

# SHREDDER INVENTHOR TYPE 9



## DIMENSIONS

Chassis	Semi-trailer
Total weight (kg)	32000 (Option SA) / 35000 (Option K)
Length (mm)	16787
Width (mm)	2500 (SA) / 3000 (K)
Height (mm)	5050 (SA) / 4890 (K)
Transport width (mm)	2500 (SA) / 3000 (K)
Transport height (mm)	3893 (SA) / 3863 (K)
Transport length (mm)	9971 (SA) / 9814 (K)

## DRIVE

Engine type	diesel engine
Make	MTU 6R 1300
Exhaust level	EUROMOT IV / Tier IV final
Motor power (kW / PS)	390 / 530
Fuel tank (l)	950
Engine type 2	diesel engine
Make	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)

## INFEED 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	Size S (145), M (125), L (42) or XL (28)

## Applications

The INVENTHOR Typ 9 is suitable for a great variety of materials such as old growth, stem wood, root wood, green waste, bio waste, domestic waste, bulky waste, commercial waste, mixed construction waste, tyres, railroad ties and many more. For special grinding requirements, the Doppstadt coarse grinding machines can be combined with other systems, e.g. fine shredders or drum screen machines.



## Advantages

- New drive concept including 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 rid itself from wrap-arounds without having to stop it.
- Flexible grinding concept based on various grinding packages (sizes S, 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 button.
- Outstanding monitoring concept for the entire grinding process
- Reduced noise emissions
- Two chassis options available, semi-trailer or track-mounted, and various rear conveyor lengths, 7, 8.5, or 12 m (rigid), to realize maximum angles of repose