

SHREDDER INVENTHOR 6.2



Applications

The pre-shredder Inventhor 6.2 processes waste wood, logs, roots, green waste, biowaste, 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 800.2 and its rugged SWS spiral shaft screening deck.

DIMENSIONS

Chassis	3-axle trailer (T) / Semi trailer (SA) / Tracks (K)
Weight	25000 (T) / 27000 (SA) / 27500 (K) depending on the equipment
Length	12947 (T) / 11516 (SA+K)
Width	2540 (T+SA) / 2500 (K)
Height	3650 (T+SA) / 3967 (K)
Transport length	9068 (T) / 7636 (SA+K)
Transport width	2540 (T+SA) / 2500 (K)
Transport height	3650 (T+SA) / 3378 (K)

DRIVE

Drive	diesel engine	diesel engine	electric motor
Motor type	INVENTHOR 6.2 Plus: CAT C9.3B	INVENTHOR 6.2: MTU 6R1000	INVENTHOR 6.2 (SA+K)
Power (kW / hp)	310 / 421	260 / 354	315 / 428
Exhaust level / Energy-efficiency class	Stage V or EIIIA	Stage V	IE3
Fuel tank (l)	425	425	

DISCHARGE CONVEYOR REAR

width (mm)	1000
length (mm)	4900 / Option 7000
height (mm)	3159 (T+SA) 2887 (K) / 4209 (T+SA) 3937 (K)
belt speed (m/s)	1,25 - 3,0

INFEEED HOPPER

Loading height (mm)	3194 (T+SA) 2922 (K) / with hopper extension: 3650 (T+SA) / 3378 (K)
Einfüllbreite (mm)	3374 (T+SA+K)

ROLLER

Number of rollers	1
Length (mm)	2.200
Diameter	600 / 800
Speed	-2 to 30
Number of Rollerteeth	Size M (72), L (20 / with CAT 30), L-Green waste (27)



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
- operator-friendly loading with wheel loader or excavator possible as well as removable hopper extensions for a lower loading height
- outstanding capacity even with demanding applications and maximum throughput rates
- excellent monitoring concept for shredding process
- moderate operating costs, high machine uptime, quick uptime after maintenance and improved on-the-job safety during maintenance
- lower specific fuel consumption and reduced noise emissions, optionally available engine types (CAT / MTU) for different performance requirements
- optionally available as a wheeled semi-trailer (SA), with trailer chassis (T) or track-mounted chassis (K) with different discharge conveyor lengths (4.9 and 7 m)