TEKNAMOTOR

SKORPION 280 RB

Περιγραφή της συσκευής

Skorpion 280 RB is the smallest produced by Teknamotor drum-type chipper with a chain feeder meant to cooperate with a min. 60 HP farm tractor (540 rpm).

Large loading table, 265 mm wide and 190 mm high inlet allows chipping branches with offshoots (with leaves and needles) as well as a round timber of the diameter up to 180 mm.

A sector-type drum with three cutting knives (one rotation of the drum for one full cut) allows to achieve a very high potential of the chipper with a relatively low power of the tractor. Knives produced out of special alloy steel and properly heat treated - can be sharpened several times even 20 mm of the nominal size, assuring theirs long-term use.

Installed screen ensures high regularity if chips. Chips are advanced from under the screen to the fan by a screw conveyor, than discharged thorough the ejection tube. The chipper is equipped with manually swiveled by 360°ejection tube.

The feeding system consists of built on a rocker toothed roll of the diameter of 280 mm and a feeding table equipped with roll of the diameter of 200 mm, preceded by manually folded flap. This solution makes the loading much easier, improves the work of operator and increases the efficiency.

Safety of the operator of a chipper is ensured by a cable safety switch attached, which - by pulling the cord in any direction - causes the hydraulic feed system to stop immediately. Unlocking the system takes place by releasing / unlocking the EMERGENCY STOP button to the work position.

As a standard, the chipper is also additionally equipped with one of the most advanced electronic system of work control available on European market automatically protecting the propulsion system of the machine against overload/excessive duty through temporary stopping the feeding unit. Easily editable software of the No-stress system provides a simple way to change the settings of the machine adapting it to individual needs. Preset "thick wood" and "thin wood" modes allow fast and easy change of the operation of the chipper in order to match the current material to be shred and increase the effectiveness of work. Total- and daily- hour meter is built into this system.

Produced chips may be used as a solid fuel for heating, as a raw material for production of paper, furniture boards, and after additional disintegrating in a hammer mill for pellets and briquettes production.

Προδιαγραφές

MODEL	SKORPION 280 RB
Overall dimensions (length x width x height) [mm]	1775 x 1980 (2700)* x 2250 (3050)*
Weight [kg]	1100
Branch diameter [mm]	180
No of knives	3 cutting + 1 counter-knife
Feeding speed [running meters/min]	up to 22
Chipping capacity [stère meters/h]	up to 10
Chip width [mm]	to 25 subject to material
Feeding unit	hydraulic feeder
Drum diameter [mm]	420
Hopper dimensions (width x height) [mm]	265 x 190
Type of drive	tractor’s PTO
Min. power of tractor [hp]	60

()* - unfolded, ready to work

Equipment included:

- PTO shaft
- Independent hydraulic system
- Adjustment of height of ejecting the chips
- Swivelled by 360° ejection tube with deflector.
- Electronic system of work control with hour meter.