

INSTRUCTIONS MANUAL

Suction Pump

(for pumping and creaming honey)

400V, 230V



Do not carry out any maintenance work while the device is in use.

IMPORTANT!

Read this user's manual before use and follow the given instructions. Manufacturer cannot be held responsible for any damages caused by improper use or inappropriate handling.



ELECTRICAL SAFETY

1. Before plugging in make sure that the main switch is in OFF/0 position.
2. The device must be plugged into a grounded outlet with a voltage specified on the rating label.
3. Electric installation need to be equipped with a residual current device and is designed to trip on a leakage current of 30 mA. Overcurrent protection needs to be checked periodically.
4. Check the power cord for any physical damage regularly.
5. If the power cord is damaged and needs to be exchanged it has to be done through our distribution point or authorised point of repair in order to avoid danger. The uncapper cannot be used if the power cord is damaged.
6. Overcurrent protection needs to be checked periodically.
7. Take extra care whilst plugging in a power cord.
8. When unplugging do not pull by the power cord.
9. Keep the power cord away from heat sources or sharp edges.
10. Operate and store the device in dry conditions only.



SAFETY OF OPERATION

1. The device is not designed to be used by persons (including children) with limited physical, sensual or psychological abilities or persons who do not have experience or knowledge of the device unless it is done under supervision and according to the user manual passed by persons responsible for their safety.
2. Keep away from children!
3. In case of damage, in order to avoid hazard, repairs can only be undertaken by a special agent or a qualified person
4. Carrying out any maintenance works when the device is in use is strictly forbidden.
5. All casings need to be firmly attached to the device during work.
6. In case of any emergency, use the safety switch immediately.
7. Pump can be restarted only after the threat has been eliminated.
8. For indoor use only.



Do not take any covers off during the operation.

DISPOSAL

The device needs to be utilized in the point designed for that purpose. Customer has the right to return the used equipment to the network of electrical distributors, at least free of charge and directly, if the device returned is of proper type and performs the same function as the newly purchased equipment

PUMP APPLICATION

Thanks to low pumping speed our pump can be used for pumping sensitive liquids, without effect of foaming or aeration.



Du not use for pumping flammable liquids!

GETTING TO WORK

1. Before plugging in turn the main switch to „0“ and the speed dial to „min“
2. Keep the workplace well lit and clean.
3. Wash the pump thoroughly before use.
4. ...but pay special attention to not get the electric motor or the controller unit wet.
5. Connect hoses to both sides of the pumping impeller unit using connectors supplied.
6. Fill the impeller unit with honey before turning the pump on.
7. Plug the power cord into the power source socket.
8. Choose the pumping direction using dedicated switch.
9. If pumping direction is wrong stop the pump, change the direction and start the pump again.
10. After finishing wash and dry the device thoroughly..

MAINTENANCE

IMPORTANT!

Wash the pump thoroughly after work. Remember to cover any electrical parts during the washing.

Directly after honey puping process has been finished place the intake hose into the tank with approx 40-50 liters of warm (50-60°C) water and pump it through to rinse any remaining honey out of the impeller unit. If the pumping unit is not rinsed properly cristalized hone will damage the impeller axle's seals and cause leaks and impeller blocking. Damages caused by inappropriate maintenance are not covered by manufacturers warranty.

Storage

Wash and dry the device before storing.
Perform additional service before the work season.
If any fault is found contact the manufacturers service point.

GETTING STARED

ATTENTION!

Fill the impeller unit with honey before turning the pump on.

Tips:

1. Connect hoses to both sides of the pumping impeller unit using connectors supplied.

How to connect hoses:



Disconnect the connector



Put the clamp on the hose



Slide the connector into the hose and secure it using the clamp



Place the seal as shown above



Place the hose end on the pumping unit nozzle



Secure the hose using the quick connector (supplied)



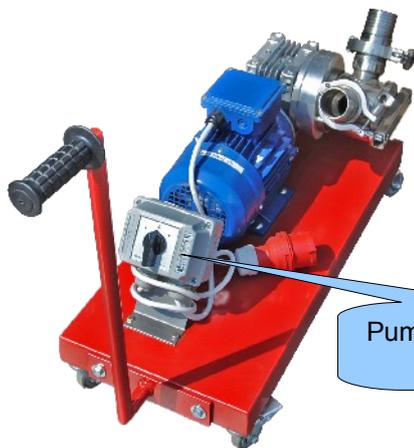
Correctly coupled hose.

2. Pour around 1kg of honey into the hose.
3. Hold the hose vertically to let the honey to flow into the impeller unit.
4. Place the end of the hose into the honey tank
5. When the pump starts to suck honey out of the tank we can begin our work.
6. Warm up the honey to around 30°C before pumping.



Hoses are not supplied with the device

PUMP DESCRIPTION



Pumping direction switch in 400V model

a) 1,5 kW, 400V and 0,37 kW, 400V

Honey Pump 0,37kW:

- Power output 0,37 kW
- optimal efficiency 900L/h (honey temperature 30° C)
- voltage 400V
- rpm reductor
- 230V power supply with inverter (infinite rpm adjustment).

Honey Pump 1,5kW:

- Power output 1,5 kW
- optimal efficiency 1500 L/h (honey temperature 30° C)
- voltage 400V
- rpm reductor
- 230V power supply with inverter (infinite rpm adjustment).

Both pum types are equipped with handles and wheels for ease of movement and set-up.

230V pumps

Pumps with 230V inverters are fitted with controller unit that allows the change of pumping speed. To do that simply turn the speed adjustment dial.

Controller is also fitted with direction changing buttons. Press the arrow marked buttons to chose pumping direction and start the pump at the same time. Press the red button marked „STOP” to stop the pump.

400V models can also have the option to adjust the speed when using with the 230V inverter.

400V pumps

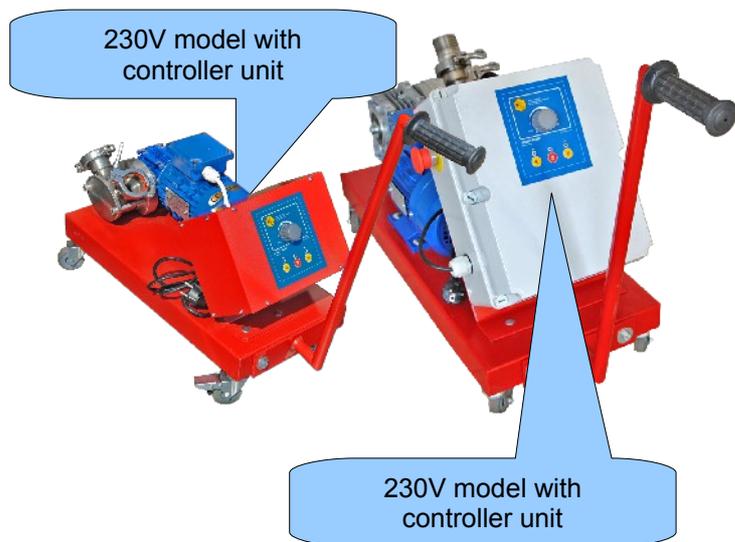
400V pump models are equipped with controller with „LEFT”, „0” and „RIGHT” switch.

When using without inverter pump's electric motoris supplied with 400V current.

Choose pumping direction and start the pump at the same time using „LEFT” or „RIGHT” positions.

Stop the pump using the „0” position.

Check the pumping direction BEFORE the pumping process.



b) 0,37 kW, 230V and 1,5 kW, 230V

Low speed pumps:

Pump model	Pumping and creamind device
W2021GN	0,37 kW, 400V - 0 -360 rpm
W20210GN	1,5 kW, 400V - 0-560 rpm
W2021GNF	0,37 kW, 230V - range from 0 to 360 rpm (<i>rpm adjustment dial</i>)
W20210GNF	1,5 kW, 230V – range from 0 to 560 rpm (<i>rpm adjustment dial</i>)

Phoney pumping devices. Pump unit casing made of Stainless Steel. Elastomer pump impeller

PARAMETERS:

Detailt specs of pumps: