

Shredder AK 635 K 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.

Advantages

- Easy one-man operation (remote control of all main functions), the machine can be moved easy via tracklaying chassis, high off-road mobility
- continuous grinding with maximum performance by means of load sensing material in-feed
- contaminant resistant thanks to free-swinging flails
- large protection doors on either side and centralized lubrication points for easy maintenance and short set-up time
- 8 m long rear discharge conveyor belt with 5 m drop height by default – and an anti-magnetic centerpiece included in rear discharge conveyor belt
- separate power unit for feeder
- free-swinging flails of the flail drum (gyrating mass appr. 2,5 t (5,512 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)
- 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) | 32500 |
| Length (mm) | 15910 |
| Width (mm) | 3000 |
| Height (mm) | 5150 |
| Transport width (mm) | 3000 |
| Transport height (mm) | 3390 |
| Transport length (mm) | 10170 |

Drive

| | |
|-----------------------|----------------------------|
| Engine type | diesel engine |
| Make | MTU 6R 1500 |
| Exhaust level | EUROMOT IV / Tier IV final |
| Motor power (kW / PS) | 460 / 625 |
| Fuel tank (l) | 750 |
| Torque (Nm) | 2900 Nm at 1300 rpm |

| | |
|-----------------------|---------------------|
| Engine type 2 | diesel engine |
| Make | MTU 6R 1500 |
| Exhaust level | EUROMOT III A |
| Motor power (kW / PS) | 460 / |
| Fuel tank (l) | 750 |
| Torque (Nm) | 2900 Nm at 1300 rpm |

Discharge conveyor

| | |
|------------------|------|
| Width (mm) | 1500 |
| Length (mm) | 8000 |
| Belt speed (m/s) | 2 |

Flail drum

| | |
|-----------------------|--|
| Width (mm) | 1750 |
| Diameter (mm) | 1120 |
| Speed (min-1) | 970 - 1140 rpm (depending on engine speed) |
| Number of Flail teeth | 36 |