

Drum Screen SM 518 Plus



Applications

Like all Doppstadt SM machines the SM 518 Plus 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.

Advantages

- Fast changing system for the screening unit, trommel or star screen insert available
- Large 5 m³ feeding hopper with just 2,8 m loading height
- 5,5 m long output conveyors with 3,5 m drop-off height
- Electronic load sensing control for perfect screening at optimized throughput
- Compact transport dimensions for excellent mobility

Dimensions

Chassis	2-axle-trailer
Total weight (kg)	17000
Length (mm)	15000
Width (mm)	7000
Height (mm)	3800
Transport width (mm)	2550
Transport height (mm)	4000
Transport length (mm)	11000

Drive

Engine type	diesel hydraulic
Make	DEUTZ TCD 2.9 L4
Exhaust level	EUROMOT III B / Tier 4f
Motor power (kW / PS)	55 / 75
Fuel tank (l)	300
Torque (Nm)	max. 300

Discharge conveyor

Width (mm)	800
Length (mm)	5500
Belt speed (m/s)	1,1

Discharge conveyor side

Width (mm)	800
Length (mm)	5500
Belt speed (m/s)	2,3
Height (mm)	up to 3500

Screen drum

Diameter (mm)	1800
Length (mm)	4700
Mesh size (mm)	8 - 100
Mesh type	square or round
Drum wall thickness (mm)	6 bis 10
Drum speed (min-1)	0-21
Screening area (m ²)	22,5

Infeed hopper

Loading volume (m ³)	5,0
Loading width (mm)	3750

