SHREDDER INVENTHOR TYPE 6



Applications

The pre-shredder Inventhor Type 6 processes waste wood, logs, roots, green waste, bio-waste, commercial- and industrial waste, MSW, construction- and demolition waste, tyres, railway sleepers and many more. For particular applications, this Doppstadt pre-shredder can be optimally combined with other Doppstadt products, resulting in a complete processing solution – e.g. with the Selector 800 and its rugged SWS 800 spiral shaft screening deck.

DIMENSIONS	
Chassis	Semi-trailer
Total weight (kg)	25000 (depending on the equipment)
Length (mm)	12960 (A) / 11490 (SA+K)
Width (mm)	2540 (A+SA) / 2700 (K)
Height (mm)	3390 (A+SA) / 3130 (K)
Transport width (mm)	2540 (A+SA) / 2700 (K)
Transport height (mm)	3610 (A+SA) / 3360 (K)
Transport length (mm)	9140 (A) / 7670 (SA+K)
DRIVE	
Engine type	diesel engine
Marke	CAT C9.3B
Exhaust level	Stage V / Tier IVf / EUROMOT IIIA
Motor power (kW / PS)	310 / 421
Fuel tank (l)	500
Engine type 2	diesel engine
Marke	MTU 6R1000 Daimler OM 936
Exhaust level	Stage V
Motor power (kW / PS)	260 / 354
DISCHARGE CONVEYOR	
Width (mm)	1000
Length (mm)	4900 / Option 7000
Belt speed (m/s)	1,3 - 2,9
Height (mm)	3170(A+SA) 2920(K) / 4220(A+SA) 3970(K)
INFEED HOPPER	
Loading height (mm)	3390 (Option A+SA) / 3130 (Option K)
SHAFT	
Number of shafts	1
Shaft Length (mm)	2.200
Shaft Diameter (mm)	600 / 800
Shaft Speed (min-1)	-2 to 28
Number of shaft teeth	Size M (72), L (30/20), S, XL (on request)



Advantages

- variable, continuous power transmission thanks to our patented VarioDirect Drive concept
- high level of flexibility and quick retrofitting thanks to our patented Dopp-Lock® system with bolted tools
- moderate operating costs, high machine uptime
- outstanding capacity even with demanding applications and maximum throughput rates, optionally available engine types (CAT / MTU) for different performance requirements
- excellent monitoring concept for shredding process
- quick uptime after maintenance and improved on-the-job safety during maintenance
- lower specific fuel consumption and reduced noise emissions
- optionally available as a wheeled semi-trailer (SA), with trailer chassis (A) or track-mounted chassis (K) with different discharge conveyor lengths (4.9 and 7 m)