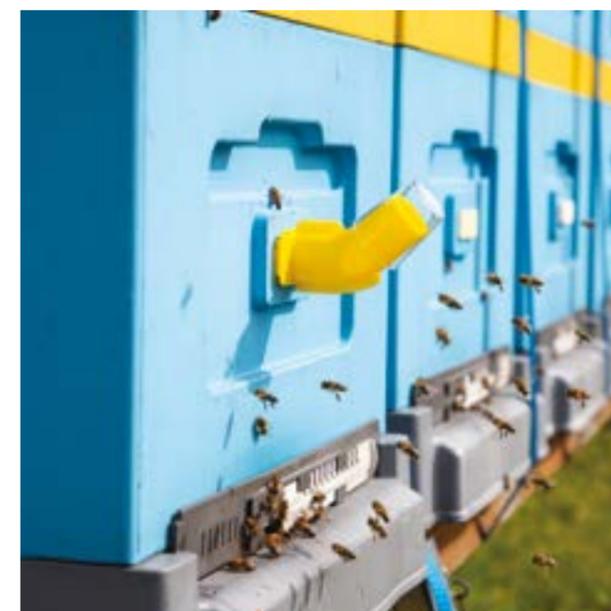
ID	NAME
L50	Swarm register 1 pc.
L50_5	Swarm register - pack of 5 pcs.
L50_10	Swarm register - pack of 10 pcs.
L50_100	Swarm register - pack of 100 pcs.

BEEHIVE STAND

Galvanized steel beekeeping rack designated for beehives, creates a comfortable versatile bench.

To set up a bench it is required to have 2 of these stands and 2 wooden beams with dimensions of 40x60 mm. Each stand has adjustable legs which allow positioning of the bench even on uneven terrain. Can accommodate up to 5 hives if the appropriate length of beams is used. This solution is much more cost effective in comparison with separate stands for each individual hive.

W4033	Beehive stand 1 pc (beams not included)
W4031	Metal stand for hives



TROLLEYS



WÓZEK1



WÓZEK3



WÓZEK2



WÓZEK6

TROLLEY	
WÓZEK1	2 wheel hand trolley
WÓZEK2	4 wheel platform trolley
WÓZEK3	2 wheel platform trolley
WÓZEK6	Trolley for beehive transportation

6-FRAME BEEHIVES FOR NUCS MAKING

- perfect for making nucs
- ensures safe wintering
- the most durable and hygienic bottom board
- bodies with frames - they ensure stability even with more bodies



ID	NAME
W1161	Painted 6-frame Dadant beehive - blue (roof, body, plastic bottom board without plugs)
W1161_R	Painted 6-frame Dadant beehive - pink and gray (roof, body, plastic bottom board without plugs)
W1161_Z	Painted 6-frame Dadant beehive - green and gray (roof, body, plastic bottom board without plugs)
W11610	Unpainted 6-frame Dadant beehive (roof, body, plastic bottom board without plugs)
8056	Plastic 6-frame Dadant bottom board with sieves and a latch - without plugs

	NOT PAINTED	BLUE	PINK	GREEN
Dadant body for a 6-frame beehive	W11620	W1162	W1162_R	W1162_Z
Dadant body 1/2 for a 6-frame beehive	W11630	W1163	W1163_R	W1163_Z

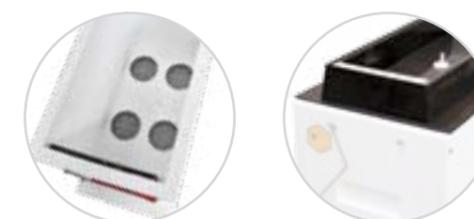
	NOT PAINTED	BLUE	GRAY
Roof for a 6-frame Dadant beehive	W11650	W1165	W1165_SZ
Crown board for 6-frame Dadant beehive	W11640	W1164	W1164_SZ

6-FRAME NUCLEUS BEEHIVES

Metal wire fasteners hold the elements in place during transit or bad weather conditions ie. wind or heavy rain. The roof and the bottom board are equipped with adjustable ventilation holes that allow adjustment of the air flow in the hive (ID 3046, 3047, 3048). The construction of the hive allows wintering of the bees.

Set components:

- high roof
- body
- bottom board with plastic entrance reducer



Painted	Not Painted	
W11300D	W11300	6-frame nucleus hive Dadant, not painted, 3-part body
W11300B	W11300K	6-frame nucleus hive Dadant, not painted, 3-part body with clamps
-	W1130	6-frame nucleus hive Langstroth, not painted, 4-part body
W113000M	W113000	6-frame nucleus hive Zander, not painted, 4-part body
-	3131	6-frame nucleus hive feeder, plastic

3-FRAME NUCLEUS HIVES

It can serve as a transport box or swarm box.

- The hive is designed for:
- Early spring bee colony production
- natural bee queen insemination with the use of system frames (e.g.: Dadant, Langstroth)

Set components:

- roof
- body
- bottom board with plastic entrance reducer



Painted	Not Painted	
W1189M	W1189	3-frame nucleus hive Langstroth (bottom board, body, roof), not painted
W1190A	W1191	3-frame nucleus hive Dadant (bottom board, body, roof), not painted
W1192DA	W1192D	Feeder for 3-frames nucleus beehive, Dadant, not painted
W1192LNA	W1192LN	Feeder for 3-frames nucleus beehive, Langstroth, not painted

6

QUEEN'S BREEDING



QUEEN INCUBATOR

- Intelligent controller: algorithms
- fuzzy logic technology
- adjustable temperature and humidity
- adjustable air flow
- water level controller
- continuous temperature and humidity monitoring
- advanced self-diagnostic
- adjustable heating power
- Material: stainless steel
- Interior: lit
- Door: double design
- main supply: 230V
- shelf quantity: 3 shelves
- OPTIONAL: GSM Module



W5014	Queen incubator
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INCUBATOR FOR QUEEN CELLS

- power supply 12VDC/15A
- capacity: 45 cages
- outer dimensions: WxDxH- 270x240x165 mm
- power consumption: 30W
- Net weight; 1,9 kg.
- controller IC-03
- temperature range 33-35°C accuracy +/-0,5°C
- airtight, thermally insulated case



W5016	Portable transport incubator for queen cells
5016_1	Foam for 33 insulators- cages for W5016
5016_2	Power supply 230VAC/12VDC for W5016

MINI NUCLEUS HIVE API EPP

Very durable composition of materials from which the hive is made (EPP material). A 100% recyclable material, resistant to impact and mechanical damage, the material returns to its original shape when pressed. The material is warm to the touch, with excellent thermal insulation.

SPECIFICATION:

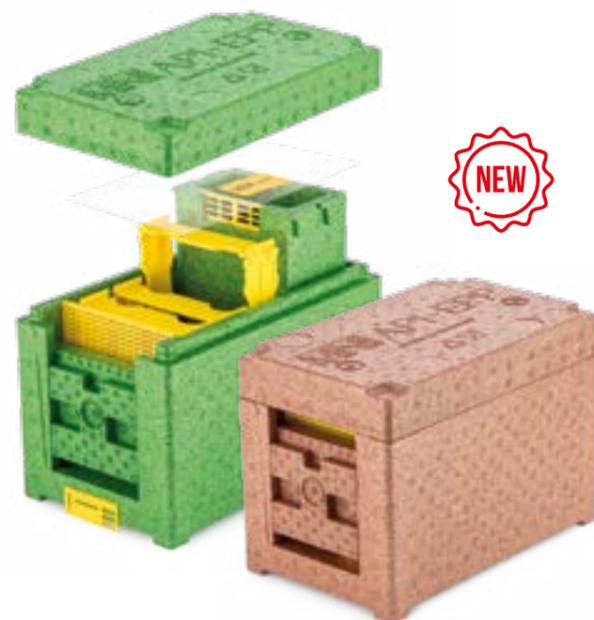
- 100% recyclable EPP hive
- Removable feeder chamber with a grating element to prevent entry of queen bees
- Ventilation grid on the front
- Adjustable front wall of the hive to open the inlet or the ventilation space
- Removable bottom for easy cleaning
- Feeding chamber and frames are covered with transparent hard foil with a flap

DIMENSIONS:

- Height 175mm
- Depth 243mm
- Width 150mm
- Net weight 0.4kg

Mini nucleus hive components:

- 3 pcs of plastic frames
- 1 pc of plastic net inserted into the feeder
- 1 pc of ventilation grid at the front of mini nuc hive
- 1 piece of netting limiting the exit of the bee queen
- 1 pc PS board
- 1 pc hatching cage



W1045_B	Mini nucleus hive Api EPP, brown
W1045_ZC	Mini nucleus hive Api EPP, green

MINI NUCLEUS HIVE, POLYSTYRENE

Nucleus hive set:

- bottom connected to the body
- 4 frames and a feeding chamber
- roof
- set of small frames - 4 pcs.
- set of 2 entrances with discs

W1044	Mini nucleus hive, polystyrene, painted
W10860	Mini nucleus hive, polystyrene not painted
R02	Frame to the nucleus hive - wooden



MINI HIVE 6-FRAME

Mini hive is a 6-frame small hive dedicated to queen breeding. Made of hardened polystyrene.

Mini hive for queen breeding includes:

- top
- feeder
- body (monolit)
- partitions
- bottom-board
- plugs set, external outlet
- set of mini frames - 6 pcs



	NOT PAINTED	PAINTED
Mini Hive (with frames)	W11109	W11109A
Mini Hive (without frames)	W11109BR	W11109ABR
Mini Hive (with frames) bottom monolit	W111190	W11119
Mini Hive (without frames) bottom monolit	W111190BR	W11119BR
Mini feeder	W11112	W11112A
Mini body (monolit, without frames, with partition)	W11108N	W11108A

Mini bottom-board with ventilation and a set of plugs	W11111	W11111A
Mini bottom-board monolit with ventilation and a set of plugs	W111180	W11118
Roof	W11110	W11110A
Mini partition	W11113	
Frame to mini hive	R01	

MINI HIVE WITH FEEDER

Mini hive set includes:

- top
- body (monolit)
- build limiter
- feeder
- bottom-board
- a set of plugs
- a set of frames (6 pcs)

	NOT PAINTED	PAINTED
Mini hive (with frames)	W111050	W11105
Mini hive (without frames)	W111050BR	W11105BR
Mini bottom-board with a drawer	W111150	W11115



Mini body without frames and partitions	W111160	W11116
Roof	W11110	W11110A
Frame to mini hive	R01	

TRAVELING BOXES

Traveling box is used for moving whole families/frames.

W0153	Traveling box Dadant, polystyrene, painted
W0153N	Traveling box Dadant, polystyrene, not painted
W1069D	Traveling box Dadant (cardboard)
W1069LN	Traveling box Langstroth (cardboard)



- new, improved design
- can be attached to each other



3005
Queen cage



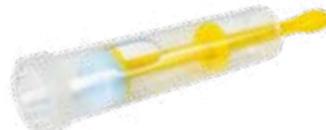
3008
Hatching cage



3004
Cage for queen storage



W3043
Glue for queen stickers 5 ml



3143
Queen marking tube



3080
Queen catcher



30010
Plastic queen catcher



3097
Marking ring



3129
Queen marking set (strainer+insert)



3079
Cap for queen rearing



3012
Slat with queen cups (2 pcs)



3011
Queen cup fixing slot



3030
Queen cup with slot holder, 12 pcs



3013
Queen-cell cup, 200 pcs
3014
Plastic cup (50 pcs)

SILICONE MOLD FOR WAX QUEEN CELL CUP MAKING (42PCS)



FS546
Silicone mold for wax queen cell cup making (42pcs)

ROYAL JELLY PUMPS

Device allows collection of royal jelly from cells in a quick and effective way.
Efficiency 10ml/1min

- | | |
|---|--|
| W011
Royal Jelly Pump 12V
• Power: 15W
• Width 280 mm
• Length 270 mm
• Height 165 mm
Components:
• 5 pcs of 100 ml bottles
• 2 Wires connection
• 1 Power cord
• 1 Glass suction nozzle | W010
Royal Jelly Pump 230V
• Power: 20W
• Width 280 mm
• Length 270 mm
• Height 165 mm
Components:
• 5 pcs of 100 ml bottles
• 2 Wires connection
• 1 Power cord
• 1 Glass suction nozzle |
|---|--|

ROYAL JELLY PUMPS	
W011	12V
W010	230V



OXALIC ACID SUBLIMATORS

- Oxalic acid sublimator 12V**
- Power supply – 212V
 - Heating power – 160 W
 - 20 A fuse (located on the cable)
 - Thermoregulator
 - power supply cord length – 2,5 m
 - Dimensions
 - Length 420, width 70, height 160 mm



ID	NAZWA
D12V	Oxalic acid sublimator 12V

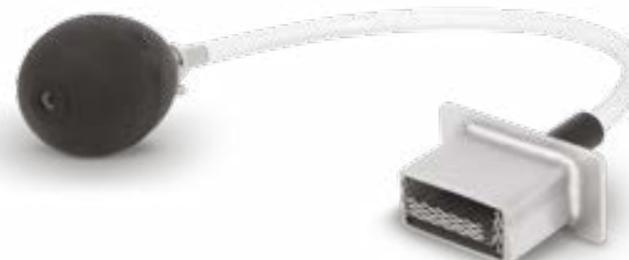
- Oxalic acid sublimator 230V**
- Power supply – 230V
 - Heating power – 250 W
 - Thermoregulator
 - power supply cord length – 2,5 m
 - Dimensions
 - Length 420, width 70, height 160 mm



ID	NAZWA
D230V	Oxalic acid sublimator 230V

MANUAL FUMIGATOR

- without the use of electricity
- secure your apiary
- get rid of Varroa



ID	NAME
W3010	Manual fumigator

VARROA TESTER 3IN1

We offer an innovative 3-in-1 Varroa Tester product that makes it easier for beekeepers to verify:

- Level of infestation of Varroa destructor;
- Resistance (susceptibility) of Varroa destructor to acaricides - veterinary medical products (VMP) with the active ingredient
- Hygienic behavior (self-cleaning instinct) of bees



ID	NAME
3536	Varroa tester 3in1

7

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BEE TOOLS



SMOKERS



4036M	Stainless steel, small
4036	Stainless steel, big
4057M	Acid-resistant stainless steel, small
4057	Galvanized, without a cooler
4032M	Galvanized, small
4032	Galvanized, big
4059	Copper smoker

SMOKER PREMIUM



4045	Acid-resistant stainless steel
4017P	Bellow, PREMIUM

ACCESSORIES

4017N	Bellow, stainless steel, leather
4017MN	Bellow, small, leather, stainless steel
40172	Bellow for copper smoker
4093	Smoker insert 4032
4093	Smoker insert 4032
4094	Smoker insert 4032M
4087	Smoker insert 4036, 4057
4088	Smoker insert 4036M, 4057M
4046	Handle

SYNTHETIC BRISTLE BEE BRUSHES



3034O	Long bee brush, plastic handle
3034P	Short bee brush, plastic handle

NATURAL BRISTLE BEE BRUSHES



3034Q	Long bee brush, plastic handle
3034R	Short bee brush, plastic handle

STREIGHT HIVE TOOLS



BT 010M	(H: 185mm, W: 30mm), painted
BT 10M1	(H: 185mm, W: 30mm), stainless

MULTI FUNCTIONAL HIVE TOOLS



BT 010R	(H: 265mm, W: 45mm), painted
BT 10R1	(H: 265mm, W: 45mm), stainless
BT 010O	with handle (H: 265mm, W: 45mm), painted
BT 10O1	with handle (H: 265mm, W: 45mm), stainless

HIVE TOOLS WITH HANDLE



BT 010J	Short (H: 165mm, W: 35mm), painted
BT 10J1	Short (H: 165mm, W: 35mm), stainless
BT 010I	Medium (H: 205mm, W: 40mm), painted
BT 10I1	Medium (H: 205mm, W: 40mm), stainless
BT 010H	Long (H: 260mm, W: 40mm), painted
BT 10H1	Long (H: 260mm, W: 40mm), stainless

AMERICAN HIVE TOOLS



BT 010T	Short (H: 160mm, W: 40mm), painted
BT 10T1	Short (H: 160mm, W: 40mm), stainless
BT 10S1	Medium (H: 210mm, W: 30mm), stainless
BT 010D	Long (H: 270mm, W: 45mm), painted
BT 10D1	Long (H: 270mm, W: 45mm), stainless

AMERICAN HIVE TOOLS WITH HANDLE



BT 010A	(H: 270mm, W: 45mm), painted
BT 10A1	(H: 270mm, W: 45mm), stainless

J-SHAPED HIVE TOOLS WITH HANDLE



BT 010P	(H: 80mm, W: 40mm), painted
BT 10P1	(H: 80mm, W: 40mm), stainless

8

**REMAINING
BEEKEEPING
ACCESSORIES**



UNCAPPING TRAYS



W4044

UNCAPPING TRAY	
W40710	galvanized (42×42×4 cm)
W4044	stainless (42×42×4 cm)

UNCAPPING PLASTIC TRAYS



W3233

UNCAPPING PLASTIC TRAY	
W32330	stainless sieve, H=100 mm
W32340	stainless sieve, H=200 mm
W32400	stainless sieve, H=300 mm
W3233	plastic sieve, H=100 mm
W3234	plastic sieve, H=200 mm
W3240	plastic sieve, H=300 mm

UNCAPPING TRAY, STAINLESS

Uncapping tray made of acid resistant stainless steel with 0,8 mm thickness. Frame holder made of 5 mm stainless steel wire. Stainless steel honey gate 6/4"



W4062 Uncapping tray, stainless, 6/4" honey gate

UNCAPPING TRAY WITH SPIKE

- Plastic tray with plastic honey gate 6/4" (41 cm × 61 cm × 30 cm)
- strainer: plastic with perforation Ø 6 mm
- stainless spike



W3340F Uncapping tray with spike

UNCAPPING TRAYS, DUAL-FUNCTION

- Practical in use.
- After uncapping, you can dismantle the frame holder from the cover and cover the tray with it.

The cover has 2 functions:

- practical stand for 10 uncapped frames
- tray cover
- Components:
- Plastic tray (41 cm × 61 cm × 20 cm)
- Strainer - stainless steel with perforated bottom (inside dimensions: 34,5 cm × 55 cm × 7 cm)
- Stainless steel lid with support for 10 frames

UNCAPPING TRAY, DUAL-FUNCTION	
W32401	Uncapping tray
W32401S	Uncapping tray with stand



UNCAPPING TABLES WITH PLASTIC TRAY

Tray dimensions:
length: 61 cm, width: 41 cm, height: 10, 20, 30 cm
• max table height (stand only): 72 cm (adjustable legs)

UNCAPPING TABLE WITH PLASTIC TRAY	
W4048N	stainless sieve, H=100 mm
W4049N	stainless sieve, H=200 mm
W4050N	stainless sieve, H=300 mm



UNCAPPING TOOLS



4200 Uncapping fork, wooden handle, straight tines



4022 Uncapping fork with wooden handle, curved tines



4202 Uncapping fork, curved tines, stainless, plastic handle



4040 Uncapping knife, stainless steel

HONEY LOOSENERS



30280



302700



3027000

HONEY LOOSENER	
30280	Manual honey loosener
3027000	large, plastic needles
302700	small, plastic needles

STAINLESS STRAINERS



4006



4007

STAINLESS STRAINER	
4006	Single strainer, Ø 205 mm
4034	Single strainer, convex, Ø 205 mm
4007	Double strainer, Ø 205 mm
4100	Double strainer, convex, Ø 205 mm

METAL STRAINERS



4030



4098

METAL STRAINER	
4014	Single strainer, Ø 205 mm
4030	Single strainer, convex, Ø 205 mm
4098	Double strainer, convex, Ø 205 mm
4013	Double strainer, Ø 205 mm

CONICAL STRAINERS

CONICAL STRAINER	
3222	Ø 310 mm, H - 390 mm
3222A	Ø 310 mm, H - 230 mm
3222B	Ø 450 mm
32220	Ø 625 mm, H - 290 mm, for barrel
3069	Ø 295 mm, with stand
W3221	Stand for conical strainer



3222

CYLINDRICAL STRAINERS



3164

3166

CYLINDRICAL STRAINER	
3068	Ø190 mm
3164	Ø300 mm
3166	Ø400 mm
W3223	Stainless steel stand for cylindrical strainer Ø300 mm
W3224	Stainless steel stand for cylindrical strainer Ø400 mm
4058	Double strainer, nylon, Ø 290 mm
W3222	Stainless steel stand for cylindrical strainer

STAND FOR CYLINDRICAL STRAINER, DIAMETER 45 CM, ADJUSTABLE

- Dimensions:
- width - 435 mm.
 - depth - 435 mm.
 - height - 1000 mm.
- Weight:
- net weight - 3.30 kg



W3225

POLYPROPYLENE PAILS



POLYPROPYLENE PAILS	
7007	Capacity 11,3 l
7006	Capacity 17,7 l
7005	Capacity 31,5 l

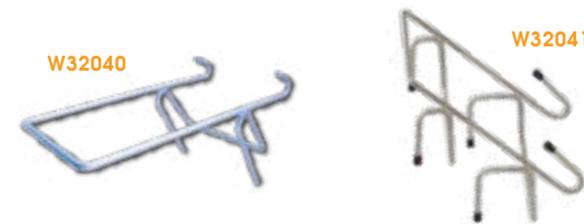
VALVES



3033

VALVES	
3033	6/4" plastic
3000	2" plastic
W40320	5/4" stainless, internal thread
W4032	5/4" stainless, external thread
W40840	6/4" stainless, internal thread
W4084	6/4" stainless, external thread
W40850	2" stainless, internal thread
W4085	2" stainless, external thread
FLAP FOR VALVE	
3140A	Flap for 2" valve, stainless (5mm)
31400	Flap for 5/4" and 6/4" valve, stainless (3mm)
5090	Flap for 6/4" valve, plastic
50900	Flap for 2" valve, plastic

DRIPPERS



W32040

W32041

DRIPPER	
W32040	Stainless
W32041	Stainless dripper for honey, universal

POLYPROPYLENE SETTLERS WITH PLASTIC VALVE



W7004

POLYPROPYLENE SETTLERS WITH PLASTIC VALVE	
W70070	Capacity 11,3 l, with valve 6/4"
W7003	Capacity 17,7 l, with valve 6/4"
W7004	Capacity 31,5 l, with valve 2"

STAINLESS STEEL BARREL 200 L



W7016

W7016	Stainless steel barrel 200 l / ~280 kg
3227	Sack for honey barrel 215l (69x180 cm)

MIXERS

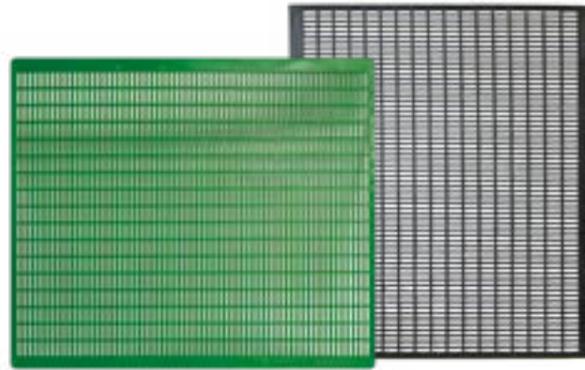


MIXER	
W4009	Stainless steel auger mixer, Ø 60 mm
W4008	Stainless steel mixing blade, Ø 95 mm

PLASTIC QUEEN EXCLUDERS, THICK

 The color is dependent on the batch of material.
Size tolerance +/- 3mm.

PLASTIC QUEEN EXCLUDER, THICK	
31951W	417x417 mm
31950	Dadant 418x490 mm
31950LA	American Langstroth 420x510 mm



Thick plastic excluders are a low-priced alternative to the metal excluders - they are lighter and as durable.

PLASTIC QUEEN EXCLUDERS

 The color is dependent on the batch of material.
Size tolerance +/- 3mm.

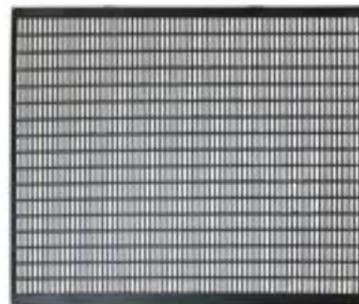
PLASTIC QUEEN EXCLUDER	
3191	Dadant 495x500 mm
3195	Dadant 425x495 mm
3109	420x420 mm



PLASTIC QUEEN EXCLUDERS, THICK, BLACK

 The color is dependent on the batch of material.
Size tolerance +/- 3mm.

PLASTIC QUEEN EXCLUDER, THICK, BLACK	
31951WCZ	420x420 mm
31950CZ	Dadant 418x490 mm
31950LACZ	American Langstroth 420x511 mm



PLASTIC PROPOLIS COLLECTORS

 The color is dependent on the batch of material.

PLASTIC PROPOLIS COLLECTOR	
30212	420 x 420 mm
30214	Dadant, 420 x 490 mm
30213	American Langstroth, 420 x 510 mm

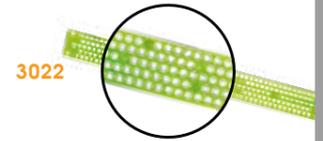


Place the propolis collector between the hive body and the roof. After the collector is filled with propolis remove it from the hive and put it in a freezer. Then break the propolis off. Collector thickness: 2 mm

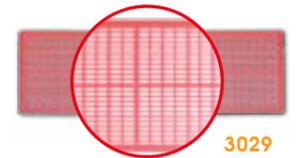
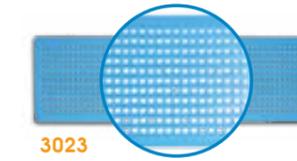
Propolis collectors 30212 and 30214 are trimmed from original size 42x51 mm

POLLEN TRAP & SEPARATOR

The color is dependent on the batch of material.



POLLEN TRAP & SEPARATOR	
3022	Trap (390 x 40 mm), 5,1 mm
3023	Trap (408 x 148 mm), 5,1 mm
3029	Separator (403 x 148 mm)



METAL EXCLUDERS

METAL EXCLUDER	
4000	Dadant, horizontal, with notches, (465 x 390 mm)
4000N	Dadant, horizontal, with notches, (470 x 393 mm)
4001	Dadant, horizontal (470 x 380 mm)
4002	Dadant, vertical (445 x 319 mm)
3999	Langstroth with frame around (510 x 420 mm)



METAL INSULATORS

METAL INSULATOR	
4099	Dadant 1/2 1-frame
4067	Dadant 3-frames
4048	Dadant 1-frame
4067P	Cover for metal-insulator Dadant 3-frames



FRAME SPACER



FRAME SPACER	
4042	Dadant

METAL QUEEN EXCLUDER / INSULATOR



METAL QUEEN EXCLUDER / INSULATOR	
1048D	Dadant 1-frame

PLASTIC SCRAPER



4031	for excluders, reinforced
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CLAW HIVE TOOLS



W4029

W4029	Stainless
W40290	Painted

J-TYPE HIVE TOOLS



W4016

W4016	Stainless
W40160	Painted

CHISELS WITH WOODEN HANDLE



4116

4115	Galvanized
4116	Stainless

HIVE TOOL



W4015

W4015	Stainless
W4065	Painted

OTHER BRUSHES



3034J

BEE BRUSH	
3034E	With a chisel, double
3034J	Wooden with synthetic bristle, double-breasted, long
3034G	Wooden with synthetic bristle, long

BEE BRUSH WITH NATURAL BRISTLE



3034V

3034V	Long
3034W	Short

BEE BRUSH FOR CLEANING



3034E



3034M

3034E	Natural bristle
3034M	Synthetic bristle

BEE BRUSHES WITH PLASTIC HANDLE



3034X

3034X	Synthetic bristle, long
3034Y	Synthetic bristle, short

ENTRANCE REDUCERS



3180

3145

4010

4010	Stainless, 230 mm
4012	Universal, galvanized, 350 mm
3145	Plastic, with slider, 375 mm
3180	Plastic, 185 mm
1055	Plastic, 375 mm
3179	Plastic
3178	Galvanized, 250 mm
3177	Galvanized, 375 mm
3176	3-parts, galvanized, 375 mm
401000	Stainless, 345 mm

BODY FEEDERS



W1123A

3074

3262

BODY FEEDER	
3074	Box feeder 2,4 l, plastic
3262	Adapter for feeders (3074) 2,4 l
W1123A	Polystyrene, Dadant and Dadant 1/2, Polish Langstroth, painted
W11230	Polystyrene, Dadant and Dadant 1/2, Polish Langstroth, not painted

PAIL FEEDERS



3077

3076

PAIL FEEDER	
3077	Pail feeder 1,8 l, Ø: 250 mm
3076	Pail feeder 5 l Ø: 250 mm, H: 190 mm

UPPER FEEDER 5L



- External dimensions - 370×370 mm
- Height - 8,5 cm
- Fits to 1/2 body or under the high roof (W1094W)

3071	Upper feeder 5l
3070	Cover for feeder

ROUND FEEDERS



3133

3165

ROUND FEEDER	
3133	Cover for round feeder (4 L)
3165	Round feeder (4 l), Ø: 350 mm, H: 600 mm
3087	Cap for round feeder, 4l

OTHER FEEDERS



3051

3050

3256

FEEDER	
3050	Ring
3051	"Spider's web" plug
3256	Plastic cap with holes (for feeding)

PLUGS



Ventilating plugs included as standard to every beehive with ventilation



W3047

3048

W3046	Foamed polystyrene, round
W3047	Foamed polystyrene, trapezoid
3048	Plastic, trapezoid

BEE ESCAPES

The color depends on the batch of raw material



3190	8-way, Ø 26 cm
3026	Porter, (10,5 × 4,3 cm)
3144	Plastic, Ø 12 cm

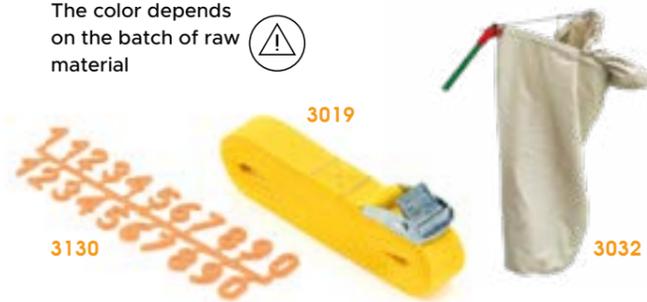
TRAPS



3103	Trap for hornets
3101	Trap for wasps
4210	Trap for wasps (applied on the bottle)

OTHERS

The color depends on the batch of raw material



3130	Hive numbers
3019	Hive strap (3.5m)
3020A	Hive transport belt (2t/4m, 1pc)
3032	Swarm catcher

CONTAINER FOR FORMIC AND ACETIC ACIDS (EVAPORATOR)

Closeable and with evaporation control. Includes a polyurethane insert of 120 ml capacity.

The color depends on the batch of raw material



3024	Container for formic and acetic acids (evaporator)
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ROUND LIQUID CRYSTAL THERMOMETER



3001K	Round liquid crystal thermometer
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FRAME HOLDERS



FRAME HOLDER	
W32610W	Stainless, Deutsch Normal
W32610D	Stainless, Dadant

WOODEN FRAMES

WOODEN FRAME	
30350	Distance beam for Dadant frames (50 pcs)
3054K	Dadant frame 1/2 Hoffman 435×145 (10 pcs)
3055K	Dadant frame 1/2 standard 435×145 (10 pcs)
3056K	Dadant frame Hoffman 435×300 (10 pcs)
3057K	Dadant frame standard 435×300 (10 pcs)

WIRES

WIRE	
4018	0,3 mm (250g), galvanized
40190	0,4 mm (250g), galvanized
4062	0,3 mm (500g), galvanized
4061	0,4 mm (500g), galvanized
40640	0,4 mm (250g), stainless
40641	0,4 mm (250g), stainless
40642	0,4 mm (500g), stainless
40643	0,4 mm (500g), stainless



FRAME SPACERS



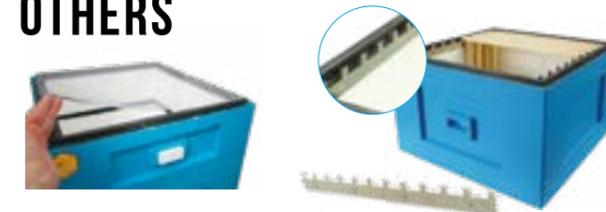
FRAME SPACER	
302H	Plastic, hoffman 40 pcs (for 20 frames)
301H	Plastic, hoffman, 140 pcs (for 70 frames)
304H	Plastic, hoffman, 500 pcs (for 250 frames)
3017A	Plastic, 200 pcs
W4026	Metal, 200 pcs
4025	Metal, 1 kg
3102	Plastic, 40 pcs
3015	Plastic, 600 pcs

WIRE DEROLLER



4106	Wire deroller
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OTHERS



W0170	Frame reduction spacer for Dadant and Langstroth body (from 10 to 9 frames)
3198	Foam ventilation plug

WIRE EMBEDDING DEVICE

PRODUCT SPECIFICATIONS:

- supply voltage: 230 VAC
- power: 140 WAC
- fusing voltage I: 12VAC
- injection voltage II: 24VAC
- max. injection current: 4,75A
- short circuit protection: PTC



The wire embedding device works in two ranges:
I - galvanized wire
II - stainless steel wire

Dimensions: length - 200 mm, width - 125 mm, height - 70 mm, net weight - 1.85 kg.

W3362	Wire embedding device
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WIRE EYELETS



4256P	Wire eyelets - 500 pieces
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FRAME GRIP



3117	With ergonomic handle, reinforced
W3103	Frame grip

EXTRACTOR MOTOREDUCERS



When placing order please provide extractor model. In case of top mounted drive systems there is additional mounting flange necessary.



MOTORS



When placing order please provide extractor model.



24V DC MOTOR



CASSETTE FOR EXTRACTORS



When placing order please provide extractor model.

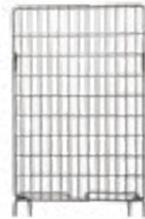


MANUAL DRIVE SET WITH BRAKE



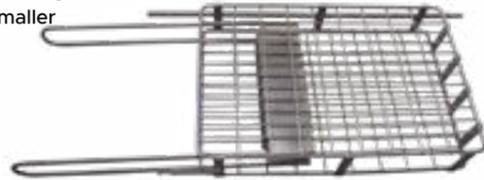
When placing order please provide extractor model.

TANGENTIAL ADAPTOR FOR RADIAL EXTRACTORS



CASSETTE REDUCER INSERT

To reduce the size of extractor's cassette in case of extracting honey from smaller frames.



EXTRACTOR SPRING SET

- 1) 65 mm conical,
- 2) 75 mm conical,
- 3) 85 mm conical



When placing order please provide extractor model.



- 1) 65mm straight
- 2) 75mm straight

SPARE WORM GEAR COG SET



Big: Ø73/Ø15/33 teeth
Small: Ø24/Ø12/10 teeth

CAPPINGS BAG FOR EXTRACTORS



EXTRACTOR BASKETS

EXTRACTOR BASKETS	
3-frame basket	
4-frame basket	
5-frame basket	
Radial basket for Ø720 mm extractor	
Radial basket for Ø800 mm extractor	
Radial basket for Ø900 mm extractor	
Radial basket for Ø1000 mm extractor	
Radial basket for 1200 mm extractor	
4-cass. DN for Ø720 mm extractor	
4-cass. LN for Ø720 mm extractor	
4-cass. D for Ø800 mm extractor	
6-cass. DN for Ø800 mm extractor	
6-cass. LN for Ø800 mm extractor	
6-cass. D for Ø1000 mm extractor	
8-cass. DN for Ø1000 mm extractor	
8-cass. LN for Ø1200 mm extractor with partitions	
8-cass. D for Ø1200 mm extractor with partitions	
12-cass. D for Ø1000 mm extractor with partitions	
12-cass. DN for Ø1000 mm extractor with partitions	
12-cass. LN for Ø1200 mm extractor with partitions	
16-cass. DN for Ø1200 mm extractor with partitions	
16-cass. LN for Ø1200 mm extractor with partitions	
20-cass. DN for Ø1200 mm extractor with partitions	
20-cass. LN for Ø1200 mm extractor with partitions	

ACRYLIC GLASS COVERS

ACRYLIC GLASS COVERS	
Extractor diameter Ø500 mm, (set - 3 mm)	
Extractor diameter Ø600 mm, (set - 3 mm)	
Extractor diameter Ø720 mm, (set - 5 mm)	
Extractor diameter Ø800 mm, (set - 5 mm)	
Extractor diameter Ø900 mm, (set - 5 mm)	
Extractor diameter Ø1000 mm, (set - 5 mm)	
Extractor diameter Ø1200 mm, (set - 5 mm)	

HONEY PUMPS' ACCESSORIES

PIPE HOLDER	
W32600 stainless, Ø40 mm	
W3260 painted, Ø40 mm	
W32601 stainless, Ø50 mm	
PUMP HOSE	
5023 Ø40 mm (1 meter)	
5024 Ø50 mm (1 meter)	
5025 Ø60 mm (1 meter)	
ACCESSORIES	
110030 Honey pump impeller 0,37 kW	
110031 Honey pump impeller 1,5 kW	
307004 Set of seals for honey pump and honey bottler	

POWER ADAPTOR WITH WIRE EMBEDDING FUNCTION

- Dedicated for 12V electric honey extractors
- 230V input voltage with an option of 110V
- Output voltage 12V
- Power 250W
- Max current 21A

W3305	Power adaptor 230V/12V (power 400W) to extractors MINIMA with dimension Fi 800-1000mm
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If you need spare parts for your equipment, please contact our distributor or contact us directly globalsales@lyson.com.pl

9

BEEKEEPING OUTFITS



BEEKEEPING OUTFITS COLOR & PREMIUM LINE



BEEKEEPING SUITS



COLOR
line

Available sizes: XS - XXXXL (size chart [E])
Composition: 65% polyester, 35% cotton
Available colors: salmon, purple, blue, turquoise

Clothing made of high-quality fabrics
Fabric thickness: 185 g / m²
Practical pockets tailored
Sleeves with ribbing
Double rings keep the mesh away from the face
Legs with ribbing
Detachable hat



M6056F M6056L M6056N M6056T

M6056L	Overall with hat - salmon
M6056F	Overall with hat - purple
M6056N	Overall with hat - blue
M6056T	Overall with hat - turquoise

BEEKEEPING JACKETS



COLOR
line



M6057T M6057N M6057L M6057F M6057G M6057S1

BEEKEEPING JACKETS

Available sizes: XS - XXXXL (size chart [B])

Composition: 65% polyester, 35% cotton

Available colors: salmon, purple, blue, turquoise, glamour, styl sport M1, styl sport M2

Net cloth / mesh on the back of the hat

Practical pockets tailored

Sleeves with ribbing

Double rings keep the mesh away from the face

Detachable hat



M6057L	Jacket with hat, zipped - salmon
M6057F	Jacket with hat, zipped - purple
M6057N	Jacket with hat, zipped - blue
M6057T	Jacket with hat, zipped - turquoise
M6057G	Jacket with hat, zipped - beige glamour
M6057S1	Jacket with hat, zipped - sport style - M1
M6057S2	Jacket with hat, zipped - sport style - M2

BEEKEEPING TROUSERS

Available sizes: XS - XXXXL (size chart [B])

Composition: 100% cotton,

net I - polyester 100%, net II - polyester fibre

Available colors: white

Practical pockets tailored

Legs with protective rubber



COLOR
line

M6040L	Trousers, salmon
M6040F	Trousers, purple
M6040N	Trousers, blue
M6040T	Trousers, turquoise
M6040G	Trousers, beige glamour
M6040S1	Trousers, sport style - M1
M6040S2	Trousers, sport style - M2



MESH BEEKEEPING OUTFIT

PREMIUM
line

Available sizes: S - XXXXL (size chart [F] / [G])

Composition: 100% cotton,

net I - polyester 100%, net II - polyester fibre

Available colors: white

Increased ventilation thanks to the use of a special mesh

Clothing made of high-quality fabrics

Fabric thickness: 240g / m²

It has reflective elements

All pockets with zippers

Sleeves with ribbing with thumb hole

Overall unzippable legs facilitating easier and faster dressing- up

Detachable hat



M6030	Beekeeping blouse "Premium Line" with mesh
M6031	Beekeeping suit "Premium Line" with mesh
60389	Spare hat for sweatshirt and jumpsuit made of mesh
M60560	Beekeeping suit with premium hat made of spacer fabric 3D

BEEKEEPING OUTFIT WITH VENTILATION

PREMIUM
line

Available sizes: S - XXXXL (size chart [D])

Composition: 65% polyester, 35% cotton

Available colors: white (sweatshirt), yellow (coverall)

Air vents on the back, chest and shoulders

Clothing made of high-quality fabrics

Additional lining on the knee pads

Sleeves with ribbing

Legs with protective rubber, zipped at the bottom for easy putting on the coverall

Detachable mask

Shipped in a protective bag



ID	NAME
M6060	Beekeeping suit "Premium Line" with ventilation, yellow
M6061	Blouse "Premium Line" with ventilation, white
6060_MASKA	Spare mask for suit with ventilation "Premium Line"
6061_MASKA	Spare mask for blouse with ventilation "Premium Line"

BEEKEEPING SUITS

PREMIUM
line

M6056R

M6056

M6056B

Available sizes [M6056, M6056B]: S - XXXXL (size chart [E])
Available sizes [M6056R]: XS - XXXXL (size chart [E])
Composition: 65% polyester, 35% cotton
Available colors: white, beige, pink

All pockets are closed with a zipper (two-way zipper)
 Ventilation holes under the arms
 Sleeves with ribbing and a thumb hole
 Legs with protective rubber, zipped at the bottom for easy putting on the coverall
 On the back, there is an additional net facilitating ventilation
 Detachable hat



ID	NAME
M6056	Overall "Premium Line" with hat, beige
M6056B	Overall "Premium Line" with hat, white
M6056R	Overall "Premium Line" with hat, pink
60380	Spare hat for overall "Premium", beige
60380B	Spare hat for overall "Premium", white
60380R	Spare hat for overall "Premium", pink

BEEKEEPING JACKETS

PREMIUM
line

M6057B

M6057R

M6057

Available sizes [M6057B]: S - XXXXL (size chart [B]),
Available sizes [M6057]: XS - XXXXL (size chart [B]),
Composition: 65% polyester, 35% cotton
Available colors: white, beige

All pockets are closed with a zipper (two-way zipper)
 Ventilation holes under the arms
 Sleeves with ribbing and a thumb hole
 On the back, there is an additional net facilitating ventilation
 Detachable hat



ID	NAME
M6057	Beekeeping jacket "Premium Line" (zipped) with a hat, beige
M6057B	Beekeeping jacket "Premium Line" (zipped) with a hat, white
M6057R	Beekeeping jacket "Premium Line" (zipped) with a hat, pink
60380	Spare hat "Premium", beige
60380B	Spare hat "Premium", white

BEEKEEPING SUIT WITH
REFLECTORS AND LININGPREMIUM
line

Available sizes: S - XXXXL (size chart [E])
Composition: 100% cotton
Available colors: yellow

It has reflective elements
 All pockets with zippers
 Sleeves with ribbing and a thumb hole
 Legs with protective rubber, zipped at the bottom for easy putting on the coverall
 Detachable hat
 Lining made of breathable fabric used in sportswear



M6042	Beekeeping suit with reflectors and lining - "Premium Line"
60385	Spare hat for Premium suit with lining and reflectors

BEEKEEPING TROUSERS

PREMIUM
line

M6040B

M6040

Available sizes: S - XXXXL (size chart [C])
Composition: 65% polyester, 35% cotton
Available colors: white, beige

Zipped pockets
 Legs with protective rubber, zipped at the bottom for easy putting on the coverall



M6040	Beekeeping trousers "Premium Line", beige
M6040B	Beekeeping trousers "Premium Line", white

BEEKEEPING OUTFITS CLASSIC LINE



BEEKEEPING SUITS

CLASSIC
line

Available sizes: S - XXXXL (size chart [E])
Composition: 65% polyester, 35% cotton
Available colors: white, beige

Net cloth on the back of the hat
Practical pockets tailored
Sleeves with ribbing
Double rings keep the mesh away from the face
Legs with ribbing
Detachable hat



ID	NAME
M6002	Beekeeping suit "Classic line" with hat, beige
M6002B	Beekeeping suit "Classic line" with hat, white
60320	Spare hat for a jacket and suit "Classic Line", beige
60320B	Spare hat for jacket and suit "Classic Line", white

BEEKEEPING JACKETS

CLASSIC
line

Available sizes [M6024B, M6024]: XS - XXXXL (size chart [B])
Available sizes [M6124]: S - XXXXL (size chart [B])
Composition: 65% polyester, 35% cotton
Available colors: white, beige

Net cloth / mesh on the back of the hat
Practical pockets tailored
Sleeves with ribbing
Double rings keep the mesh away from the face
Detachable hat



ID	NAME
M6024	Beekeeping jacket "Classic line" with hat, beige
M6024B	Beekeeping jacket "Classic line" with hat, white
M6124	Beekeeping jacket "Classic Line" with a hat with net around, , beige
60320	Spare hat for jacket and suit "Classic Line", beige
60320B	Spare hat for jacket and suit "Classic Line", white
60320_S	Spare hat for jacket with a net around "Classic Line", beige

BEEKEEPING SUIT WITH MASK

CLASSIC
line

Available sizes: S - XXXXL (size chart [E])
Composition: 65% polyester, 35% cotton
Available colors: beige, gray

Practical pockets tailored
 Sleeves with ribbing
 Special grip to keep the mask away from the face
 Legs with ribbing
 Detachable mask



ID	NAME
M60020	Beekeeping suit "Classic line" with mask
60330	Spare mask for suit

DOUBLE BEEKEEPING SUIT

CLASSIC
line

Available sizes: S - XXXXL (size chart [E])
Composition: fabric I - 100% polyester,
 II fabric - 65% polyester, 35% cotton
Available colors: gray

Double material for a better protection against stings
 Practical pockets tailored
 Sleeves with ribbing
 Double rings keep the mesh away from the face
 Legs with ribbing
 Detachable hat



ID	NAME
M6022	Double beekeeping suit "Classic Line" with hat
603200	Spare hat for a double suit

BEEKEEPING JACKET
CAMOCLASSIC
line

Available sizes: S - XXXXL (size chart [B])
Composition: 65% polyester, 35% cotton
Available colors: white, beige

Net cloth on the back of the hat
 Practical pockets tailored
 Sleeves with ribbing and a thumb hole
 Double rings keep the mesh away from the face
 Detachable hat



ID	NAME
M6044	Beekeeping CAMO jacket "Classic Line"
60383	Spare hat for the beekeeping CAMO jacket



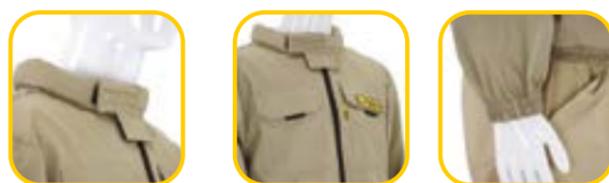
BEEKEEPING SUITS WITHOUT HAT

CLASSIC
line



Available sizes: S - XXXXL (size chart [E] / [B])
Composition: 65% polyester, 35% cotton
Available colors: beige

Protective sponge around the neck
Practical pockets tailored
Sleeves with ribbing



ID	NAME
6003	Beekeeping suit "Classic Line" without hat
6029	Beekeeping jacket "Classic Line" without hat

BEEKEEPING JACKETS, WITHOUT ZIPPER

CLASSIC
line



Available sizes: S - XXXXL (size chart [B])
Composition: 65% polyester, 35% cotton
Available colors: white, beige

Net cloth on the back of the hat
Practical pockets tailored
Double rings keep the mesh away from the face



ID	NAME
M6001	Beekeeping jacket "Classic line" with hat, without a zipper, beige
M6001B	Beekeeping jacket "Classic line" with hat, without a zipper, white
60382	Spare hat for a jacket without zipper, beige
60382B	Spare hat for a jacket without zipper, white

BEEKEEPING JACKET FROM A SHIRT FABRIC

CLASSIC
line



Available sizes: S - XXXXL (size chart [B])
Composition: fabric - cheesecloth, 65% cotton, 35% polyester
Available colors: white

The material from which the jacket is made is a shirt fabric, which works well during very hot weather
Practical pockets tailored
Double rings keep the mesh away from the face
Net cloth on the back of the hat



ID	NAME
M6048	Beekeeping jacket from a shirt fabric, without zipper

BEEKEEPING TROUSERS

CLASSIC
line



Available sizes: S - XXXXL (size chart [C])
Composition: 65% polyester, 35% cotton
Available colors: white, beige

Practical pockets tailored
Legs with protective rubber



ID	NAME
6005	Beekeeping trousers "Classic Line", beige
6005B	Beekeeping pants "Classic Line", white

BEEKEEPING OUTFITS OPTIMA LINE



BEEKEEPING SUIT

OPTIMA
line

Available sizes: S - XXXXL (size chart [A])
Composition: 65% polyester, 35% cotton
Available colors: depending on material's batch

Canvas on the back of the hat
Practical pockets tailored
Sleeves with ribbing
Legs with ribbing
Detachable hat
Double rings keep the mesh away from the face



ID	NAME
M6059	Beekeeping suit "Optima line" with hat, beige
60381	Spare hat for "Optima line" suit

BEEKEEPING JACKET

OPTIMA
line

Available sizes: S - XXXXL (size chart [A])
Composition: 65% polyester, 35% cotton
Available colors: depending on the material's batch

Canvas on the back of the hat
Practical pockets tailored
Sleeves with ribbing
Detachable hat
Double rings keep the mesh away from the face



ID	NAME
M6058	Beekeeping jacket "Optima line" with hat, beige
60381	Spare hat for "Optima Line " jacket

KIDS CLOTHING



KIDS CLOTHING

CHILDREN'S BEEKEEPING SUITS



COLOR line



Available sizes: 116, 128, 146, 152, 158 cm (size chart [H])

Composition: 65% polyester, 35% cotton

Available colors: salmon, blue, turquoise, purple
Canvas on the back of the hat

Practical pockets

Sleeves and legs with ribbing

Detachable hat

Double rings keep the mesh away from the face



ID	NAME
M6013Ł	Kids overall with hat - salmon
M6013N	Kids overall with hat - blue
M6013T	Kids overall with hat - turquoise
M6013F	Kids overall with hat - purple

CHILDREN'S BEEKEEPING SUITS



Available sizes: 116, 128, 146, 158 cm (size chart [H])
Composition: 65% polyester, 35% cotton
Available colors: white, pink

Canvas on the back of the hat
 Practical pockets
 Sleeves and legs with ribbing
 Detachable hat
 Double rings keep the mesh away from the face



ID	NAME
M6010	Children's suit with hat, white
M6011	Children's suit with hat, pink
M6012	Children's suit with hat, CAMO
M6016_R	Spare hat for children's suit, pink
60384	Spare hat for children's jacket and suit, white
60321	Spare hat for children's suit, CAMO

CHILDREN'S BEEKEEPING JACKET AND TROUSERS

Available sizes: 116, 128, 146, 158 cm (size chart [H])
Composition: 65% polyester, 35% cotton
Available colors: white

Canvas on the back of the hat
 Practical pockets
 Sleeves and legs with welt
 Detachable hat
 Double retaining rings keep mesh away from the face



ID	NAME
M6008	Children's jacket with hat, white
M6009	Children's trousers, white

REMAINING CHILDREN'S CLOTHING



ID	NAME
6016	Children's beekeeping hat
6011_D6	Gloves for 6 years old children
6011_D9	Gloves for 9 years old children
6011_D12	Gloves for 12- years old children

BEEKEEPING COTTON HATS WITH MESH



Available colors:



ID	NAME
6025	Cotton beekeeping hat, mesh on the back
602500	Cotton beekeeping hat with mesh, mesh pulled

BEEKEEPING COTTON HATS WITH LINEN



Available colors:



ID	NAME
6032	Cotton beekeeping hat, canvas on the back
60250	Cotton beekeeping hat with canvas on the back, removable mesh

LINEN BEEKEEPING HATS



ID	NAME
6033	Linen beekeeping hat, canvas on the back
6007	Linen beekeeping hat, mesh on the back

BEEKEEPING HATS CAMO



ID	NAME
6039	Beekeeping hat, camo, canvas on the back
6038	Beekeeping camo hat, mesh on the bac

BEEKEEPING HATS



ID	NAME
6032_K	Beekeeping hat with flowers
6032_PL	Beekeeping white-red hat
60420	Beekeeping hat



Available colors: white, green, yellow

Available color: white

ID	NAME
6006	Beekeeping hat with rubber bands
60060	Beekeeper hat tied at the front

PROTECTIVE NETS, PROTECTIVE PADS FOR BEEKEEPING



ID	NAME
6013	Beekeeping head net
6026	Net for straw hat
6085	Camo baseball cap
6016R	Beekeeping mask
6040	Net for hat washing with yellow zip
6040Z	Net for hat washing with green zip

APRONS FOR BEEKEEPING



ID	NAME
6020	White beekeeper's apron, short (S-XXXL)

KITCHEN APRONS



ID	NAME
60433	White, short kitchen apron
60421	White, long kitchen apron
60422	Dark, long kitchen apron

COTTON T-SHIRTS, FLEECE JACKETS



ID	NAME
6015B	Cotton t-shirt
PLR	Fleece jacket

LONG LEATHER GLOVES



ID	NAME
60110	Leather gloves, white (S-XXL)
60112	Leather gloves with wide elastic cuff (S-XXL)
60116	Ladies leather gloves, pink (XXS-L)
60113	Leather gloves with hardened wrist, yellow (S-XXL)
60114	Leather gloves, ventilated, yellow (S-XXL)
60111	Leather gloves, yellow (S-XXL)
6011	Leather gloves, sizes: 8-12
6011_R	Leather gloves pink, sizes: 8-11

LEATHER GLOVES SHORT/PADS



ID	NAME
60115	Leather gloves, short cuff, white (S-XXL)
6049	Leather gloves with cuff 9, 10
6050	Leather gloves: 8, 9, 10
6037	Leg protector with rubber
6036	Forearm protector with rubber

RUBBER/CANVAS GLOVES

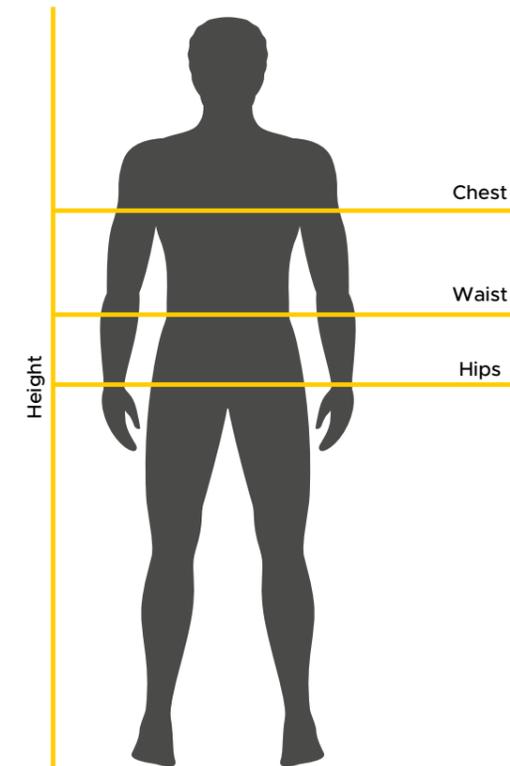


ID	NAME
6027	Rubber coated gloves with long cuff: 9, 10
6034	Rubber coated gloves with short cuff
60270	Rubber gloves, acid-proof
6012	Canvas gloves

SIZE CHART CLOTHING



SIZE CHART CLOTHING



Rozmiar	Height	Chest	Waist
S	164 cm	120 cm	86-104 cm
M	170 cm	124 cm	92-110 cm
L	176 cm	134 cm	100-114 cm
XL	182 cm	140 cm	106-120 cm
XXL	188 cm	144 cm	114-132 cm
XXXL	192 cm	148 cm	118-136 cm
XXXXL	198 cm	160 cm	122-140 cm

Size	Height	Chest	Waist
XS	158 cm	114 cm	60-100 cm
S	164 cm	120 cm	64-110 cm
M	170 cm	134 cm	68-130 cm
L	176 cm	140 cm	74-135 cm
XL	182 cm	154 cm	80-145 cm
XXL	188 cm	164 cm	82-150 cm
XXXL	192 cm	168 cm	84-160 cm
XXXXL	198 cm	176 cm	92-165 cm

Size	Height	Hip	Waist
XS	158 cm	104 cm	60-80 cm
S	164 cm	108 cm	66-88 cm
M	170 cm	114 cm	70-90 cm
L	176 cm	116 cm	76-96 cm
XL	182 cm	120 cm	80-100 cm
XXL	188 cm	124 cm	82-106 cm
XXXL	192 cm	128 cm	88-110 cm
XXXXL	198 cm	132 cm	92-114 cm

SIZE CHART OF CHILDREN'S JACKETS [H]

Height	Chest	Waist
116	90	44-88
128	94	48-94
146	106	54-100
158	120	62-120

SIZE CHART OF CHILDREN'S SUITS [H]

Height	Chest	Waist
116	84	68-80
128	90	72-82
146	106	74-96
152	110	86-100
158	116	88-108

SIZE CHART OF CHILDREN'S TROUSERS [H]

Height	Chest	Waist
116	78	40-68
128	80	44-70
146	82	46-74
158	92	52-84

Size	Height	Chest	Waist
S	164 cm	122 cm	68-106 cm
M	170 cm	130 cm	74-112 cm
L	176 cm	136 cm	76-120 cm
XL	182 cm	140 cm	80-136 cm
XXL	188 cm	148 cm	90-114 cm
XXXL	192 cm	160 cm	96-152 cm
XXXXL	198 cm	166 cm	100-158 cm

SIZE CHART [E]

Size	Height	Chest	Waist
XS	158 cm	116, cm	70-100 cm
S	164 cm	126 cm	92-110 cm
M	170 cm	130 cm	98-114 cm
L	176 cm	136 cm	104-120 cm
XL	182 cm	140 cm	106-124 cm
XXL	188 cm	144 cm	110-134 cm
XXXL	192 cm	148 cm	114-136 cm
XXXXL	198 cm	150 cm	118-140 cm

SIZE CHART [G]

Size	Height	Chest	Waist
S	164 cm	106 cm	104 cm
M	170 cm	112 cm	110 cm
L	176 cm	120 cm	118 cm
XL	182 cm	125 cm	124 cm
XXL	188 cm	136 cm	134 cm
XXXL	192 cm	142 cm	140 cm
XXXXL	198 cm	150 cm	144 cm

SIZE CHART [F]

Size	Height	Chest	Waist
S	164 cm	120 cm	70-116 cm
M	170 cm	122 cm	74-120 cm
L	176 cm	126 cm	80-124 cm
XL	182 cm	130 cm	84-138 cm
XXL	188 cm	135 cm	86-140 cm
XXXL	192 cm	140 cm	90-144 cm
XXXXL	198 cm	144 cm	94-148 cm

APIKAND BEE CANDY & SYRUP

PROTEIN APIKAND

Designed to be used in the spring to stimulate family to grow. Created for the quick regeneration of bees' families, especially those weakened after winter. Contains a balanced mix of ingredients that support the growth of the family bees in periods when natural resources are not sufficient.



Composition:
Dextrose (D-glucose): 43%, Fructose: 34%, Fructose: 34%, Water: 19%, Sucrose: 15%, Other sugars: 8%, Vitamins B1, B2, B6, B12, PP, C, A, D3, E, Amino acids, Minerals, Vegetable Fats, Antioxidants, Essential Oils 20%, Crude Protein 10.5%; Water 19%

ID	NAME
3245	Protein apikand - 1 kg candy

APIKAND BEE CANDY

- **APIKAND**
To stimulate the development and strengthen the immunity of bee colonies.
- **APIKAND WITH NOZEVIT (2,5 ml/kg)**
Nozevit is a natural product that helps to strengthen and maintain the intestinal integrity of bees, as well as the health and vitality of bees.
- **APIKAND WITH VITAMINS**
Contains vitamins A, B1, B6, B12, C, E, Folic acid.
- **APIKAND WITH POLLEN**
Bee Candy with the addition of pollen supports bees development in periods of forage shortage (early spring, periods of bad weather). Pollen - 80g / 1kg

INGREDIENTS:
 DEXTROSE54%
 FRUCTOSE.....40%
 TRIOSE3%
 MALTOSE2%

3247	APIKAND bee candy
3246	APIKAND bee candy with nozevit
3244	APIKAND bee candy with pollen
3243	APIKAND bee candy with vitamins

SUPER PROTEIN APIKAND

- Application:
- in periods with no fertility, with low-quality pollen or homogeneous fruits;
 - for reconstruction after winter, in a period of intensive growth and preparation for production and pollination;
 - during creating splits and in bee- families about to be divided;
 - in the period of preparation for winter;
 - during raising mothers and drones.



Ingredients:
fructose 25%, dextrose 18%, beet sucrose 33%, pollen substitute 24.5%, fats, oils (le-mongrass, mint, thyme, basil, chamomile, calendula, lavender, cinnamon, cloves, sage, aloe, lemon balm, St. John's wort, bay leaf, artichoke), vitamins (A, D, E, D3, B2, B3, B12, K, C), citric acid / lactic acid, minerals (Mg, S, Cu, Fe, Zn, Na, Ca, Mn, Co, P), probiotic bacteria, herbal polyphenol extracts, 10% water.

ID	NAME
3235	Apikand Super Protein Candy - Packaging 0.45 kg x 12 pcs
3235P	Apikand Super Protein Candy - 5.4 kg x 132 pieces - pallet 132 packages
32350	Apikand Super Protein Candy - 0,45 kg



APIKAND GRAIN SYRUP

Apikand is a syrup intended to replenish food supplies with a balanced content of essential micronutrients in bee nutrition. Serving: Apply 0.5 to 1 kg per one bee colony, undiluted. Shelf life: 12 months

APIKAND GRAIN SYRUP WITH HERBS

Apikand with herbs is a syrup intended to replenish food supplies, enriched with herbal extract additives that strengthen bee colony in the event of infection with Nosema Apis and Nosema Ceranae species. Serving: Apply 0.5 to 1 kg per one bee colony, undiluted. Shelf life: 12 months



APIKAND ENERGY BOOST GRAIN SYRUP

Stimulation - with added vitamins and minerals. Complete feed mixture for bees. Average value per dry matter. Vitamins, Minerals, Amino Acids. Natural product.

APIKAND PREMIUM SYRUP

Bee syrup is best for late winter feeding. As a product free of impurities and easily digestible works as a wholesome, alternative food for the bees. Bees quickly eat and use it in life processes.

Composition:
Fructose 40%, Glucose 30%, Sucrose 30%, Water



30315	APIKAND grain syrup 2 kg
30215	APIKAND grain syrup 13 kg
-	Apikand grain IBC tank - 1400 kg - product for individual order
30316	APIKAND grain syrup with herbs 2 kg
30216	APIKAND grain syrup with herbs 13 kg
-	Apikand grain with herbs IBC tank - 1400 kg - product for individual order
30318	Apikand energy boost grain syrup 2 kg
30218	Apikand energy boost grain syrup 13 kg
-	Apikand energy boost grain syrup IBC tank - 1400 kg - product for individual order



ID	NAME
3229	Apikand Premium syrup - PET container 7 kg
30217	Apikand Premium syrup - bucket 14 kg
3218	Apikand Premium syrup, bucket - 25 kg
-	Apikand Premium IBC tank - 1300 kg - product for individual order
3319	Apikand Premium Herbal syrup - PET container 7 kg
3317	Apikand Premium Herbal syrup - bucket 14 kg
3318	Apikand Premium Herbal syrup, bucket - 25 kg
-	Apikand Premium Herbal IBC tank - 1300 kg - product for individual order

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SILICONE MOULDS

Just scan the QR code and see the full catalogue of silicone moulds



CANDLE MOULDS CATALOGUE
2023
LYSON





F020 Angel with Violin
FS18 Christmas Tree, decorated, small
FS03 Cylinder with Snowflake
FS435 Hanger - Kneeling angel



FS10 Modern Angel
FS04 Ball with Snowflake
F110 Christmas Tree with Crib
FS06 Fairy Ball



F031 Easter Egg
F024 Egg with Flowers
FS163 Egg with Lavender
FS69 Egg with Pattern



FS77 Moorhen
FS74 Chicklet in Egg
F107 Little Hare, sitting
F035 Two little Hares



F017 Candle with Honeycomb, small
F016 Skep, small
F114 Beehive
FS464 Bee on the honeycomb



F007 Silicon mould - Cube
FS51 Bee's Cylinder
FS205 Beehive small
FS467 Ball with honeycomb



FS60 Ball, casted
FS36 Crimson Rose
FS43 Rose Heart
FS439 Roller with heart



FS410 Small Hedgehog
FS112 Little Owl
FS02 Cone, medium
FS09 Cylinder, engraved

BAR BEES WAX



FS510



FS511



FS509

ID	NAME
FS511	Bar BEES WAX 0,2 kg
FS510	Bar BEES WAX 0,5 kg
FS509	Bar BEES WAX 1 kg

"BLESSED CANDLE"

ID	NAME
FS402	"Blessed candle" 30x300mm
FS403	"Blessed candle" 40x300mm
FS404	"Blessed candle" 50x400mm

Due to the dimensions, the sold forms are not cut.

A wire is added to the mold to facilitate the pulling of the wick.



FS402

FS403

FS404

CANDLE WICKS

ID	NAME
3006	Candle wick 3mm, skein 20m
3112	Candle wick 2mm, skein 20mm
3007	Candle wick 1,5mm, skein 20m
3274	Candle wick 3x13, 20m
3275	Candle wick 3x6, 20m
3276	Candle wick 3x7, 20m
3277	Candle wick 3x8, 20 m
3278	Candle wick 3x9, 20 m
3281	Candle wick 3x16, 20m
3282	Candle wick 3x10, 20m
3283	Candle wick 3x11, 20m
3284	Candle wick 3x18, 20m

We have two types of wicks:
Round cotton wicks with a thickness of 1.5, 2 and 3mm flat cotton wicks with a braid weave (the number indicates the number of threads)
The label of the mold contains the suggested wick for the beeswax candle. The selection of the right wick depends on the base material, i.e. the quality of the wax, the type of paraffin etc. The burning of the candle is also influenced by the dyes and fragrances used.



CANDLE MOULD TEALIGHT

These soft plastic candle moulds are ideal even for craft beginners thanks to their great ease of use.
The heart-shaped mold for 8 tealight candles is very resistant to high temperatures, so you can pour melted wax into it without any worries.

At the bottom of each cell of the mold is a cavity in which you can place a special wick with a tealight tin. Simply place the wick in the mould, pour in the wax and wait until the wax solidifies. Our moulds are very flexible so that you can pull out the candle after it has solidified without any problem.

Mould dimensions: 22,5 cm x 16 cm

ID	NAME
FM021	Candle mould tealight - hexagons
FM022	Candle mould tealight - stars
FM023	Candle mould tealight - hearts
FM024	Candle mould tealight - rings



FM021



FM022

WAXED WICK WITH TIN FOR TEALIGHTS

T836
• weave 3x10 – 30 threads

T837
• weave 3x13 – 39 threads



FM023



FM024



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BEE & LOVE

BEE & LOVE BY LYSON IS A JEWELRY COLLECTION INSPIRED BY NATURE AND A BEE MOTIVE. THE COLLECTION REMINDS US OF THE WONDERFULNESS OF THE WORLD OF BEES AND OTHER POLLINATORS. SILVER NECKLACES, EARRINGS, RINGS AND BROOCHES ARE CHARACTERIZED BY UNFORCED ELEGANCE. IT'S THE PERFECT GIFT FOR A WOMAN WHO LIVES IN HARMONY WITH NATURE. LET THE BEES TO PUT SOME GLAMOUR TO YOUR STYLE.

with love for bees





BEE & LOVE

LYSON

POLISH JEWELLERY



BEE ON THE HEXAGON BROOCH



GOLD-PLATED SILVER
BL_W01



RHODIUM PLATED SILVER
BL_W02

HONEYCOMB BROOCH



GOLD-PLATED SILVER
BL_W03



RHODIUM PLATED SILVER
BL_W04

BEE ON THE HEXAGON EARRINGS



GOLD-PLATED SILVER
BL_K03



SILVER
BL_K08

EARRINGS - BRAIDED HEXAGON



SILVER
BL_K02



GOLD-PLATED SILVER
BL_K03

EARRINGS - PLAIN HEXAGON



GOLD-PLATED SILVER
BL_K05

NECKLACE - BEE WITH AMBER - SILVER
BL_N05



PLAIN HEXAGON NECKLACE - GOLD-PLATED WITH SILVER ELEMENTS
BL_N02



HEXAGONS NECKLACE



GOLD-PLATED SILVER
BL_N10



SILVER
BL_N11

HEXAGON NECKLACE



SILVER
BL_N03



GOLD-PLATED SILVER
BL_N04

HEXAGONS BRACELET



GOLD-PLATED SILVER
BL_B24



SILVER
BL_B25

BEE ON THE HEXAGON BRACELET WITH PENDANTS



GOLD-PLATED SILVER
BL_B26



SILVER
BL_B27



NECKLACE WITH PENDANTS WITH BEES ON THE HEXAGON



GOLD-PLATED SILVER
BL_N06



SILVER
BL_N07

BEE ON THE HEXAGON NECKLACE WITH PENDANT



GOLD-PLATED SILVER
BL_N08



SILVER
BL_N09

BRACELET WITH BEE ON THE HEXAGON



GOLD-PLATED SILVER, NAVY STRING
BL_B28



GOLD-PLATED SILVER, RED STRING
BL_B29



GOLD-PLATED SILVER, GREEN STRING
BL_B30



GOLD-PLATED SILVER, GOLD STRING
BL_B31

BEE ON THE HEXAGON BRACELET WITH PENDANT



GOLD-PLATED SILVER
BL_B22



SILVER
BL_B23

HEXAGON BRACELET



GOLD-PLATED SILVER, GOLD
BL_B17



GOLD-PLATED SILVER, GRAY STRING
BL_B19



GOLD-PLATED SILVER, GOLD STRING
BL_B21



BROOCH - DIPPED IN GOLD
BL_B06



BROOCH - EMERALD IN HONEY
BL_B10



BROOCH - ROSE IN THE MORNING
BL_B07



BROOCH - QUEEN BEE OF THE MEADOW
BL_B09



BROOCH - DUSTED WITH POLLEN
BL_B02



BROOCH - GENTLE DRONE
BL_B03



BROOCH - MY FIRST FLIGHT
BL_B04



BROOCH - SWEET HONEY SMELL
BL_B08



BEE & SOAP



BEE&SOAP
LYSON

CREATIVE BOX

CREATE YOUR OWN SOAPS WITH THE ADDITION OF BEE PRODUCTS

With BEE&SOAP you can take care of yourself using the gifts of nature. Thanks to its unique forms you can create your own original compositions of bee soaps. Their beautiful scent and pro-health effects will make you relax and take care of your skin. We will take you to a meadow of flowers and to the sweet world of pollinators.

With us you can fully open up to nature and healthy products.

Welcome to the world of bee and natural BEE & SOAP LYSON and Honey Therapy products. We have currently expanded our offer with an innovative hand-made creative set. Thanks to it, you gain the opportunity to create your own compositions of bee soaps, based on glycerin, floral, aromatic dried, as well as delicate cosmetic additives. The main advantage of a creative box is the fact that a special mold for making soaps can be used many times. You can of course diversify the compositions with your own solutions; regarding the aroma or color of the final product. In the preparation of soaps, you will additionally use honey and beeswax. Due to the high content of vitamins, amino acids, esters and organic acids, these ingredients are a real nutritional bomb for human skin. The glycerin base will provide you with support in the case of epidermis reconstruction.

Set includes:

- special, reusable form
- glycerin soap base
- natural honey
- beeswax
- essential oil
- dried flowers
- decorative semi-parchment paper
- decorative eco twine
- wooden spatula facilitating the composition of ingredients
- instructions



1
Measure the amount of the base and place it in the dish.



2
Place the dish on boiling water and mix the ingredients.



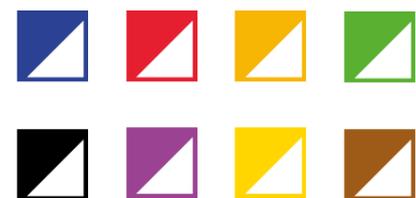
3
Pour the liquid into moulds and let it cool.

SOAP BASES



ID	NAME
BM01	Soap base- shea butter
BM02	Soap base- white
BM03	Soap base- transparent
BM04	Soap base- goat"s milk
BM05	Soap base- carmel
BM13	Soap base- jojoba oil 0,5kg
BM14	Soap base- macadamia oil 0,5kg
BM15	Soap base- cocoa butter0,5kg
BM16	Soap base- avocado 0,5kg
BM17	Soap base- active carbon 0,5kg

SOAP PIGMENTS



ID	NAME
BM07	Soap pigment red 10ml
BM08	Soap pigment green 10ml
BM09	Soap pigment blue 10ml
BM10	Soap pigment purple 10ml
BM11	Soap pigment orange 10ml

NONMIGRATING COLOURS

ID	NAME
BM45	Non-migration pigment 10ml - brown
BM44	Non-migration pigment 10ml - black
BM43	Non-migration pigment 10ml - violet
BM42	Non-migration pigment 10ml - orange
BM41	Non-migration pigment 10ml - blue
BM40	Non-migration pigment 10ml - green
BM39	Non-migration pigment 10ml - yellow
BM38	Non-migration pigment 10ml - red

MIGRATING COLOURS

ID	NAME
BM37	Migration pigment 10ml - brown
BM36	Migration pigment 10ml - black
BM35	Migration pigment 10ml - pink

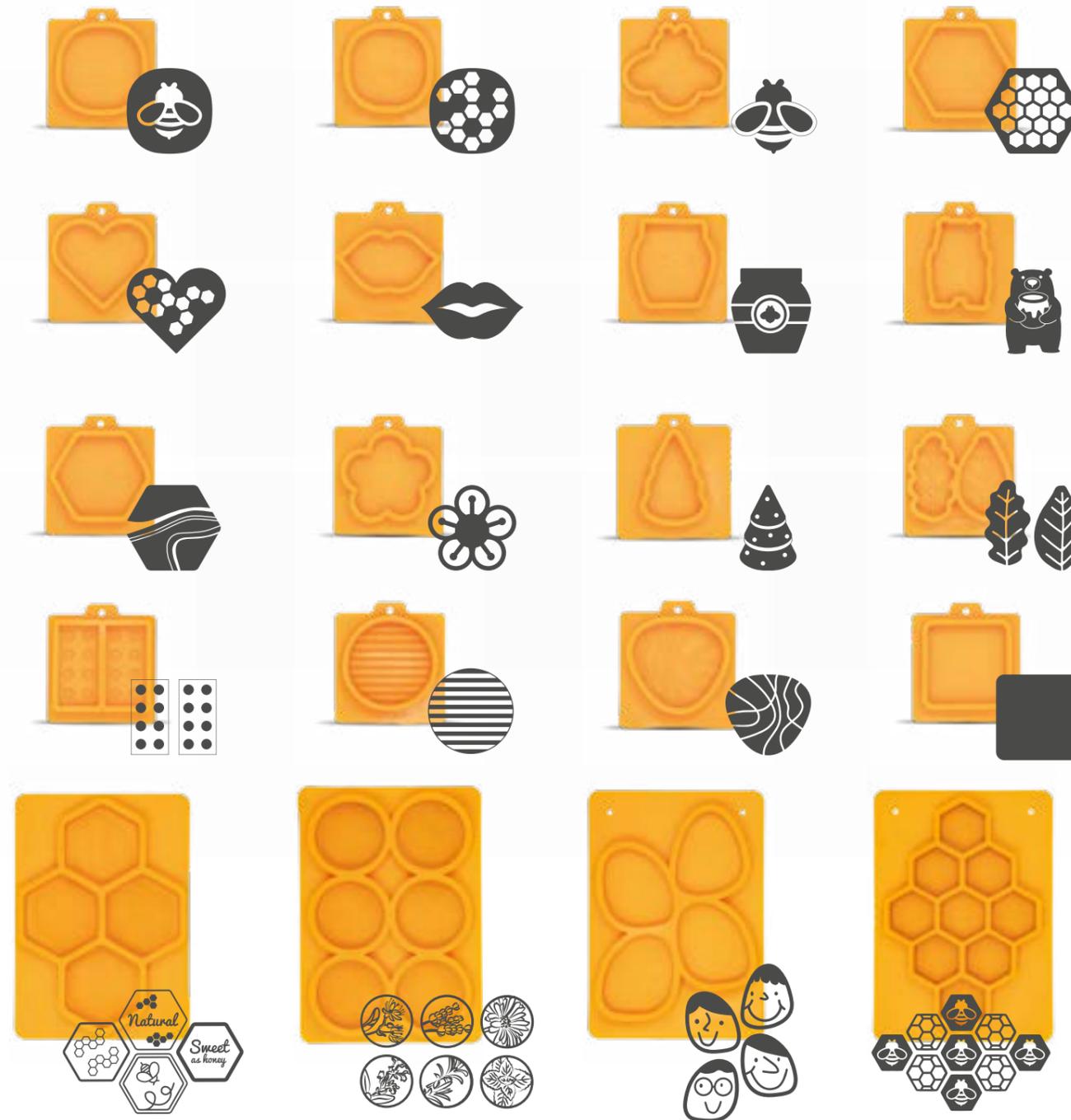
ESSENTIAL OILS

ID	NAME
BM34	Pine essential oil 10 ml
BM33	Orange essential oil 10 ml
BM32	Eucalyptus essential oil 10 ml
BM31	Cedarwood essential oil 10 ml
BM30	Lemon essential oil 10 ml

FRAGRANCE OILS

ID	NAME
BM29	Fragrance oil for soap 10ml - marine
BM28	Fragrance oil for soap 10ml - coffee
BM27	Fragrance oil for soap 10ml - honey
BM26	Fragrance oil for soap 10ml - vanilla
BM25	Fragrance oil for soap 10ml - mint
BM24	Fragrance oil for soap 10ml - rose
BM23	Fragrance oil for soap 10ml - jasmine
BM22	Fragrance oil for soap 10ml - strawberry
BM21	Fragrance oil for soap 10ml - mango
BM20	Fragrance oil for soap 10ml - chocolate
BM19	Fragrance oil for soap 10ml - coconut
BM18	Fragrance oil for soap 10ml - cinnamon

SOAP MOULDS



ID	NAME
FM001	Soap mould - bee (oval shaped)
FM002	Soap mould - hexagon (oval shaped)
FM003	Soap mould - bee
FM004	Soap mould - hexagon
FM005	Soap mould - heart
FM006	Soap mould - lips
FM007	Soap mould - honey jar
FM008	Soap mould - bear
FM009	Soap mould - expression
FM010	Soap mould - flower

FM011	Soap mould - Christmas tree
FM012	Soap mould - 4 soaps, hexagons
FM013	Soap mould - 6 soaps, flowers
FM014	Soap mould - 4 soaps, smiley faces
FM015	Soap mould - 3 soaps, small hexagons
FM016	Soap mould - leaves
FM017	Soup mould - Lego bricks
FM018	Soap mould - round with stripes
FM019	Soap mould - triangle
FM020	Soap mould - smooth square

HONEY LABELS



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JAR LIDS Ø82MM

UNIVERSAL, WITHOUT TEXT



JARS



A1
35 ml

A13
120 ml

A16
245 ml

STICKS FOR HONEY



PAL1
Wooden

PAL2
Plastic

TRANSPORTERS FOR JARS AND BOTTLES



TS1

TS2

TS3

HONEY JAR BOXES



P2g

P1b

P17a

P17b

Art of Beekeeping



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SWEETS WITH HONEY

IF YOU ARE INTERESTED IN OUR RANGE OF PRODUCTS AND WOULD LIKE TO SEE THE ENTIRE CATALOG, PLEASE CONTACT OUR SALES REPRESENTATIVE AGNIESZKACHOLEWA@PASIEKALYSON.PL OR VISIT US AT WWW.PASIEKALYSON.PL



OUR WINNING PRODUCTS

AT APIMONDIA



HAND CREAM
APIMONDIA 2015



BEE BUTTER
APIMONDIA 2019



ROSE SOAP
APIMONDIA 2022



PEELING SOAP
APIMONDIA 2022



BODY BUTTER
APIMONDIA 2022

BEESWAX CANDLE
APIMONDIA 2022



THE SWEETEST THING

- PRALINES
- GRANOLA
- CHOCOLATES
- HONEY FUDGE
- GRANOLA BARS
- HONEY TRUFFLES
- NUT CREAMS & JAMS
- GINGERBREAD SELECTION
- FRUITS & NUTS COVERED IN CHOCOLATE



I LOVE YOU HONEY



ON ITS OWN OR IN A SET
MAKE IT PERSONAL
WITH HONEY LOVE
HONEY GIFT PERSONALIZATION



HONEY THERAPY



- SOAPS
- BODY SCRUB
- HAND CREAM
- FOOT CREAM
- BODY LOTION
- BODY BUTTER
- BATH COSMETICS
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ARMENIA

APIS A LLC АПИС А 000
ул. Айәси 114
Ереван
Армения
Тел. +37441589991

AUSTRALIA

Lyson Beekeeping Supplies
7 Coleman street
4745 Dysart
Queensland
tel. +61 0467 233 292
info@lysonau.com.au
www.lysonau.com.au

AUSTRIA

Imkereibedarf Seiringer
Anzenal 12
4690 Rutztenham
tel. +43 664 2500044
roland@imkerei-seiringer.com
www.imkerei-seiringer.com

Imkershop Wien
Röllgasse 13
1210 Wien
tel. +43 699 14075989
office@imkershop-wien.at
www.imkershop-wien.at

BELGIUM

BEEBOX WORLD SCRL.
Rue du Trou du Sart 8, 5380 Fernelmont
(Namur),
tel.: 0032 /81 36 37 38
info@beeboxworld.com
www.beeeboxworld.com

BIJENHOF BV

Moravie 30, 8501 Bissegem
tel.: 0032 / 56 35 33 67
fax: 0032/ 56 37 17 77
desk@bijenhof.be
www.bijenhof.be

BULGARIA

BEE HOME BG-LTD GORNI BOGROV VIL SOFIA
"Bee Home - BG" Ltd., Sofia, postcode.1806, 663
Botevgradsko Shose Blvd.
Tel: 0878 297 162, 02/ 994 62 66
www.beehome.bg

ACM 53 EOOD

Denimir Minev, gen.V.Zaimov 4, Tuchenica
Pleven 5800
tel. +359 88 826 5242
denimir@hotmail.com

VIMEKS-M OOD

8800 Sliven, blv. Stefan Karadzha, 42-A
Tel: 044 625486
GSM: 0898 435 408;
vimeks@abv.bg
www.vimeks-bg.com

CANADA

Worker and Hive Bee Supply
114 – 2800 107 Ave SE, Calgary, Alberta, T2Z
3R7,
tel. (403) 764-8177
info@workerandhive.com
workerandhive.com

Dancing Bee Inc
3384 Loyalist Rd, Port Hope Ontario, L1A 3V5
www.dancingbeeequipment.com/
sales@dancingbeeequipment.com

ApiHex
500 Rue Léger, Riviere-Beaudette, QC JOP 1R0,
www.apihex.com

CHILE

Agro-Apicultura LTDA
Camino Troncal PARCELA 74, Villa Alemana
tel. +56 9 76681035
ventas@apicola.cl
www.apicola.cl

CROATIA

GALA MED ZA PČELARSTVO I TRGOVINU
Gala 169A, 21241 Gala
tel. +385 21 839 008, mob: +385 91 55
88 211
info@galamed.hr
www.galamed.hr

CYPRUS

Melissokipos Emporiki
Spartis 3, 2480 Tseri, Nicosia
tel. +357 (70)007031, mob. 99626351
info@melissokipos.com
www.melissokipos.com

CZECH REPUBLIC

VAST-OIL spol. s.r.o.
734-01 Karvina-Mizerov, ul. Tyrsova 2347
tel. +420 596 317 842
fax. +420 596 312 488
sciskala@vastoil.cz
www.vastoil.cz

JaHan s.r.o.
Újezd pod Troskami 65, 512 63 Újezd pod
Troskami, Kabeláčova 562/2, 143 00 Praha 12
tel. +420 724 937 999
tel. +420 733 440 616
objednavky@vceliobchod.cz
www.vceliobchod.cz
www.jahan.cz

Včelařství Rázoví
Selská 647, 460 01 Liberec 12
+420 485 103 953
info@vpjsted.cz
www.vpjsted.cz

Včelí prodejna - Bc. Jaroslav Mauer
Kostelní 39, 569 43 Jevíčko
tel. +420 515 535 721
info@vceliprodejna.cz
www.vceliprodejna.cz

Výrobní podnik Ještěd, s.r.o.
Kostelní 39, 569 43 Jevíčko
tel. +420 515 535 721
info@vceliprodejna.cz
www.vceliprodejna.cz

Včelařství Jindra - Jiří Jindra
Martinkovice 130, 54973 Martínkovice
tel. +420 725 726 073
info@vcelarstvjiindra.cz
www.vcelarstvjiindra.cz

Marcela Šafářová - Včelařství Ježov
Ježov 142, 696 48 Ježov,
tel. +420 731 745 904
vcelarstvi.jezov@seznam.cz
www.uvcelky.cz
Včely pod Kletí - Petr Novák
Holubov 89, 382 03 Křemže
tel. +420 724 242 227
obchod@vcelypodkleti.cz
www.vcelypodkleti.cz

Roman Frána - včelařské potřeby
Bucharova 194 (bývalý OPTREX / TESLA), 543
02 Vrchlabí 4
tel. +420 605 130 207
info@vcelka-shop.cz
www.vcelka-shop.cz

DENMARK

BIHUSET
4733 Tappernoje, Rodlersvej 11
tel. +45 55 96 53 22
bihuset@bihuset.dk
www.bihuset.dk

Aulum Biavlscenter
Buntmagervej 18, 7490 Aulum, DK 37625108
tel. +45 9641 2100
info@aulumbi.dk
pf@aulumbi.dk
www.aulumbi.dk

ESTONIA

Sontravento OÜ
Narva 31, 44311, Rakvere, Lääne-Virumaa
tel. +372 53539879
info@mesinduspood.ee
www.mesinduspood.ee

E-Mesilane OÜ
Aia tee 14, Viisu 73202 Järvamaa
tel./fax +3723869805
tel. +37 253-020-381
emesilane@hotmail.ee
www.emesilane.ee

Muhe Mesi OÜ
Kaarma tn 6
Ebavere 46209
Estonia
tel.+372 555 68 732
e-pood@muhemesi.ee
www.muhe.ee

FINLAND

MESIMESTARI
Viraantie 254, 37370 Narva
tel. +358 40 663 6630
fax. +358 3 3737 222
GSM Juha: + 358 400 523 188
GSM Katarina: + 358 400 257 007
mesi@mesi.fi
www.mesimestari.fi

FRANCE
ICKO APICULTURE
IMPASSE DES SENTEURS, 26130 SAINT PAUL
TROIIS-CHATEAUX
tel. +33 (0)4 90 40 49 71
fax. +33 (0)4 90 30 46 77
contact@icko-apiculture.com
www.icko-apiculture.com

GEORGIA
IMPERVET LTD
ul. Cereteli 142, Tbilisi, Gruzja
tel. +995 597 588 653
+995 593 33 07 01
info@impervet.ge
impervet@yahoo.com
www.impervet.ge

GERMANY
DUENSING IMKEREIBEDARF
Waller Str. 22, 29308 Winsen/Aller
tel. +49 5143-6690966
fax. +49 5143-669399
info@duensing-imkereibedarf.de
www.duensing-imkereibedarf.de

Imkerei & Imkerbedarf Wittig
Gasse 2, 01683 Rhäsa
tel. +49 35242-70581
fax. +49 35242-65636
mob. +49 151-55654975
info@sachsenhonig.de
www.sachsenhonig.de

Imkereibedarf Tyroller
DorfstraBe 1a, 86561 Rettenbach
tel. +49 8252882994
info@imkereibedarf-tyroller.de
www.imkereibedarf-tyroller.de

GERMANY
BIENE24.DE
Hasengärtlestraße 65, 88326 Aulendorf
tel. +49 7525923177
hallo@biene24.de
www.biene24.de

Imkereizentrum Łukasiewicz
Suchlica 5a, 74-404 Cychry, POLAND
tel. +48 723 710 100
biene@imkershop24.de
www.imkershop24.de

GREECE

ARCADIKI MELISSOKOMIA S.A.
Mandra Attikis, Post code 19600
phone number +302105551880
info@arkmel.gr
www.arkmel.gr

HUNGARY

BALTA LASZLO
Balta László, Balta és Balta Kft, H-2114 Valkó
Ady E u 9
tel. +36 30 201 2399
baltakft@baltakft.hu
www.baltakft.hu

IRELAND

DONEGAL BEES
Donegal Bees, Cashel, Glencolmille, Co.
Donegal
Ireland F94KP97
IE: +353 (0)74 97 10140
UK: +44 (0)20 3582 3502
enquiries@donegalbees.ie
www.donegalbees.ie

ISRAEL

Lamdani Ltd.
Kfar Haim 42945, Contact person: Gregory
Khalin
tel. 972-9-861 75 96
fax. 972-9-862 38 47
mob. 972-54-449 61 89
khagreg@gmail.com

ITALY

Savuto Srl
c/da Ciota 7 87030 Cleto, CS, IT 01486680786
+39 0982 44760
savutoapicoltura@gmail.com
savutoapicoltura.com

Consorzio Con Le Api
Strada Comunale delle Fine, snc, 86073 Colli A
Volturno
tel. +39 392 661 0758
info@consorzioconleapi.it
www.consorzioconleapi.it

HOBBY FARM di Rubatto Riccardo & C. sas
Via Milano 139, 13900 BIELLA, tel. 015 28628
fax. 015 26045
info@hobbyfarm.it
www.hobbyfarm.it

JAPAN

Akitaya Honten Co Ltd
1-18 Kanojonandori Gifu-shi, 500-8486 Gifu
tel. +81-58-272-1311
mitsubachi@akitayahonten.co.jp
www.akitayahonten.co.jp

Tawara Apiaries, Ltd.
1832 Takata-cho, Ono-shi, 675-1369 Hyogo
tel. +81 794-63-6617
honey888@waltz.ocn.ne.jp
www.tawara88.com

KAZAKHSTAN
ВОЩИНА ОТ ЖАННЫ » Владимир Питенко
г. Алматы, улица Прокофьева, д. 179"Вощина
от Жанны
Тел. +7 (727) 268-46-93,
Тел. +7 (777) 225-38-74
Тел. +7 (771) 415-53-11
www.pchelka-zhanna.satu.kz

Пчеловодческий комплекс "Пасека"
Республика Казахстан
Восточно-Казахстанская область, г.Усть-
Каменогорск, с.Меновное,
ул.А.Янұшкевича 126
Тел. +7(7232)525243,
Тел. +7(7232)517711,
Тел. +7 7779850098
paseka-111@mail.ru
www.paseka-111.kz
www.lysonkz.com

KUWAIT

Almaraseem honey apiaries co. W.I.I
Yaqoub Yousef Alzaabi
Alsiddiq
Block 6 Street 605 House87
Hawally, Kuwait13126
Tel. +965 66600454
yaqoub.yousef@outlook.com

LATVIA

"VINNIS" ltd.
Lacu Street 10, Cesis LV 4101
tel. +371 64122527
bisubode@vinnis.lv
www.vinnis.lv

SIA Lauku Apgāds un meliorācija
Dzirmavu iela 18, Smiltene, Smiltenes novads,
LV-4729
tel. +371 25600574
Bisu Lietas
bisulietas@lam.lv
www.bisulietas.lv

Mājai Dārzam Atpūtai
Shop locations:
Smiltene Veikals "Mājai Dārzam Atpūtai"
Dzirmavu iela 18, LV4729
Gulbene Veikals "Mājai Dārzam Atpūtai"
Dzelzelca iela 14, LV4401
Ape Veikals "Unibode"
Stacijas iela 8-8A, LV4337

LEBANON

Byblos – Lebanon
Estrada Comunale delle Fine, snc, 86073 Colli A
Volturno
tel. +39 392 661 0758
info@consorzioconleapi.it
www.consorzioconleapi.it

LITHUANIA
UAB "WILARA"
Birutės g. 5, LT-59140 Prienai
tel. +370 319 60312
mob. +370 688 48798
info@wilara.lt
www.wilara.lt

LUXEMBOURG

Beienhaff
Pierre Kusnierz
14, Wantergaass
L-7670 Reuland
Email: info@beienhaff.lu
Telefon: +352 621 160 639
https://www.beienhaff.lu

MOLDOVA

Albilux Prod SRL
Chişinău, Moldova MD-2060,
str.Independenței 22
Tel. +373 22 76 56 09
fax. +373 22 76 49 84
mob. +373 780 83 888
info@albilux.md
www.albilux.md

MOLDOVA

ECOSTUP SRL
s. Hincesti 204
MD2070 Chişinau
tel.: +37369511229
tel.: +37360414146
contact@ecostup.md
www.ecostup.md

MOROCCO

SOCIETE RAIS TRADE MOROCCO
DOUAR SMAALA AIN KKERMA, MEKNES
Tel. +212-(0)-661-61-88-87
Tel. +221 6-61-40-79-74
societeraistrade@gmail.com

NETHERLANDS

Apis International
Brandenburglaan 8, 4333BZ Middelburg,
tel. +31(0)622 083 090
info@imkershop.nl
www.imkershop.nl

NEW ZEALAND

Lyson Beekeeping Supplies
tel. +64 27 519 7900
info@lysonnz.co.nz
www.lysonnz.co.nz

NIGERIA

Apicentre Integrated Services Ltd
Suite C18 Emmanuel Plaza, Plot 228 POW
Mafemi, Crescent, Utako, FCT-Abuja.
tel. 08153185648
tel. 07037894702
Info@apicentreng.com
www.apicentreng.com/

NORWAY

Honningcentralen SA
Dyrskueveien 20, 2040 Kløfta
tel. 63 94 20 78
post@honningcentralen.no
www.honning.no

PORTUGAL

JDourobee Lda
Sano Joao da Pesqueira, 4860-285, Rua Direita
Loja 70A 5130-343
tel. +351 254-406-185
Dzelzelca iela 14, LV4401
Ape Veikals "Unibode"
Stacijas iela 8-8A, LV4337

GoldenBee Bruno Cartaxo
Rua Bernardino Machado, 96, 3070-432,
Valeirinha – Mira
tel. 00351 916457534
goldenbee@sapo.pt
www.goldenbee.pt

JGS BEEKEEPING
Lugar de Parada, Pedraça, 4860-285, Cabeceiras
de Basto
tel. + 351 916965477
comercial@jgsousa.pt
geral@jgsousa.pt
www.jgs-apicultura.com

ROMANIA

APIS SRL
Str. Gheorghe Baritiu Nr. 32, 51-5400 BLAJ,
District ALBA
tel. 004 – 0745 582 990
fax. 004 0258 7138 65
apis-blaj@gmail.com
www.apis-blaj.ro

REPUBLIC OF SOUTH AFRICA

BEEWARE
Hollow Space Creations – BeeWare,
Coachmans Crescent, Shop #6, 26 Jacaranda
Street,Hennospark, Centurion,
phone 061 980 6551 | 081 426 433 | 12 771
4288
orders@beeware.co.za
www.beeware.co.za

SAUDI ARABIA

Beekeepers Cooperative Association
PO Box 30, 22888 BALJURASHI, ALBAHA
www.saudibibi.com

SLOVAKIA

APIPRODUKT s.r.o.
Gottwaldova 68, 991 06 Želovce
tel. 00421 47 48 93114
tel. 00421 47 48 93041
mob. 00421 918 079 221
info@apiprodukt.sk
www.apiprodukt.sk

SLOVENIA

BELOKRANJSKI HRAM, trgovina in storitve d.o.o.
Ulica Staneta Rozmana 26, 8340 Črnomelj,
tel. +386 40 745 750,
+386 40 748 588
info.belokranjski-hram@t-2.si
www.belokranjski-hram.si

SOUTH KOREA

Lifeone
17-33 #231Sannam-ro, Paju-city Kyeonggi-do
Tel. 010-3711-2039
www.lyson.co.kr

SPAIN

Apitienda Soltan S.L.U
APITIENDA SOLTAN SL, Calle Francisco de Medina
y Mendoza 45,
pol ind Cabanillas del Campo, cp19171
Guadalajara
Tel +34 949 873 359,
+34 640 527 836
info@apitienda.es
www.apitienda.es

SWEDEN

Joel Svenssons Vaxfabrik AB
Skälderhus, Klippanv. 905, SE 266 94 Munka
Ljungby
tel. +46-431-430055
fax. +46-431-431855
info@joelvax.se
www.joelvax.se

SWITZERLAND

Apimedi GmbH
Bogenstrasse 37, 9621 Oberhelfenschwill
tel. +41 (0) 71 374 29 65
fax. +41 (0) 71 374 29 64
info@apimedi.ch
www.apimedi.ch

SYRIA

Paradise Co.
Syria – Damascus, Midan Cournish, Opposite to
Bemo Bank
Tel: 00693-11-8845557
Tel: 00963-11-8845558
Mob: 00963-933224056
paradise.int@outlook.com

TANZANIA

CENTRAL PARK BEES LIMITED
Off DSM Rd, Swai Street, House no. 40 Makole
P.O. BOX 4105
Dodoma, Tanzania
Tel. +255 753 196849
Tel. +255 689 658811
joseph@centralparkbees.co.tz
www.centralparkbees.co.tz

TURKEY

ApiMaye
BOSB, Birlilik Sanayi Sitesi, Acelya Caddesi, Birlilik
3 Is Merkezi, No:12 Interior Door No: 1/1
34520 Beylikuzu – Istanbul – Turkey
Tel: +90 212 876 7655
Fax: +90 212 876 7654
Email: info@apimaye.com
www.apimaye.com

TURKEY

Lyson Turkey
Demirci mh. Sartoprak, sk. No: 48/1 Nilüfer
/ BURSA
tel. +90 537 526 18 26
info@lyson.com.tr
lyson.com.tr

UKRAINE

LYSON - UKRAINE "Ваша Пасіка"
вул. Львівська 2, с. Наварія, Львівська
область, Львівська обл., Україна, 81105
тел. +38 050 370 35 35
тел. +38 097 631-38-45
ten/fax.c. +38 032 227-29-62
info@vashapasika.com.ua
www.vashapasika.com.ua

UNITED ARAB EMIRATES

Al Najeh Honey Sales
The Prism Tower,
office# 903 Bur Dubai, Business Bay, Dubai
282225, UAE
Tel. +971 43 383339
Tel. +971 56 4996405
info@anhb.ae
www.anhb.ae
www.alnajeh.ae

UNITED KINGDOM

Abelo Ltd
Old Station Yard, Full Sutton, Common Road,
Dunnington
YORK, YO19 5EP
tel. (+44) 01904 849331
mob. (+44) 07508 944101
sales@abelo.co.uk
www.abelo.co.uk

USA

Betterbee
8 Meader Road, Greenwich, NY 12834
tel. 1-800-632-3379
www.betterbee.com

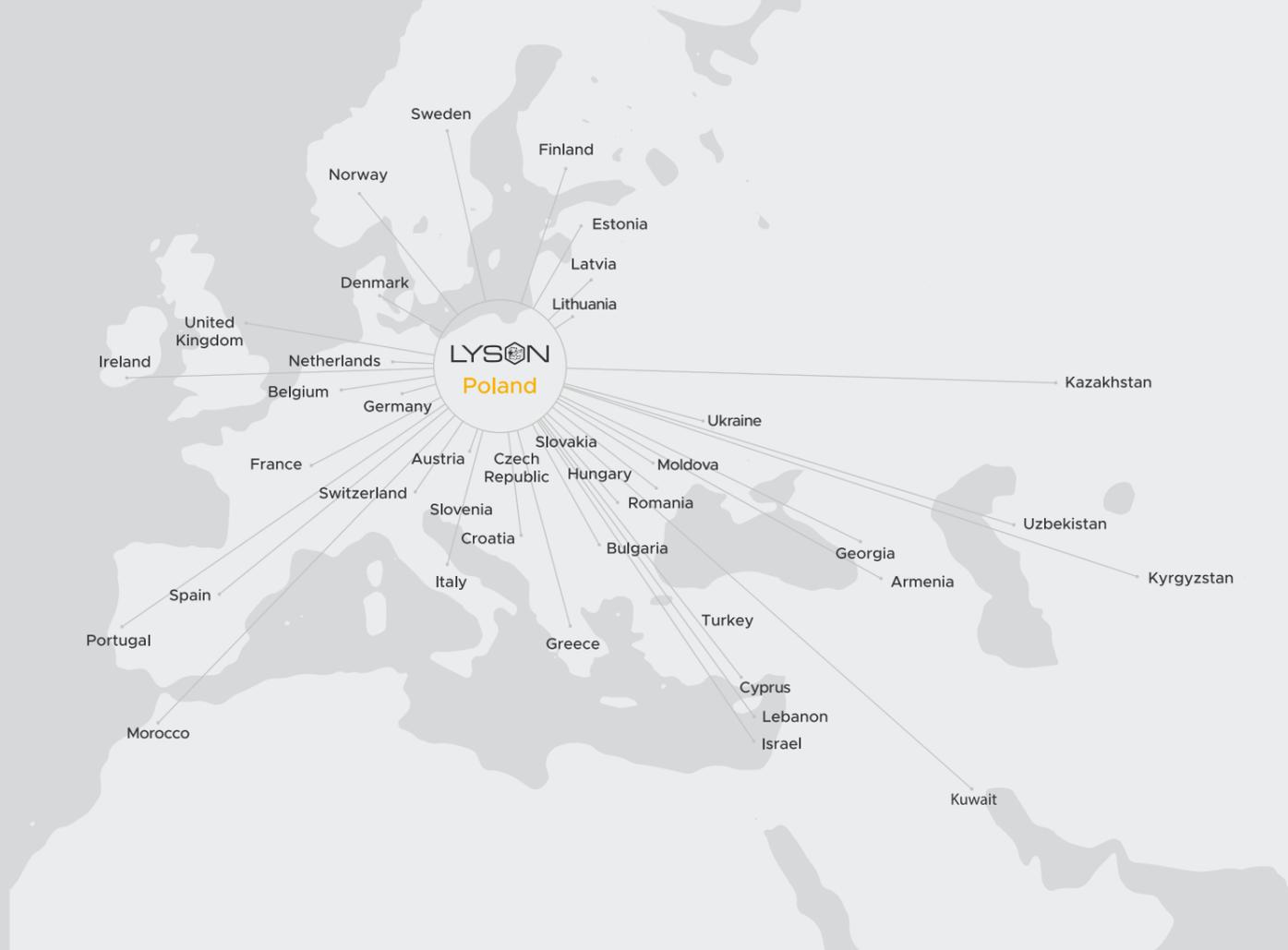
UZBEKISTAN

LYSON
000 "Khorezm Honey"
Tel. +998 93 745 07 07
Tel. +998 97 788 55 99
rahmatillazaripov@lyson.com.pl

WARRANTY PERIOD OF THE DEVICE

CLASS OF MACHINE	STEEL	CONTROLLER	MOTOR + GEAR	OTHER ELEMENTS
HONEY EXTRACTOR				
PREMIUM	7		3	
CLASSIC	5		2	
OPTIMA				2
MINIMA				2
BASIC				2
CREAMING				
PREMIUM	7		3	
CLASSIC	5		2	
OPTIMA				2
HONEY EXTRACTION LINE				
CLASSIC	5		2	
MINIMA				2
UNCAPPING MACHINE				
PREMIUM	7		3	
CLASSIC	5		2	
MINIMA				2
VERTICAL MANUAL UNCAPPING MACHINE W2091, W2091S				2
UNCAPPING TABLE				
CLASSIC				2
OPTIMA				2
CAPPING EXTRUDERS				
PREMIUM	7		3	
OPTIMA	5		2	
CAPPING SPINNER W4800				2
HONEY LOOSENER 30281				2
PROFESSIONAL CAPPING SPINNER W4801				2
HONEY DECRYSTALLIZATION				
W204100				2
W204100A				2
W40780		2		
W40781				2
CONICAL HEATING SPIRAL W32010				2
HEATING COILS CLASSIC LINE W3207, W3208 W3210	5	2	no warranty	2
HEATING COILS OPTIMA LINE W3207_OL, W3208_OL, W3210_OL				2
STAND FOR HEATING COIL W3500101				2
HIVE BODY HEATER W3012				2
ELECTRONIC TEMPERATURE CONTROLLER MHC-01				2
POLLEN PROCESSING				
POLLEN DRYER STAINLESS STEEL W3258C, W3258D			no warranty	2
POLLEN DRYER 30/60/100 KG W3262000, W326200, W3260		2		2
POLLEN CLEANER W3215				2
POLLEN CLEANER 3213				2
POLLEN CLEANER W3214	7	3		
POLLEN CLEANER W3216				2
GRAVITATIONAL POLLEN CLEANER W3218		2		
VIBRATING POLLEN CLEANER W3217				2
DEHYDRATORS				
W4024			3	
W4020			3	
W4021	7		no warranty	2
W4022			no warranty	
TUBULAR FLOW DEHYDRATOR W4025			3	

CLASS OF MACHINE	STEEL	CONTROLLER	MOTOR + GEAR	OTHER ELEMENTS
HONEY SUMPS				
HONEY SUMPS W2084, W2082A, W2081A, W2081	5			2
FILTER ON THE BARREL W370				2
FILTER W360				2
HONEY PUMP				
COMPACT VERSION W2021G400, W2022NZ				2
VERTICAL AUGER PUMP W20210S				2
CLASSIC W2021GN, W20210GN, W2021GNF, W20210GNF				2
STAINLESS STEEL TANKS				
STAINLESS STEEL TANKS 500 L 1000L, W852, W852P, W852M W852MP, W853, W853P, W853M, W853MP	7		3	
WATER- JACKETED STAINLESS STEEL BOTTLING TANK W7056, W7057, W7056MK, W7057MK				2
TRANSPARENT SETTLER 29L. W5020				2
BARREL 200L W7016	2		no warranty	2
PREMIUM LINE	7	3		no warranty
CLASSIC LINE	5	2		no warranty
OPTIMA LINE	2			no warranty
HONEY BOTTLING				
AUTOMATIC HONEY BOTTLING LINE CLASSIC W204004	5			2
HONEY BOTTLERS PREMIUM W204003, W204003Z	7			3
HONEY BOTTLERS CLASSIC W204001, W204001Z	5			2
HONEY BOTTLERS OPTIMA W2040010				2
BOTTLERS WITH MINI TURNTABLE W204012, W204013, W204013Z	5			2
AUTOMATIC TURNTABLE PREMIUM W204002P, W204002PZ	7			3
AUTOMATIC TURNTABLE CLASSIC W204002, W204002Z	5			2
MANUAL HONEY DISPENSER W2045	2			no warranty
LABELING MODULE FOR AUTOMATIC BOTTLING LINE W4086				2
WAX MELTING				
STAINLESS WAX MELTER W4076, W4075, W4076O				2
"WAX MELTER WITH WATER SEALING W4075UW, W4076UW"				2
WAX MELTER LARGE W4072				2
WAX MELTER ON THE BASE OF STAINLESS SETTLER W4097, W4097W, W4097P, W4096, W4096W, W4096P				2
STEAM WAX MELTER W4077				2
WAX MELTER WITH WATER GRATE W4081				2
WAX MELTER COMBINED WITH UNCAPPING TABLE W4074, W4074A				2
MINI WAX MELTERS W4090, W4099_SET, W4099_S				2
HEATING COVER FOR UNCAPPING TABLE				2
ROTARY WAX MELTER W4805				2
WAX SEPARATOR WITH HEATED BOTTOM W4850				2
SOLAR WAX MELTERS W3249, W3200TD, W3248A, W3200TM, W3247, W3200P, 9131				2
WAX MELTING				
STANDS FOR CREAMING MACHINES				2
TRANSPORTING TROLLEY FOR CREAMING MACHINE				2
TRANSPORTING TROLLEY FOR SETTLER				2
PIPE HANDLES				2
MANUAL BOTTLING VALVE W4010, W4010Z				2
PNEUMATIC VALVE W4011, W4011Z				2
STANDS FOR SETTLER				2
SIVES W7022, W7021, W7020, W7023				2
HANDLES				2
STAND LP4004				2
STAND FOR CYLINDRICAL STRAINER, DIAMETER 45 CM, ADJUSTABLE W3225				2
HEAT MELTER W5010				2
DUAL CHAMBER HEATED TANK W7051				2
CASCADE HONEY SIEVE WITH COVER, WITH ELECTRONIC HONEY LEVEL SENSOR W2079				2
HONEY SUMP FLOAT SWITCH W4107, W4105				2
HEATED TANK W7052				2
SCREW CONVEYOR 230V W20971				2



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BILLING DETAILS

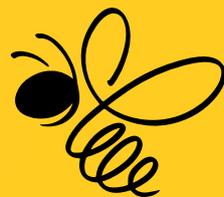
Przedsiębiorstwo Pszczelarskie Tomasz Łysoń Sp. z o.o. Sp. K.
Raławicka 162
34-125 Sułkowice
NIP: 551-260-51-86

OFFICE

Przedsiębiorstwo Pszczelarskie Tomasz Łysoń Sp. z o.o. Sp. K.
Klecza Dolna, Pszczela 2
34-124 Klecza Górna

LOGISTIC

Przedsiębiorstwo Pszczelarskie Tomasz Łysoń Sp. z o.o. Sp. K.
Klecza Dolna, Miodowa 15
34-124 Klecza Górna



DIRECT NUMBER TO EXPORT DEPARTMENT

+48 33 875 99 40
globalsales@lyson.com.pl

LYSON POLAND

www.lyson.eu



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