

PLUK Limited T/A Techtron UK

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Automatic Uncapping Machine

Automatic comb opener is equipped with single phase 220V motor, 1400 rpm, 0,5 kW, and all elements that come into contact with honey are made of antimagnetic stainless steel INOX 304, with stainless steel construction.

It is made of several important parts, drive, work, control and a tank with perforated tray inside where the uncappings fall into.

By placing the frame into the frame holders and releasing the lever and lowering you lower the frame in the space between two axels with stainless steel blades, that hit the honeycomb while spinning and open the honeycombs.

Setting the automatic comb opener for different frame thickness

Remove the protective cover on the side of the opener (by unscrewing 3 screws that connect it with the construction), you can see 3 pulleys that are belt connected to the electric motor pulley on the picture below.



By releasing the screws that connect the motor with the construction, which is used as a belt crimper, you can unscrew the bolts of the bearing of the axels, and set the gap between the axel blades, for thicker or thinner honeycombs.

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Setting the automatic comb opener for longer or short frames (for example changing from national frames to Langstroth)

Remove the top cover, by unscrewing 4 bolts (2 that connect the cover with the construction, and 2 on the side that connect the cover with the side metal sheet) You will see the blades that open the honeycomb covers. If you want to set the blades for shorter frames, unscrew the bolt on the axel before the blade axel, pull out the axel, and put blade behind the pulled-out axel as you can see in the photo below.



Once you do this, put the axel back and screw the bolts. Now the blade won't open when the equipment is in operation, and won't hit the frame.