

DRUM SCREEN SM 620.2



Applications

As a universal screening machine, the SM 620.2 shows its prowess and toughness, while getting the most out of every recycling process by leveraging its large capacity. At the same time, it excels with economical fuel consumption and low operating costs.

DIMENSIONS		
Total weight	19,000 kg	
Chassis	2-axle central axle trailer chassis for 80 km/h, as per StVZO (Road Traffic Licensing Regulations), with ABS brake system	
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	300 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)	5,500	
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 - 21 rpm	
Screening area	30.2 m ²	
FEED HOPPER		
Feeding hopper volume	5 m ³	
Feed hopper W / H (mm)	3,750 / 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

- Quick-release system for the screen insert, can be operated with a drum or a 6 m² star screen insert
- Large 5 m³ feed hopper with a low loading edge of 2.8 m
- Proportionally controlled load sensing control for optimum screening results
- Additional hydraulic connections for using numerous optional equipment
- Efficient diesel consumption, low operating costs, high throughput