

## DIRECTIONS FOR USE

### Helimel

Ref 1482/1485



*Non contractual photograph*

#### THOMAS APICULTURE

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*The Helimel was especially conceived to de-crystallize cold honey and produce creamy honey.*

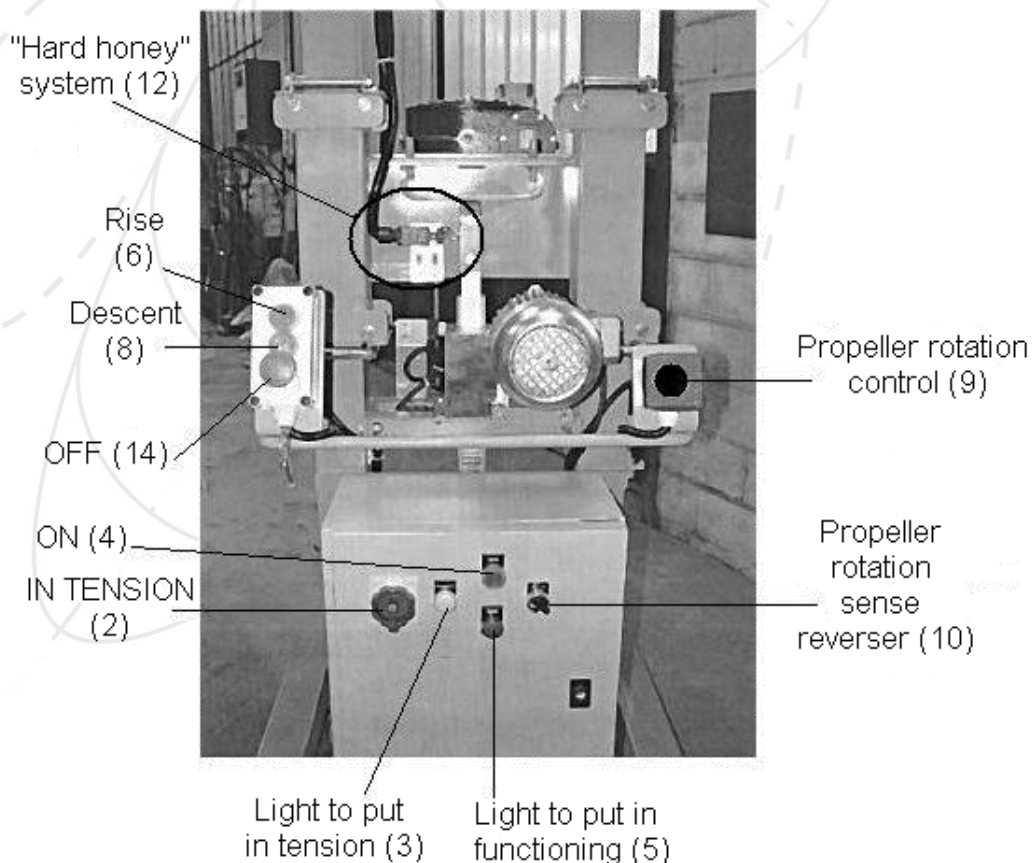
Technical data	
Height:	2, 58 m
Width:	0, 70 m
Motor:	Ref. 1482 (avec Viscomel): three-phase 380 V – 3370 W Ref. 1485: three-phase 380 V – 750 W
Weight:	Ref. 1482 (with Viscomel): 310 kg Ref. 1485: 55 kg

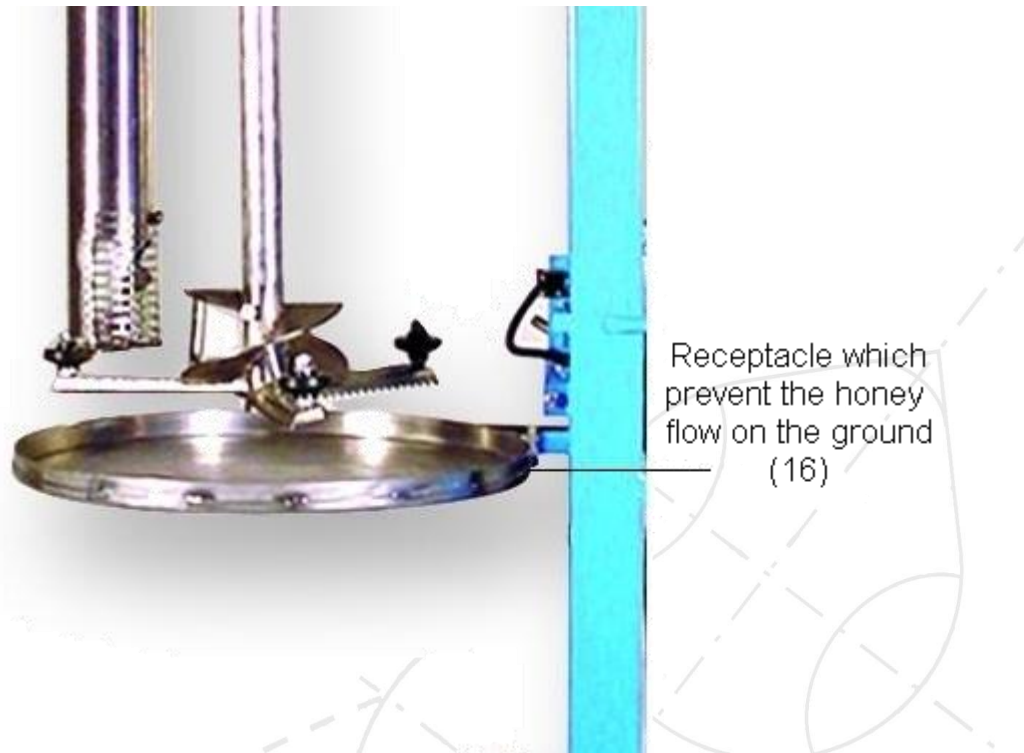
### How to use

**ATTENTION:** Before connecting the switch plug, make sure the wiring is in accordance with current standards (differential circuit breaker, earth wire...).

Check on voltage.

The machine may contain residual iron filings and chips: clean up before first use.





*Stainless steel propeller (1)*

### *Functioning*

The Helimel is equipped with a stainless steel propeller (1) which permits joint the crystallized cold honey. Thanks to this scraping, the honey becomes pasty and can be melted quickly in order to obtain a liquid honey or else refined by a mixer to become creamy, fine and without grain. The machine is equipped with a receptacle which permits to prevent the honey flow on the ground (16).

### **Option**

The machine can be delivered with the Viscomel, which permits to evacuate the honey progressively during the de-crystallization (Ref. 1482).

### *Directions for use*

Connect the machine with the alimentation.

Put the machine in tension activating the button (2) which is planned for this effect: a light (3) lights.

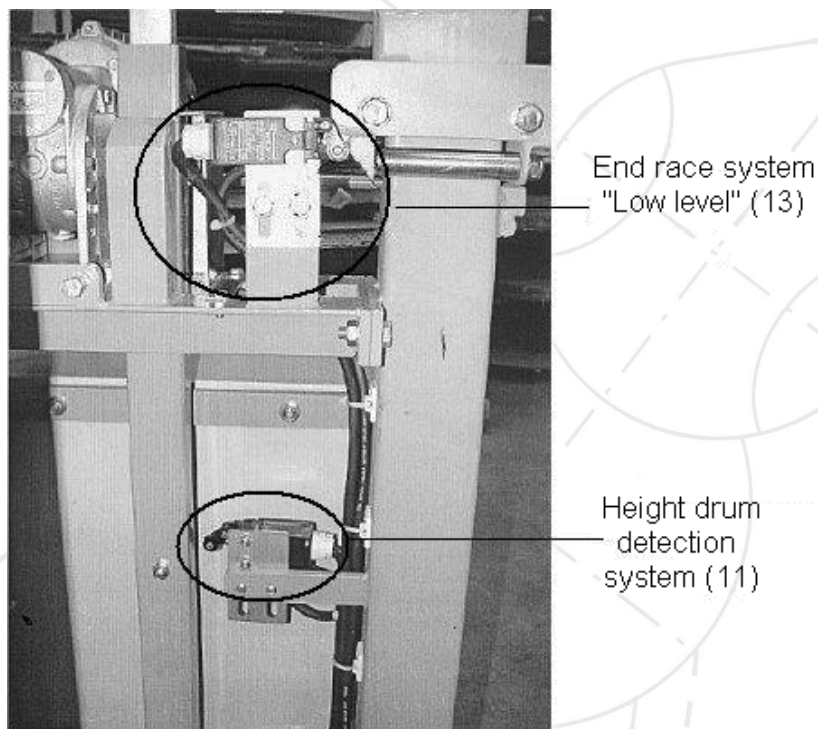
Press the button ON (4): the light ON (5) has to light. If not, disconnect the machine and reverse 2 phases in the plug (the machine is equipped with a phase sense regulator).

Press the rise button (6): the machine rises and is stopped automatically once in contact with the "end race" system (high level) (7).

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Put the drum under the machine and strap it up strongly.  
Press the descent button (8), the machine goes down again.  
Press the button which activates the propeller rotation (9).  
Activate the working sense reverser (10).

**ATTENTION:** For safety measures, a height drum detection system (11) doesn't permit the propeller rotation before that one is into the drum.

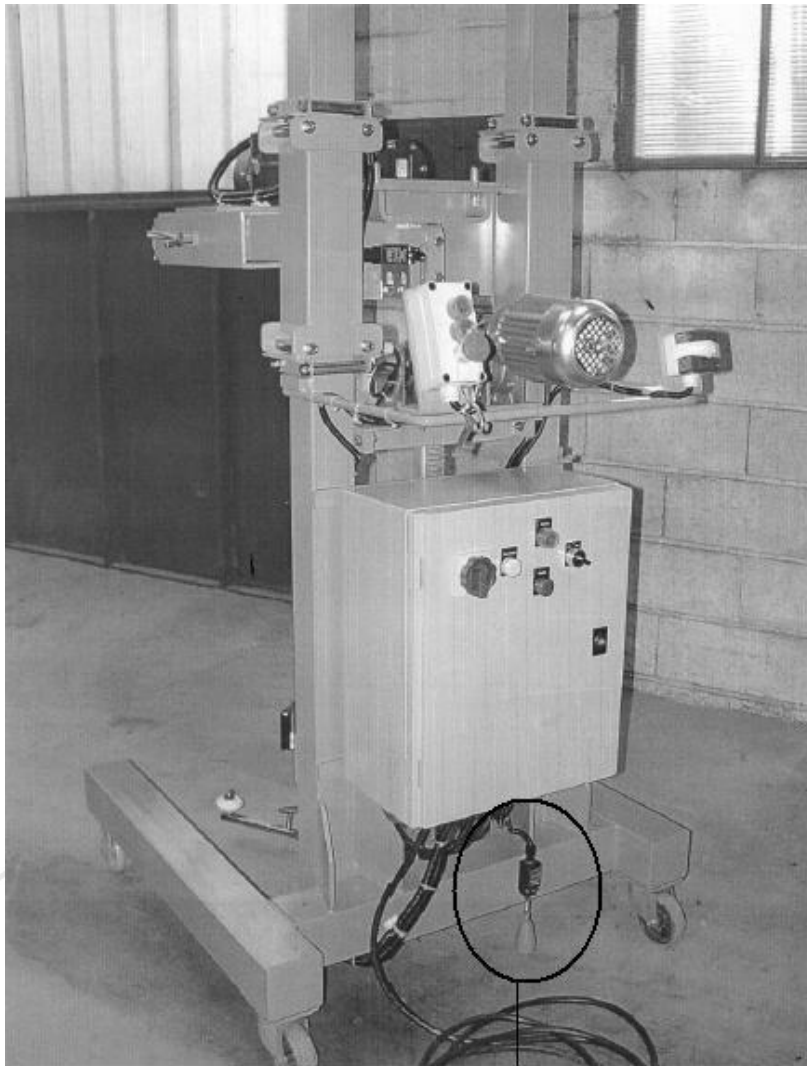


When the propeller gets in contact with a hard honey cover, a second security system ("hard honey" system) (12) stops the propeller descent in the drum. This one continues its rotation to scrap the honey cover. Once this one is sufficiently jointed, the machine continues its descent.

Another "end race" system (13) ("low level") stops automatically the propeller descent before this one reach the bottom of the drum.

In order to stop the machine, activate the button ON (4).

The Helimel is equipped with a security system with pendulum (15) which permits to stop the machine in case of intensive effort or badly strap up drum.



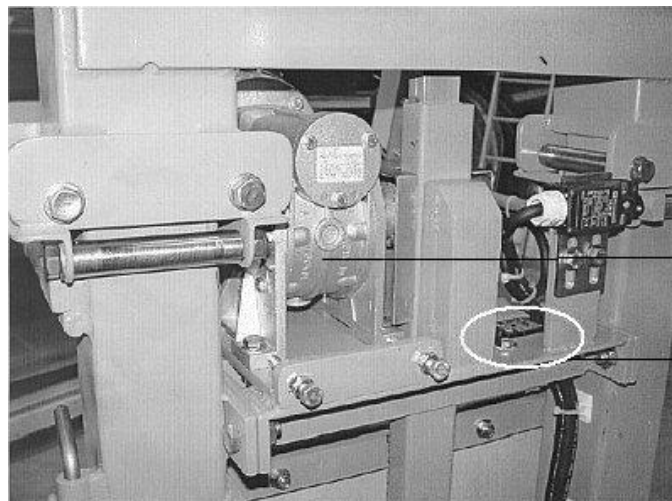
Security system  
with pendulum  
(15)

### *Care and maintenance*

**ATTENTION:** Disconnect the switch plug before care and maintenance.  
Protect the electric parts while cleaning.  
Clean up with hot water.

The Helimel is a seasonal occupancy material but it has to function regularly all along the year (at least some minutes a month).

Preferably store in dry place.



Motor reductor  
(propeller rise  
and descent  
system)

End race  
system  
"High  
level" (7)

### Problems - Solutions

**ATTENTION:** Disconnect the machine before maintenance.

Problems	Possible solutions
The machine doesn't function	<ul style="list-style-type: none"> <li>- Check on connection.</li> <li>- Check on the electric state (possible power failure).</li> <li>- Check the circuit's breakers of the propeller and of the rise/descent system.</li> <li>- Check the state of the fuses into the control case.</li> <li>- Check that the button OFF (14) is well unlocked (unlock it turning it to the right).</li> </ul>
The light ON doesn't lights	<ul style="list-style-type: none"> <li>- Disconnect the machine than change the phase in the plug (the machine is equipped with a phase sense controller).</li> </ul>

If the problems persist, please contact our After Sales Service:



After-sales service:

Weekdays

00 33 2 38 46 88 00

8.00 AM – 12.00

2.00 PM – 5h30 PM

e-mail: [contact@thomas-apiculture.com](mailto:contact@thomas-apiculture.com)

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