

USER'S GUIDE

Adapt'matic Lid and cross bar Refs. 750/8025/8026/8028



Non-contractual pictures

THOMAS APICULTURE

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Of beekeeping equipment**

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The Adapt'matic lid and cross bar electrify, in a simple way, the manual THOMAS extractors with diameters between 530 mm and 680 mm.

Technical Definition

Cross bar length : 800 mm

Weight :

Ref. 750 : 8 kg

Ref. 8025 : 7,5 kg

Ref. 8026 : 7,7 kg

Ref. 8028 : 11 kg

Single phase 220 V – 550 W

Speed : Up to 280 Rnds/min

SAFETY PRECAUTIONS

CAUTION : Before connecting the appliance to a power supply, make sure that your electric installations comply with current standards (differential circuit breaker protection, earth wire, etc.).

Check the supply voltage.

Keep out of children reach – Unplug after each use.

OPERATING PRINCIPLES

CAUTION : The Adapt'matic lid and cross bar are designed for extraction cages with 15 mm axles. (for other diameters, please contact us).

The motor is also available in 140 W (Ref.751) and can then be adapted to extraction cages with 20 mm axles (24 1/2 Dadant frames and more).

The Adapt'matic lid and cross bar are designed for THOMAS extractors.

The Adapt'matic lid and cross bar have two rotation directions and a speed variator that can go up to 280 rounds/min.

Its power is sufficient to electrify manual extractors with capacities of up to 20 1/2 frames (for the 70 W model).

The lid and cross bar are easy and quick to install.



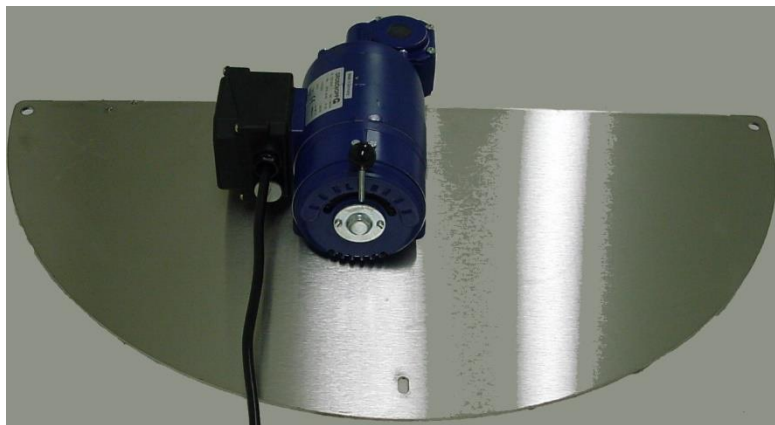
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The characteristics stated are given without engagement on our part and can be modified without notice.

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ASSEMBLY

→ Adapt'matic lid assembly

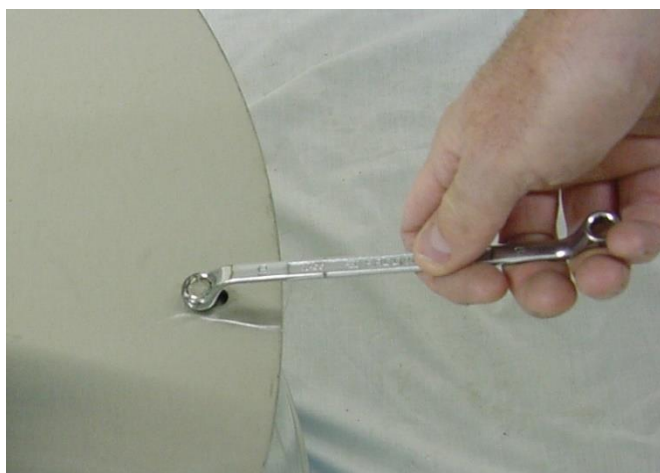


Adapt'matic lid

To replace a manual lid by an electric one, different models must be used.

- Ref. 8025: for Duomel extractors
- Ref. 8026: for Ø 530 mm extractors
- Ref. 8028: for Ø 650 and 680 mm extractors

With a 10-size wrench, unbolt the (A) screw located at the rear of the machine.
The with 2 17-size wrenches, take the (B) bolts out, situated on each side of the cage.



Unscrew the (A) screw with a 10-size wrench...



...then take the (B) bolts out.



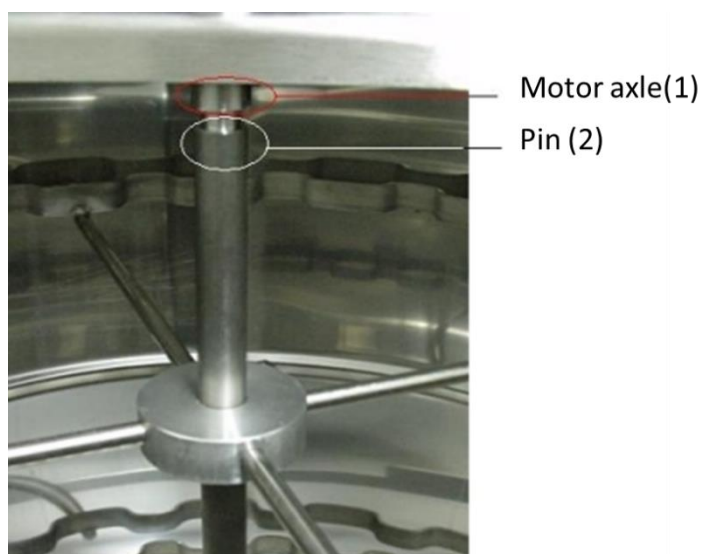
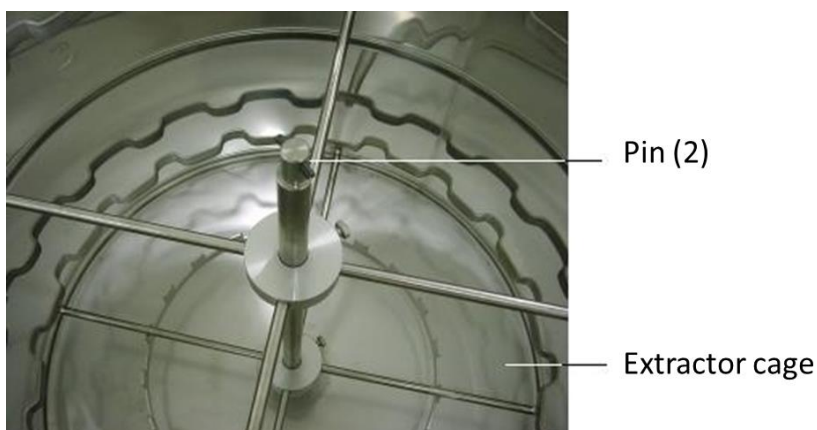
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Remove the lid and place the new one.

Place the motor axis (1) and the pin (2), turn the cage until the two elements engage.



Replace and tighten the (A) and (B) bolts.

→ Adapt'matic cross bar setup



Unscrew the manual cross bar by taking off the (B) bolts.

Measure the distance between the two sides (3).



Distance between
the two sides

Measure the same distance on the cross bar and put marks in the centre of it.
On each side of the motor, on the mark, drill a 10.5 mm hole and deburr with a larger bit.

The cross bar is 800 mm long; if needed, the ends can be cut off with a metal saw. In this case, cut the same length on each side.

Take out the manual cross bar with two 17-size wrenches.

Place the motor axis (1) and the pin (2), turn the cage until the two elements engage. Replace and tighten the (B) bolts.

In both cases, if the pin is too high or low for to be engaged by the motor, screw or unscrew the bolt underneath the extractor.

→ Extraction

Connect to the electrical supply.

Open the transparent lid.

Place the uncapped frames vertically in the cage, taking care to balance the load, and putting the heels outwards.

Close the lid. The "click" of the safety device must be audible when closing (and opening) the lid.

Press the ON/OFF switch (8).

Turn the speed variator in slow gear (medium for tangential extraction) in the chosen direction et wait a couple minutes before raising the speed.

Once the extraction is completed, put the lever (9) back to 0 and wait for the complete stop of the cage.

Press the ON/OFF switch to stop the machine.

Collect the extracted frames

NOTE: Opening the lid during the cycle stops the motor.

MAINTENANCE

CAUTION: Protect the motor when washing with water.

Store preferably in a dry place.



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Frequent questions

CAUTION : Unplug the machine before any work is carried out.

Problems	Possible solutions
The unit does not start (electric version)	<ul style="list-style-type: none"> - Check that the unit is connected to the electrical supply. - Check the power supply (power failure). - Check that the controller (7) is not set to 0. - Check that the transparent lid (2) is properly closed and that the safety contact (8) is correctly engaged ("click" when opening and closing). -If this is not the case, twist the plate slightly outwards.
The motor or handle does not engage the cage	<ul style="list-style-type: none"> - Check the centre plate: the cage axle must be engaged in the one coming out of the motor or handle. -If it is not the case: tighten the bolt underneath the extractor.
The extractor is having trouble running	<ul style="list-style-type: none"> - Check that there still is a marble inside the centre plate - Replace the centre plate if it is worn out. (see p.8)

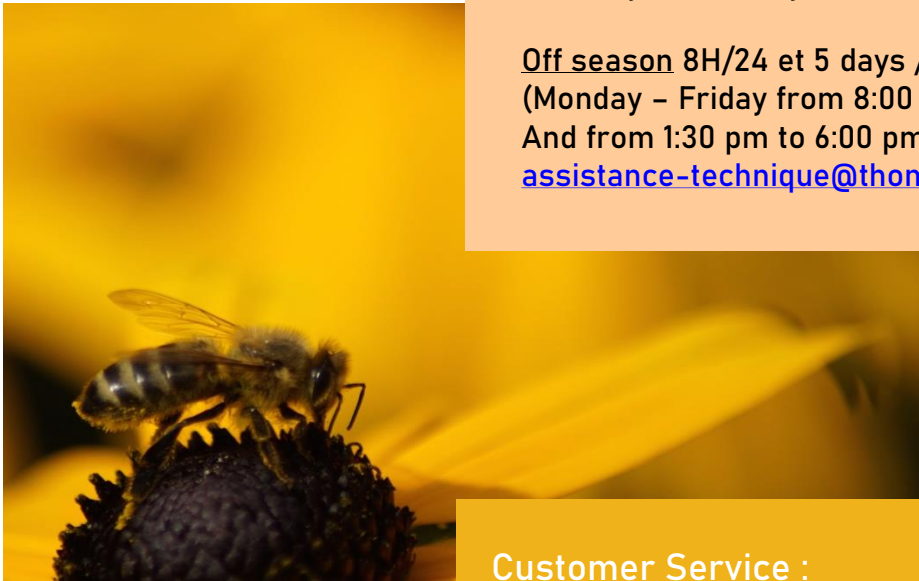


If the problems are still there,
please contact us :

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