

DRUM SCREEN SM 720.2 SA



Applications

Like all Doppstadt SM machines the SM 720.2 SA happily accepts waste and raw materials of all types for screening. It is equally suitable for compost, earths, light construction waste, wood, biomass, sand, and gravel.



DIMENSIONS		
Total weight	24,000 kg	
Chassis	Semi-trailer	
ENGINE		
Engine type	Diesel hydraulic	
Manufacturer	DEUTZ TCD 3.6 L4 (Option: electric motor)	
Power	85 kW (116 HP) at 1,800 rpm	
Max. torque	480 Nm at 1,600 rpm	
Emissions standard	Stage V / Tier 4f	
Tank capacity	400 l	
SCREENING DRUM		
	2 material fractions, Options: 3rd fraction using rock screen or vibrating screen, 4th fraction using rear belt air separator, 5th fraction magnetic rollers	
Drum length (mm)	7,100	
Drum diameter (mm)	2,000	
Mesh size	selectable, 3 - 150 mm	
Mesh type	selectable (square perforation, diamond alternating squares, round perforation, honeycomb)	
Material thickness	selectable	
Drum speed	0 - 24 rpm	
Screening area	38.8 m ²	
FEED HOPPER		
Feeding hopper volume	7 m ³	
Feed hopper W / H (mm)	4,750 / 2,900	
DISCHARGE CONVEYOR		
Length (*optional) (mm)	Rear belt 5,500 (3,000 *)	Side belt 5,500
Width (mm)	1,000	1,000
Belt speed	1.6 m/s	3.1 m/s

Advantages

- Maximum throughput capacity at high- quality screening results due to extra large screening area
- Unique load sensing feeder control makes sure that the capacity of the machine is used at the optimum in safe operation without interruption.
- Large size feeding hopper and extra long output conveyors allow feeding of the machine with large front loaders.
- Low operation costs due to powerful drive at low fuel consumption.
- No limitation for road transport, short set-up time.