TEKNAMOTOR

Hammer mill Skorpion 500



Beskrivning av anordningen

Hammer mill Skorpion 500 is designed for disintegrating chips and other pre-shredded wood waste as well as straw, hay, paper, corn etc into a very small fraction.

Charge hopper measuring 500 mm in width and 200 mm height allows vertical drop feeding of charge material. The cutting system of this mill consists of a drum with 63 hammer knives. Configuration of the appropriate number of blades and the diameter of holes in the screen determine regularity and size of the final product.

The mill is equipped with a control switchbox performing the functions of switching on and off, operation and overload control; additionally it can be also provided with a special electronic system of duty control - this anti-stress system protects the cutting group against excessive load through temporary stopping the in-feeding. The machine is driven by a 45 kW electric motor.

Skorpion 500 can cooperate with belt and worm conveying systems. The standard set of devices incorporated includes: a mill, control switchbox, loading conveyor and, on request, an exhaust-pressure fan for receiving the shredded material.

The final product made by hammer mill Skorpion 500 is perfect for production of briquette and pellet, and for burning in pulverized-fuel boilers.

Technical data

Main engine power [kW]

MODEL

Overall dimensions (length x width x height) [mm]
Weight [kg]
No of hammers
Speed of feeding [running meters/min]
Efficiency of chipping [stère meters/h]
Width of chips [mm]
Dimensions of inlet (width x height) [mm]
Diameter of cutting drum [mm]
Revolutions of cutting drum [rpm]
Method of feeding

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1450 (5500)*x 950 x 1670 1300 (1600)* 63 + 6 counters regulated depends on material up to 12 - regulated by screen 500 x 200 300 - work 450 2600 belt conveyor - 4m

Equipment included:

- control switchbox
- loading/feeding conveyor
- electronic anti-stress system