
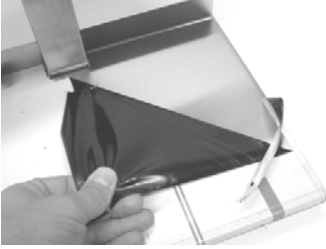
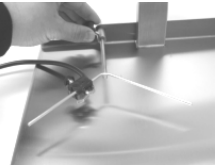




Quickstart

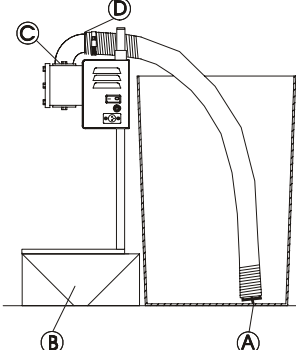

Unpacking

<p>control of damage and completeness</p> 	<p>remove protective foil</p> 	<p>Support</p> <ul style="list-style-type: none"> - place the machine on top of a solid table - it is also possible to hang it on a wall or on a big barrel by means of the "barrel-hanger", (optional part N°. 30104) - the power-supply can be attached to a wall by using the four existing holes
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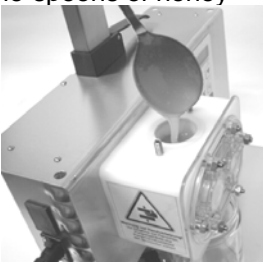
Assembling

<p>disassembly of the components which come in contact with honey (especially pump module and pipe bend) and clean them with warm clear water and eventually with commercial cleaning liquid</p>		
<p>Install the jar-adjusting bow (including microswitch with cable and plug)</p> 	<p>Installation pump module (see picture)</p> <ul style="list-style-type: none"> - Stopper-cross - Filling-nozzle - Clamping flange - Nuts - assemble and fix pump module on drive module by means of the two nuts 	<p>Suction hose</p> <ul style="list-style-type: none"> - heat one end of the hose and the pipe bend to about 176-212 F (80-100°C) in warm water - attach the clamp over the hose - fix the clamp with a screwdriver or a spanner 
<p>After unpacking and connecting to the power supply, let the machine climatize for about one hour to avoid condensation!</p>		



Assembling

<ul style="list-style-type: none"> - cut the hose on the needed length - insert the sucking-basket in the other end of the hose <p>Attention, tightness problems: To prevent air leak problems, fix the pipe-clamp very well while the hose and the pipe-bend is still warm and, if necessary smear honey at the following places:</p> <ul style="list-style-type: none"> - around the pipe bend (D) at the gap at the end of the hose - at the sealing gasket of the flange (C) before assembling - at the black O-ring before assembling the transparent cover of the pumping-module 		
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Preparation for bottling

<p>Honey-necessary temperatures fresh extracted, liquid: - 68-77 F (20-25 °C) creamed honey respectively less water (about <16%): - 77-95 F (25-35 °C)</p>	<p>priming of the pump</p> <ul style="list-style-type: none"> - at first put in 3 table-spoons of honey inside the pump module for greasing of the helical gears - next install the pipe bend on pump module - put an empty jar under the filling nozzle! 	<p>Electrical Connections</p> <ul style="list-style-type: none"> - Connect transformer with the Driving-module - Switch on the red switch (there is not light inside the switch!) - Do not connect the Microswitch yet!
<p>further assumptions:</p> <ul style="list-style-type: none"> - stir homogeneously (especially creamed honey and after heating) 		

Filling of the pumping module- mode of operation MAN- 1

<p>- choose MAN 1 by pressing several times on </p>	<p>- start the motor by pressing  , until the pump module is filled bubble free.</p> <p>Do not forget to place an empty jar under the filling nozzle before!</p>
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Fine adjustment- mode of operation AUTO 1

<p>Menu</p> <p>- Choose mode AUTO 1 by pressing </p> <p>- Choose the desired filling weight (500g, 16 oz) using the UP/DOWN-keys  </p>	<p>Controlling the filling amount</p> <p>- weigh the first jar; press TARA-key on the scale</p> <p>- put jar under filling nozzle</p> <p>- fill this amount into the jar </p> <p>- weigh the content of the jar (without weight of the jar)</p> <p>-> weight is e.g. 512 g</p>	<p>Correction if the weight-difference is more than +/- 0.1 oz / 3g</p> <p>- short pressure on </p> <p>- type in the measured weight (e.g. 512g) by pressing  </p> <p>- confirmation with </p>
<p>Check the weight again – a new correction may be necessary. Please note the bottling- accuracy of +/- 0.1 oz / 3 g!</p>		

Continuous bottling – Mode AUTO 1

<p>Plug the microswitch on the left side of the machine.</p>	<p>- Press the microswitch with every new jar, the next filling-process will be actuated.</p>	<p>Control the filled amount regularly.</p>
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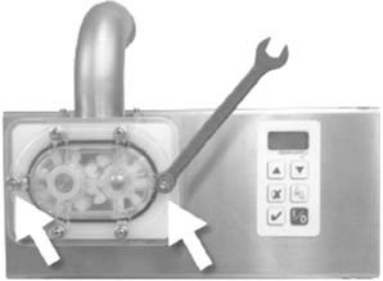
Pumping continuously– Mode of operation Man 2

<p>Install the 2nd pipe bend (optional part, Art.-Nr. 304001) with hose (Art.-Nr. 304002) to the lower opening of the pumping-module.</p>	<p>choose of mode of operation MAN 2, by pressing several times on </p>	<p>By means of a Level-switch (optional part, Art.-Nr. 303004) it is possible to supervise the level of the honey in the vessel from which the honey is being pumped.</p>
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Reverse Pumping – mode of operation REV 1 or REV 2

<p>Is used to empty the pumping-module and the pipe or for continuous pumping between two containers.</p>	<p>choice of mode of operation REV 1 oder REV 2 by pressing several times on </p>
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Cleansing

<p>- Empty pumping-module and hose as good as possible by reverse pumping</p> <p>- Loose the right and left screw (see picture) and remove the pumping-module from the motor-shaft.</p> <p>- Disassemble pump module and pipe bend in the sink and clean with warm water and, if necessary, with a detergent used for dishes.</p>	
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For special questions or problems please use the equivalent chapter in the manual.