

SHREDDER INVENTHOR 9



DIMENSIONS

Chassis	Semi-trailer
Total weight (kg)	32000 (Option SA) / 35000 (Option K)
Length (mm)	16786
Width (mm)	2500 (SA) / 3000 (K)
Height (mm)	5050 (SA) / 4890 (K)
Transport width (mm)	2500 (SA) / 3000 (K)
Transport height (mm)	3893 (SA) / 3685 (K)
Transport length (mm)	9971 (SA) / 9813 (K)

DRIVE

Engine type	diesel engine
Marke	MTU 6R 1300
Exhaust level	Stage V
Motor power (kW / PS)	390 / 530
Fuel tank (l)	950
Engine type 2	diesel engine
Marke	MTU 6R 1300
Exhaust level	EUROMOT III A
Motor power (kW / PS)	390 / 530

DISCHARGE CONVEYOR

Width (mm)	1200
Length (mm)	8500
Belt speed (m/s)	2,0
Height (mm)	5050 (SA) / 4890 (K)

INFED HOPPER

Loading height (mm)	3307 (Option SA) / 3095 (Option K)
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ROLLER

Number of rollers	1
Roller Length (mm)	3.000
Roller Diameter (mm)	600 / 800
Roller Speed (min-1)	-5 to 32
Number of roller teeth	M (100), L (21 / 42) or XL (28)

Applications

The Inventhor 9 is suitable for a great variety of materials such as waste wood, logs, roots, green waste, bio-waste, domestic waste, bulky waste, commercial waste, mixed construction waste, tyres, railway sleepers and many more. For special shredding requirements, the Doppstadt pre-shredder machines can be combined with other systems, e.g. fine grinders or drum screen machines.



Advantages

- New drive concept includes direct, continuous power transmission based on patented „Vario DirectDrive“ system
- The Vario DirectDrive eliminates motor load when the drum is inactive and provides the required breakaway torque even from standstill. It also enables the machine to free itself from wrap-arounds without having to stop it.
- Flexible grinding concept based on various grinding packages (sizes M, L, XL) consisting of drum/teeth + tooth strip + Limiter, allowing for exact adaption to the respective material requirements.
- New door and chassis concept with large comb flap for easy access to the entire grinding area.
- Plug & Play: After folding out the conveyors into the working position, the machine can be put into operation by pressing a single button.
- Outstanding monitoring concept for the entire shredding process
- Reduced noise emissions
- Two chassis options available, semi-trailer or track-mounted, and various rear conveyor lengths (7 m / 8.5 m) to realize maximum angles of repose