

# TEKNAMOTOR

## SKORPION 250 E / 250 EG



Skorpion 250 EG [B]

### Device description

**Skorpion 250E / 250EG** is a stationary disc chipper used to shred sawmill edgings, branches, tree trunks up to 250 mm in diameter.

The cutting system of Skorpion 250E /250EG consists of a disc equipped with two or three cutting blades, working with two counter knives. The cutting knives life has been optimized by their double-sided sharpening, which allows them to be rotated by 180 °, resulting in twice the length of their use. All the knives are made of appropriately selected tool steel and subjected to professional heat treatment. In addition, the chipper disc also fulfills the task of a fan and ejects produced chips through the ejection tube, which can be positioned in any direction at a full 360 ° radius.

The chipper is available in two versions: with a classic octagonal loading throat (Skorpion 250 E) [A] or with a loading table fitted with a toothed crawler (Skorpion 250 EG) [B]. It is driven by an electric motor of 45 or 55 kW.

The chopper is equipped with a hydraulic propulsion system for feeding the material, driven by its own hydraulic pump.

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 first pressing the "Reset" button before pressing the "forward" button to return to the normal operation of the chipper. Stopping the feeding might be also effected by pressing the "EMERGENCY STOP" button.

The machine is equipped with an electronic control system which automatically prevents overloading of the cutting system by temporarily stopping the feeding. Editing the No-stress overload system allows you to easily change the machine settings and adjust them to individual needs. The program "thick wood", "thin wood" allows a quick change of the working mode of the chipper to suit the currently shredded material and more effective work of the wood chipper. This system has a built-in hourly meter.

The wood chips obtained through the chipping process can be used for direct combustion in furnaces, for production of compost, for decorative purposes and, after repeated shredding in hammer mill, as a raw material for production of briquettes and pellets.

## Technical details

### MODEL

Overall dimensions (length x width x height) [mm]

Weight [kg]

Branch diameter [mm]

No of knives

Feeding speed [running meters/min]

Chipping capacity [stère meters/h]

Chip width [mm]

Feeding unit

Disk diameter [mm]

Hopper dimensions (width x height) [mm]

Type of drive

Main engine power [kW]

### SKORPION 250E / 250EG

3200 x 1400 x 2500 [A]

3000 (3580)\* x 1430 x 2550 [B]

1350 [A]

1800 [B]

250

2 or 3 cutting + 2 counter-knife

up to 42

up to 18

from 9 to 14

hydraulic feeder

800

420 x 255

elektric engine

45 or 55

()\* - dimension after the loading table is unfolded, during operation.

### Equipment included:

- Control switchbox
- Independent hydraulic system
- Adjustment of height of ejecting the chips
- Rotary chimney 360°
- Elektric anti-stress system

### Additional accessories on request:

- Extension of the ejection tube