



USER'S GUIDE

Babymatic Extractor

Ref. 1265 - 2065

Non contractual picture

THOMAS APICULTURE

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Of beekeeping equipment**

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The Babymatic extractor is the ideal tool for beekeepers with up to 100 hives.

It allows to extract honey quickly. Its transparent half-cover (1) allows the monitoring of the extraction process. Perfectly stable and compact, the Babymatic is easy to install and use.

Technical Definition

Stainless-steel

Size : Ø 650 x 1100 mm

Weight : 48 kg

Triple phase 220 V – 180 W

SAFETY PRECAUTIONS

CAUTION : Before connecting the appliance to the power supply, make sure that the electrical installation complies with current standards (protection by earth leakage circuit breaker, earth wire, etc.).

Check the supply voltage.

Before using the unit for the first time, clean the unit to remove any residual chips or filings.

Fix the appliance to the floor (the feet have holes for this purpose). Do not allow honey to rise above the tube in the centre of the tank.

Always work with the tap open.

In case of unbalance reduce the speed slightly, if the unbalance persists, stop the extractor and rebalance the cage.

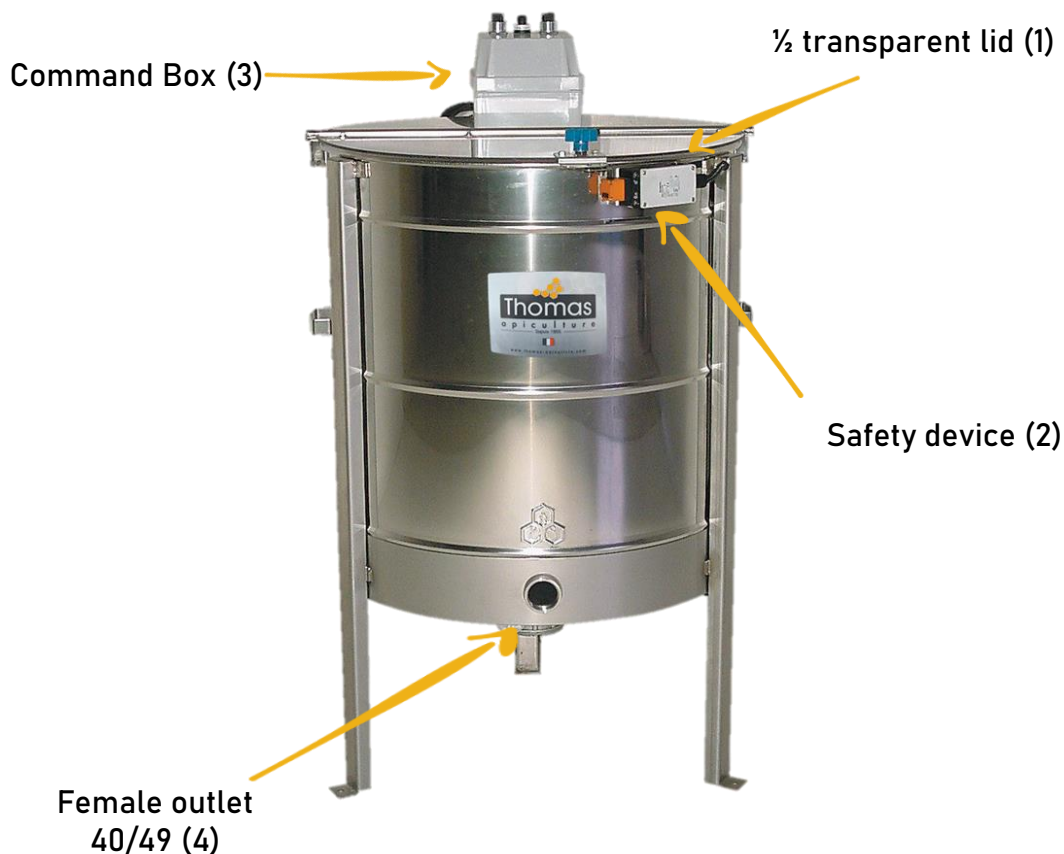
Do not allow honey to enter the safety head (2).



Non-contractual documentation.

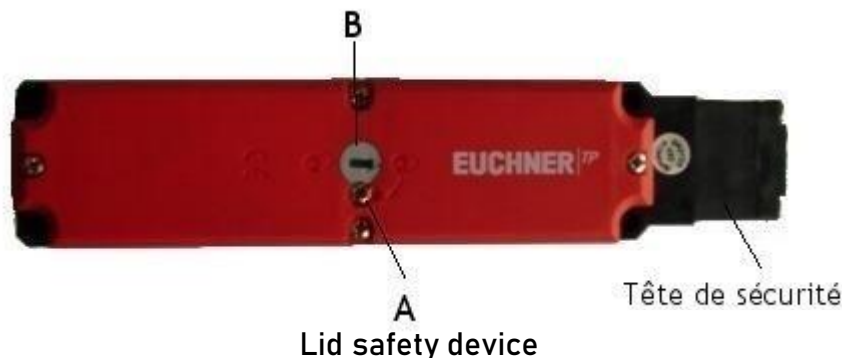
The characteristics stated are given without engagement on our part and can be modified without notice.

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The unit is equipped with a lid locking device. The lid can be unlocked manually. To do so, loosen the screw (A) and then turn the arrow (B) to the "open padlock" position. This prevents the machine from being started and allows the lid to be opened in the event of a power failure or faulty safety.

In order to start the extractor, the arrow must be returned to the "padlock closed" position.



OPERATING PRINCIPLE

Two models of machines are available according to their capacity:

- Ref. 1265: any 12 ½ frame or 12 Langstroth frames
- Ref. 2065: 20 ½ Dadant frames

The honey is guided through the sloped base to a 40/49 (5) stainless steel female outlet. The tank is sold with a "quarter turn" type valve to be mounted by the user.

The device has a transparent ½ lid (1) to monitor the progress of the extraction process.

The radial cage of the extractor is composed of 2 ½ crowns adjustable in height, in order to be able to extract all types of frames.

It is possible to convert the radial cage of the extractor into a tangential cage. A series of tangential grids must then be added. They are in stainless steel GS 335 (Ref. 3350) or chrome plated (Ref. 11102). These grids are sold individually but must be fitted by 4 in the cage.

The frames are arranged in slots within a stainless steel cage which is adjustable by sliding on the axle and are placed in the direction of the radius (for radial extraction) or perpendicular to the radius (for tangential extraction).



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USAGE GUIDE

➤ Setup

Equipping the tank with a tap :

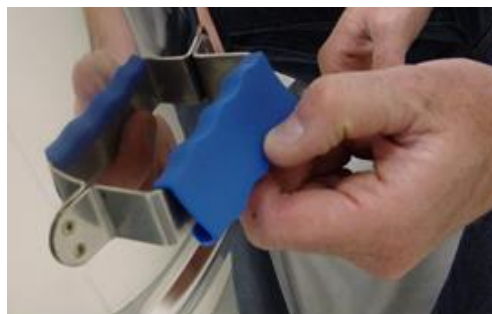
- Apply Teflon® tape to the threaded part of the tap.
- Screw the tap on the tank outlet.

➤ Mise en place des protections pour poignées de transport

Twist the cover to make the plastic more malleable.

Place the cover on the top of the handle.

Push to insert onto the lower part.



➤ Turning the machine on

The unit is operated via a casing (5) attached to the top of the unit.

It is equipped with a " POWER " switch, an ON/OFF button (controlling the electronic starting and breaking of the machine) and a graduated potentiometer to adjust the speed (6).

The machine also has a pre-parameterised adjustable acceleration ramp (see drive manual supplied with the unit).

Connect the unit to the mains.

Switch on the unit (for safety reasons, the cover cannot be opened while the unit is switched off or in operation).

Open the cover (1).

Load the frames and balance the extractor cage as much as possible.

Close the cover.

Set the ON/OFF button to ON (6).

The drive is programmed to reach its maximum speed in 4 minutes (maximum speed in position 10). It is possible to reduce the speed of the extractor at any time.

➤ Stop and opening

Set the ON/OFF button to OFF (6).

Wait for the cage to come to a complete stop.

Wait for the release click to open the machine.

The average extraction time is between 10 and 15 minutes.



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MAINTENANCE

CAUTION : Unplug the machine before any maintenance operation.

Clean with hot water and dry by running the machine empty.

Take care to protect the electrical parts of the appliance when cleaning.

The Babymatic extractor is for seasonal use but must work regularly throughout the year (at least a few minutes per month).

Store preferably in a dry room with the tap open.

Wash in hot water with a damp sponge. Do not allow water to overflow over the tube in the centre of the tank.

Run the unit empty to dry.

Turn machine off, wipe dry if necessary.

It is necessary to regularly tighten the fixing nuts of the two radial crowns constituting the extractor cage to ensure that the lower crown is not in contact with the bottom of the cage.



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Frequent Questions

CAUTION : Unplug the machine before any maintenance operation.

Problem	Possible solution
The machine will not start	<ul style="list-style-type: none"> - Check that the unit is connected to the power supply. - Check the power supply (power failure). - Check that the controller (7) is not set to 0. - Check that the ½ transparent device cover (2) is properly closed and that the safety contact (8) is correctly actuated.
The motor does not engage the cage	<ul style="list-style-type: none"> - Check the adjustment of the cage: the cage pin must be engaged by the motor shaft. - If this is not the case: tighten the nut located under the extractor.
The extractor is not running smoothly	<ul style="list-style-type: none"> - Check the presence of the ball (axis/center plate connection) - Replace the center plate if it is worn.



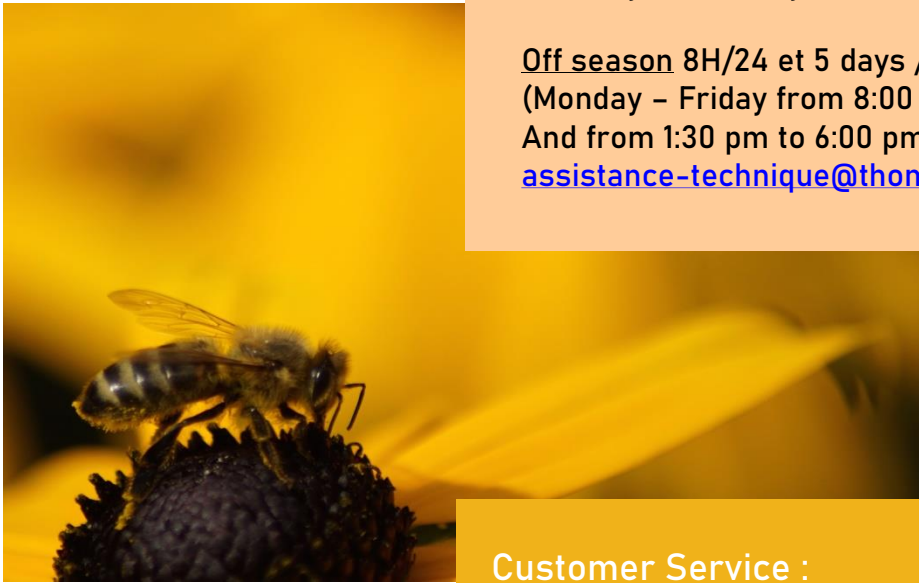
If the problems are still there,
please contact us :

Technical Help:

High season 12H/24 and 6 days /7
(Monday - Saturday 8:00 am - 8:00 pm)

Off season 8H/24 et 5 days /7
(Monday - Friday from 8:00 to 12:00
And from 1:30 pm to 6:00 pm)

assistance-technique@thomas-apiculture.com



Customer Service :

02 38 46 88 00

From 8:00 am to 12:00 am

And from 2:00 pm to 5:30 pm

From Monday to Friday

contact@thomas-apiculture.com