TEKNAMOTOR

SKORPION 650 EB

Mere om produktet

Skorpion 650 EB is a stationary drum chipper designed for chipping flat edgings, round timber, various types of furniture and sawmill waste of a width to 650 mm.

Control system of the chipper operated from the switchbox performs the functions of switching on, operation and overload control, and switching off.

The machine□s cutting system consists of a drum with 2, 3 or 4 (optionally) cutting knives and one support knife. The method of embedding the support knife (extending from the chipper□s body) allows very quick rotation or replacement (the knife is sharpened on four cutting edges). The used knives are made from tool steel, which is resistant to dulling, which in turn is translated into longer lifetime. The number of knives on the drum and the diameter of screen openings allows obtaining the required size of chips. Feeding material is conveyed to the inlet using seven toothed feed rollers, driven by gear motors.

The chipper is equipped with a main low-speed electrical engine. In contrast to high-speed engines, this engine is characterised by more stable operation and higher torque. With the same power, the motor achieves greater power transfers and by increasing the diameter of the main motor pulley □ increased lifetime of the V-belts.

The chipper is driven by electric engine of 90, 110 or 132 kW, and equipped with electronic system of operation control, which automatically prevents overloading of the cutting system by temporarily stopping the feeding.

Our long-term experience in designing machines for the wood sector industry includes execution of projects adapted to the individual needs of our clients.

Skorpion 650 EB can cooperate with belt and vibrating systems of loading and conveying. The basic set of the chipper equipment covers a chipper, a control switchbox, and to request - a loading conveyor and a collecting conveyor.

Chips obtained from Skorpion 650 EB can be used for direct burning in burners/ovens or as raw material for production of paper, furniture chipboards and, after additional disintegrating in a mill, for production of briquettes and pellets.

Technical data

MODEL	SKORPION 650 EB
Overall dimensions (length x width x height) [mm]	3000 x 1620 x 1400 (+600)*
Weight [kg]	5400**
No of knives	2 cutting knives + 1 counter-knife
	3 cutting knives + 1 counter-knife
	4 cutting knives + 1 counter-knife
Feeding speed [running meters/min]	up to 31,5
Chipping capacity [stère meters/h]	up to 50
Chip width [mm]	from 20 to 40
	from 15 to 25
	from 10 to 20
Dimensions of inlet (width x height) [mm]	650 x 250
Drum diameter [mm]	600
Revolutions of cutting drum [rpm]	400 (2 knives)
	500 (3,4 knives)
Feeding unit	belt or vibrating conveyor
Main engine power [kW]	90, 110 or 132
Power of engine on feeding conveyor [kW]	2 pcs x 4,0
Power of engine on collecting conveyor [kW]	2,2

()* - support structure
()** - weight depends on equipment installed.

Equipment included:

- control switchbox
- electronic anti-stress system

Additional accessories on request:

- loading conveyor
- collecting conveyor
- feeding speed regulation