

Shredder AK 510 K BioPower



Applications

The grinders of the Doppstadt AK series process green waste, yard waste, biowaste, pre-shredded logs and roots, waste wood and wooden pallets. For special applications, the AK grinders can be combined with other Doppstadt products, such as shredders or screening machines.

Advantages

- continuous grinding by means of load-sensing material in-feed
- resistant against contaminants thanks to free-swinging flails
- free-swinging flails of the flail drum (gyrating mass appr. 2,5 t (5,512 lb), easily and individual replaceable flail tips that can be adjusted to the materials to be grinded (e.g. hard metal, armoured tips)
- easy one-man operation (remote control* of all main functions), the machine can be moved easy via tracklaying chassis, * option
- replaceable grinding basket*, the mesh size (30 - 400 mm / 1.2 - 15.75") determines the material grain size, * option

Dimensions

Chassis	Steel-tracks
Total weight (kg)	29000
Length (mm)	13590
Width (mm)	3000
Height (mm)	4570
Transport width (mm)	3000
Transport height (mm)	3390
Transport length (mm)	8680

Drive

Engine type	diesel engine
Make	Mercedes Benz OM 460 LA.E3A
Exhaust level	EUROMOT III A
Motor power (kW / PS)	375 / 510
Fuel tank (l)	600
Torque (Nm)	2150 Nm bei 1300 rpm

Discharge conveyor

Width (mm)	1500
Length (mm)	7000
Belt speed (m/s)	1,6

Flail drum

Width (mm)	1750
Diameter (mm)	1120
Speed (min-1)	850 -1000 rpm (depending on engine speed)
Number of Flail teeth	36

