

# TEKNAMOTOR

## SKORPION 250 SDT



### Beskrivning av anordningen

**SKORPION 250 SDT** is a perfect choice for people involved in community service activities, for road companies and for forest sector. Because of its high processing capacity (the maximum diameter of the cut branches is 25 cm), it is excellent for chipping tree trunks and large branches; the throat of the model is 420 mm wide and 255 mm high.

The drive system of this chipper is optionally a four-cylinder, turbocharged Kohler diesel engine (74,8 hp) or Hatz (74,8 hp); it is liquid-cooled and as a standard fitted with a mask. In order to maintain many hours of continuous operation, the chipper is equipped with a 60 liter fuel tank.

The cutting system in Skorpion 250 SDT is made by 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 the produced chips through the ejection tube, which can be positioned in any direction at a full 360° radius.

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.

Skorpion 250 SDT is equipped with one of the most modern electronic No-stress systems available on the European market; the system automatically prevents overloading of the drive 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 Skorpion 250 SDT chipper has received European approval, which permits registration of the machine and traffic approval. It is equipped with overrunning brake and parking brake, LED traffic lights and a choice of spherical or eye catch.

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 data

### MODEL

### SKORPION 250 SDT/K

Overall dimensions (L x W x H) [mm]	4600 x 2010 x 2520
Weight [kg]	1770
Branch diameter [mm]	250
No of knives	2 or 3 cutting + 2 counter-knife
Feeding speed [running meters/min]	up to 42
Chipping capacity [stère meters/h]	up to 22
Chip width [mm]	from 9 to 14
Feeding unit	hydraulic feeder
Disk diameter [mm]	800
Hopper dimensions (width x height) [mm]	420 x 255

#### ENGINE TECHNICAL DATA

Engine model	KOHLER KDI2504TCR
Engine cubic capacity [cm <sup>3</sup> ]	2482
Power of engine [hp]	74,8
Type of cooling	liquid
Type of fuel	diesel
Fuel tank capacity [l]	60
Start-up	electric

### MODEL

### SKORPION 250 SDT/H

Overall dimensions (L x W x H) [mm]	4600 x 2010 x 2520
Weight [kg]	1770
Branch diameter [mm]	250
No of knives	2 or 3 cutting + 2 counter-knife
Feeding speed [running meters/min]	up to 42
Chipping capacity [stère meters/h]	up to 22
Chip width [mm]	from 9 to 14
Feeding unit	hydraulic feeder
Disk diameter [mm]	800
Hopper dimensions (width x height) [mm]	420 x 255

#### ENGINE TECHNICAL DATA

Engine model	HATZ 4H50TICD
Engine cubic capacity [cm <sup>3</sup> ]	1952
Power of engine [hp]	74,8
Type of cooling	liquid
Type of fuel	diesel
Fuel tank capacity [l]	60
Start-up	electric

**Equipment included:**

- Counter of operating hours
- Spare wheel
- Adjustment of height of ejecting the chips
- Rotary chimney 360°
- No-stress system

**Additional accessories on request:**

- Extension of the ejection tube