



Seadme kirjeldus

SKORPION 280 SDB is the smallest produced by Teknamotor drum-type chipper. 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.

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.

The propulsion system is a liquid-cooled diesel engine with capacity of 24,5 hp (three-cylinder) or 25 hp (four-cylinder) and as a standard fitted with a mask. Optionally the propulsion system is a due-cylinder air-cooled petrol engine with capacity of 38 or 32,6 hp. In order to maintain many hours of continuous operation, the chipper is equipped with a 40 liter fuel tank.

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. 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.

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.

Chipper Skorpion 280 SDB has got the EC Vehicle Type- Approval Certificate which allows registration of the machine and licensing it for the road traffic.

Chips made by Skorpion 280 SDB can be used as a solid fuel for heating in buildings (burning in ovens/stoves), as raw material to produce compost, for decorative purposes in gardens, parks, etc., and after additional disintegrating in a mill for production of pellets and briquettes.

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MODEL

Overall dimensions (L x W x H) [mm] Weight [kg] Branch diameter [mm] No of knives Feeding speed [running meters/min] Chipping capacity [stère meters/h] Chip width [mm] Feeding unit Drum diameter [mm] Screen [mm] Hopper dimensions (width x height) [mm] ENGINE TECHNICAL DATA (Diesel) Engine model

ENGINE TECHNICAL DATA (Petrol)

SKORPION 280 SDB 3750 (4460)* x 1810 x 2400 (3100)* 1460 - 1550**

1460 - 1550** 1803 cutting + 1 counter-knife up to 22 up to 10 to 25 subject to material hydraulic feeder 420 30x30 or 50x50 265 x 190

KOHLER-Lombardini KDW 1003 KOHLER-Lombardini KDW 1404 1028 1372 24,5 25 liquid diesel 40

electric

LONCIN LC2V90FD

KOHLER Command PRO EFI ECH980

999 999

32,6

Engine model Engine cubic capacity [cm³]

Engine cubic capacity [cm³]

Power of engine [hp]

Fuel tank capacity [I]

Type of cooling

Type of fuel

Start-up

Power of engine [hp]

38Type of coolingairType of fuelpetrolFuel tank capacity [I]40Start-upelectric()* - dimension after the loading table is unfolded, during operation.()** - weight depends on equipment.

Standard equipment:

- Spare wheel.
- Swivelled by 360° ejection tube with deflector.
- Electronic system of work control with hour meter.