

SHREDDER AK 540 VE



DIMENSIONS

Chassis	Static
Total weight (kg)	Approx. 22700
Length (mm)	7883
Width (mm)	263
Height (mm)	3052 including 1090 mm subframe

DRIVE

Engine type	AC-motor frequency driven
Marke	ABB
Motor power (kW / PS)	315 / 428
Installed power (kW)	330
Torque (Nm)	2021
Energy efficiency	IE2

DISCHARGE CONVEYOR

Length (mm)	6000
Width (mm)	1600
Belt speed (m/s)	0,5

FLAIL DRUM

Width (mm)	1770
Diameter (mm)	1100
Speed (min-1)	1040
Number of Flail teeth	36

INFEED HOPPER

Loading width (mm)	2650
Loading height (mm)	2280 including 1090 mm subframe
Infeed height (mm)	538

Applications

The stationary grinder AK 540 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 heavy RDF processing.



Advantages

- Main drive, scraper floor and feeding drum are precisely coordinated and controlled by frequency converters thus ensuring an optimal utilization of the machine and a continuous material infeed by direct load-sensing of the drive.
- Flail rows overlap for a better shredding result
- Free swinging flails can avoid contaminants
- Quick-changing system for the baskets
- Optimized safety system with sensor-less standstill monitoring
- Discharge conveyor comes as part of the base frame.
- Quick installation and commissioning thanks to BUS control with less cable length