

TEKNAMOTOR

SKORPION 350 RBP



Device description

Skorpion 350 RBP is a professional drum chipper designed to work with forest trailer and powered by a farm tractor – min. 100 hp (540 rpm). Due to the great capacity (maximum diameter of shredded logs up to 25 cm) perfectly performs shredding of tree trunks and spread branches. Timber loading space (the inlet) has dimensions of 375 x 340 mm.

This chipper is offered mainly to companies operating in the forestry sector. The structure of the chipper is set on the basis which allows its installation directly on a forestry trailer. In order to install or remove the chipper from the trailer, it is equipped with tightened, adjustable in height legs (it allows to drive the trailer under the wood chipper). Such solution gives the opportunity to use the trailer as a chassis for the chipper and installed on the trailer hydraulic crane improves the operation of the chipper.

The feeding system consists of installed on a rocker 380 mm in dia. toothed upper roll, which pulls in and press the wood and toothed metal crawler (750 mm in length), preceded by the foldable feeding table with additional, 630 mm in length metal crawler. The roll and crawlers are both driven by hydraulic motors, powered by own hydraulic pump, installed on the chipper.

As a standard, the chipper is equipped with a speed control of feeding which allows production of chips in the range of 5 – 35 mm in length. With this solution the Client can produce small chips which – after further processing on hammer mills – can be used to produce briquettes or pellets.

A sector-type drum with 2 cutting knives (one rotation of the drum for one full cut) allows to achieve a very high possibilities of the chipper with a relatively low power of the tractor.

Installed screen – 30 x 30 or 50 x 50 mm - ensures high regularity of chips. Chips are advanced from under the screen to the fan by two screw conveyors, than discharged through the ejection tube.

This chipper is equipped with hydraulically foldable ejection tube with automatic swivel control by 240°, both controlled by hydraulic divider or joystick.

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.

Chips produced out of waste wood can be used for various purposes - as a solid fuel for heating, as a raw material for production of paper, furniture boards or even for decorative purposes.

Purchase of a chipper Skorpion 350 RBP is the perfect solution for companies and businesses which develop their business in a modern and environmentally friendly direction.

Technical details

MODEL

	SKORPION 350 RBP
Overall dimensions (length x width x height) [mm]	2070 x 2220 (3160)* x 2590 (3710)*
Weight [kg]	2200**
Branch diameter [mm]	logs up to 250
No of knives	2 cutting + 1 counter-knife
Feeding speed [running meters/min]	up to 21
Chipping capacity [stère meters/h]	up to 16
Width of chips [mm]	up to 28 mm depends on material
Way of feeding	toothed roll and hydraulically driven feeder track
Drum diameter [mm]	520
Hopper dimensions (width x height) [mm]	375 x 340
Length of chain feeder [mm]	loading table 750, flap 630
Screen [mm]	30x30 lub 50x50
Min. power of tractor [hp]	100

()* - unfolded

()** - weight wood chipper

Standard equipment

- Hydraulically folding loading table (flap) equipped with a chain feeder.
- Hydraulically foldable ejection tube with automatic control of swivel by 240 ° and deflektor.
- PTO.
- Own hydraulic system.
- Electronic system of work control with hour meter.
- Electronic control by hydraulic divider or joystick.