

SHREDDER AK 640 K



DIMENSIONS

Chassis	Steel-tracks
Total weight (kg)	32500
Length (mm)	15910
Width (mm)	3000
Height (mm)	5090 / 5290 (with off-road chassis)
Transport width (mm)	3000
Transport height (mm)	3390 / 3590 (with off-road chassis)
Transport length (mm)	10020

DRIVE

Engine type	diesel engine
Marke	MTU 6R 1500
Exhaust level	Stage V / EPA Tier 4f
Motor power (kW / PS)	480 / 652
Fuel tank (l)	750
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)	5090

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)	3500
Loading height (mm)	2220 / 2420 (with off-road chassis)
Infeed height (mm)	538

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

- Easy one-man operation (remote control of all main functions), the machine can be moved easy via tracklaying chassis, high off-road mobility (* optional with 200 mm higher off-road chassis)
- 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
- 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)