	Handbook		
production model	honey extractor equipped with electric motor (110 V)	production number	2007#01

Description

Honey extractor equipped with electric motor.

Code numbers:

4530 - 4610 - 4700 - 4707 - 4570 - 4638 - 4650 4670 - 4712 - 4728 - 4730 - 4737

The box contains



	Code 4530 - 4610 4700 - 4707	Code 4570 - 4638 4650 - 4670 4712 - 4728 4730 - 4737
Tank with cage	1	1
Legs for extractor	3	3
Half lids	2	2
Honey gate Ø 40 mm without back nut	1	1
Gasket O.R. for honey gate	1	1
Plastic handle, screw and nut	1	1
Screws M8 x 16 TE	3	-
Screws M8 x 16 TCTC	3	6
Nuts M8	3	6
What is necessary for assemblage	Spanner 13 Spanner 6 Screwdriver	Spanner 13 Spanner 6 Screwdriver

Instructions for assemblage - codes 4530 - 4610 - 4700 - 4707

Keep the tank in horizontal way,

- 1 Put one leg of the extractor just in front of the holes on the tank.
- 2 Drive the screw with cylindrical head in the high hole taking care that the head of the screw is just inside the tank. Fix the leg with the nut without blocking it.
- 3 Drive the hexagonal screw outside the thread in the lower part.
Repeat the same operation for every leg.
- 4 After assembling the legs, put the extractor on the floor to fix the upper screw with spanner 13 mm. and the screw below with the screwdriver only.
- 5 Assemble the handle: drive the screw in the handle M8x100 with the spanner 6 mm. till the blocking. Block it with the nut.
- 6 Take apart the left hinge, insert the half lids in the suitable holes, assemble and fix.

Instructions for assemblage - codici 4570 - 4638 - 4650 4670 - 4712 - 4728 4730 - 4737


Keep the tank in horizontal way,

- 1 Put one leg of the extractor just in front of the holes on the tank.
- 2 Drive the screw with cylindrical head in the high hole taking care that the head of the screw is just inside the tank. Fix the leg with the nut without blocking it.

Brushy Mountain Bee Farm

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3 Drive the hexagonal screw outside the thread in the lower part.

Repeat the same operation for every leg.

4 After assembling the legs, put the extractor on the floor to fix the screws with spanner 13.

5 Assemble the handle: drive the screw in the handle M8x100 with the spanner 6 till the blocking. Block it with the nut.

6 Take apart the hinge on the left, insert the half lids in the suitable holes, assemble and fix.

Directions for use

Clean the tank, the cage and all the parts that will be in contact with honey, with neutral detergent. Than rinse with a lot of water.

Place the extractor in secure and useful position. Connect the plug to an electric supply as safety rules requires.

Load the frames so that they are even in the cage; close the half lid and turn the switch of the electric motor to the "on" position.

Because of the safety device, the electric motor will start rotating after 10 seconds. Move lightly, right and left, the lever that is at the bottom of the electric motor and the cage of the extractor starts rotating.

At the beginning the cage must rotate slowly not to damage the frames full of honey but it can do the highest number of revolutions when the frames are almost empty.

This operation makes easier the stability of the extractor.

Don't accelerate or brake suddenly because the mechanical connection plugs on the reducer could shear.

When the extraction is complete, turning the switch to the "off" position, cuts off the electricity but the basket keeps rotating by force of inertia ; the safety device keeps the lid locked 40-45 seconds more until the heated metal leaf slowly cools unlocking the bolt.

Maintenance

Check only the brush on the electric motor and the central plastic housing in the bottom. If the cage is removed from the extractor during the washing, take care not to lose the ball bearing located in the plastic housing into which the centre shaft is located.

The usage of the electric extractor is no admittance to children, strangers and all the people that are not informed on directions for use.

At the end of the season, verify the functionality of the extractor and have the maintenance to find the extractor in the best conditions for the following year.


Problems and solutions

Problems	Cause	Solutions
The basket doesn't rotate	No voltage to the electric motor	Check the electrical system
	Wearing of the brushes of the electric motor	Substitute the two brushes
	The central shaft completely blocked	Lubricate the plastic housing with Vaseline
	The plug of the central shaft sheared	Substitute it
The extractor is noisy	Frames not even loaded	Balance better the frames

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	The brushes of the electric motor wore	Substitution of the brushes
	The ball of the central plastic housing is absent	Insert the new ball

Substitution of brushes

To substitute the brushes, it is necessary a cut screwdriver.

1 Unscrew the two nut (1) as illustrated in fig.A;

2 Raise the two small springs (2) fig.B and draw out the brushes (3) indicated in fig.C;

3 Unscrew the two nuts (4) as you can see in fig.D.

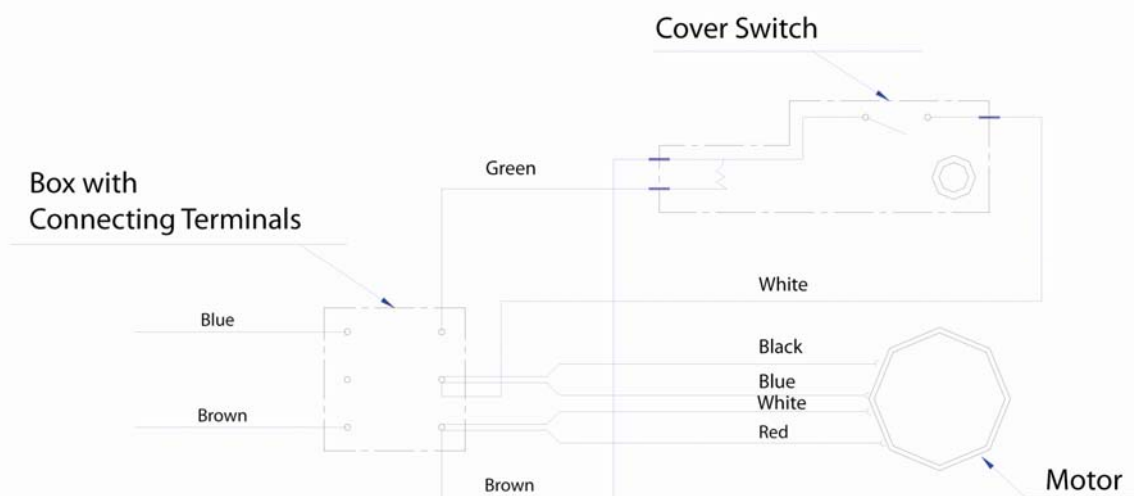
Follow the instructions backwards to insert the new brushes.

Ordinary maintenance

Check only the brush on the electric motor and the central plastic housing in the bottom. If the cage is removed from the extractor during the washing, take care not to lose the ball bearing located in the plastic housing into which the centre shaft is located.

The usage of the electric extractor is no admittance to children, strangers and all the people that are not informed on directions for use.

Electrical equipment (V 110 - 50/60Hz)



Guaranteed 24 months


The machinery is guaranteed for 24 months starting from the date of sale.

The warranty is valid only if you can show the ticket or the invoice that can guarantee the payment, when you collect the machinery from our assistance centre or our authorized technician.

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LEGA s.r.l. warrants this machinery for a 2 years period from the date of purchase. This warranty is effective only together with a documentation which proves the date of purchase (copy of the invoice or receipted bill). The warranty includes repairing and replacement without charges of any part of the machinery that proves defective in factory workmanship and material, under normal use and service, by the manufacturer or an explicitly authorised person. This warranty shall not apply: - if said machinery, or any part of thereof, has been subject to any accident, alteration, tampering, abuse or misuse, wrong repair or repair made by non-original parts; - if it has been repaired by a person which has not been authorised by LEGA s.r.l.; - if it has been damaged during the transport to or from the purchaser. - to ignition device, to all those parts that are subject to normal wear out, and to any aesthetic parts. All labour, packing, forwarding and transport charges shall be borne by the purchaser. Any defective parts which has been replaced shall be kept and become property of LEGA s.r.l. Any breakdown or flaw which should occur during the continuance of this warranty or after its expiry, shall not give any right to the purchaser to interrupt the payment or to reduce the price of the machinery. In any case LEGA S.r.l. doesn't undertake any responsibility about any damages caused by misapplication of the machinery. Equally, any damages caused by a protracted stop of the machinery shall not be acknowledged.

Lega register	Stamp and signature
Electric motor register	
Year of production	Date of registration
Tester code	

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