Shredder AK 440 VE

Applications

The stationary grinder AK 440 VE can be used to grind biowaste and green waste in composting plants, for different qualities of wood in waste wood processing plants, in biomass processing plants and for various grinding tasks in the field of recycling.

Advantages

- Main drive, scraper floor and feed-in drum are precisely coordinated and controlled by frequency converter thus ensuring an optimal utilization of the machine and a continuous material infeed by direct, electric load-sensing of the drive units.
- Flail rows topologically overlap for a better shredding result
- Free swinging flails, retracting in case of contaminants
- Quick-changing system for the baskets
- Optimized safety system with sensor-less standstill monitoring
- Easy transport, because the machine is delivered ready assembled with base frame and discharge conveyor in one.
- Quick mounting and commissioning thanks to BUS control. Therefore reduction of the required cable routing.

Dimensions

Chassis	Static
Total weight (kg)	Approx. 22000
Length (mm)	7883
Width (mm)	2626
Height (mm)	3832
Transport width (mm)	2626
Transport height (mm)	2932
Transport length (mm)	7883

Drive

Engine type	AC-motor frequency driven
Make	ABB
Motor power (kW / PS)	250 / 340
Installed power (kW)	270
Torque (Nm)	2000
Energy efficiency	IE2

Discharge conveyor

Length (mm)	6000
Width (mm)	1600
Belt speed (m/s)	0,5
Loading height (mm)	3.046 using a 900 mm steel monting frame work

Flail drum

Width (mm)	1750
Diameter (mm)	1120
Speed (min-1)	1000
Number of Flail teeth	36

Werner Doppstadt Umwelttechnik GmbH & Co. KG
Steinbrink 13 | D-42555 Velbert | Deutschland | T: +49 (0)2052 8890

Subject to technical changes - Specifications may be deviate