

# SHREDDER AK 310 ECOPOWER



## Applications

The universal 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.

### DIMENSIONS

Chassis	2-axle-trailer
Total weight (kg)	16000
Length (mm)	12890
Width (mm)	2150
Height (mm)	3550
Transport width (mm)	2150
Transport height (mm)	3080
Transport length (mm)	9240

### DRIVE

Engine type	Diesel engine
Make	MTU 6R 1000
Exhaust level	EUROMOT IV / Tier IV final
Motor power (kW / PS)	230 / 310
Fuel tank (l)	300
Torque (Nm)	1250 Nm at 1200-1600 rpm

Engine type 2	MTU 6R 1000
Exhaust level	EUROMOT III A
Motor power (kW / PS)	230 / 310
Torque (Nm)	1250 Nm at 1200-1600 rpm

### DISCHARGE CONVEYOR

Width (mm)	1500
Length (mm)	6190* (*option)
Belt speed (m/s)	2
Height (mm)	3550

### FLAIL DRUM

Width (mm)	1470
Diameter (mm)	900
Speed (min-1)	1140 - 1320 rpm (dep. on engine speed)
Number of Flail teeth	16/28

### INFEED HOPPER

Loading width (mm)	2730
Loading height (mm)	2080



## Advantages

- Compact construction, contaminant-resistant
- Ideal for smaller facilities
- free-swinging flails of the flail drum (gyrating mass appr. 1,3 t (2,866 lb) are provided with easily individual replaceable flail tips that can be adjusted to the materials to be grinded (e.g. hard metal, armoured tips)
- Quickly replaceable tools, Easy maintenance, One-man operation
- Quick refitting for other materials
- continuous grinding by means of load-sensing material in-feed
- Discharge conveyor with length of 6 m\* (\*option)
- replaceable grinding basket\*, the mesh size (30 – 320 mm / 1.2 – 12.6") determines the material grain size, (\*option)