

# SHREDDER AK 640 SA



## DIMENSIONS

Chassis	Semi-trailer
Total weight (kg)	32000
Length (mm)	17380
Width (mm)	2530
Height (mm)	5350
Transport width (mm)	2530
Transport height (mm)	3650
Transport length (mm)	11990

## DRIVE

Engine type	diesel engine
Marke	MTU 6R 1500
Exhaust level	Stufe V
Motor power (kW / PS)	480 / 652
Fuel tank (l)	900
Torque (Nm)	3100 Nm at 1300 rpm

Engine type 2	MTU 6R 1500
Exhaust level	Euromot III A
Motor power (kW / PS)	460 / 625
Torque (Nm)	2900 Nm at 1300 rpm

## DISCHARGE CONVEYOR

Width (mm)	1500
Length (mm)	7500
Belt speed (m/s)	2
Height (mm)	5350

## FLAIL DRUM

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

## INFEED HOPPER

Loading width (mm)	5720
Loading height (mm)	2420

## Applications

The broadly applicable grinders of the AK series process green waste, garden and park 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 pre-shredders and screening machines.



## Advantages

- Continuous grinding with maximum performance by means of load sensing material in-feed, contaminant resistant thanks to free-swinging flails
- Latest engine and exhaust reduction technology, fully compliant with stage V exhaust regulations
- Exhaust system completely made of stainless steel
- 6 m feeding hopper
- Standard lowerable rear discharge conveyor (7.5 m in length, drop height > 5 m) for minimum set-up time and perfect maintenance friendliness and accessibility to flail drum, tools and rear basket
- Separate power unit for feeder and free-movingly mounted infeed drum for perfect material intake and high through-put
- 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 or armoured tips)
- Special baskets\* using 3D technology for the processing of waste wood, improving the structural quality of the final product. (\*option)