

Drum Screen SM 414



Applications

Like all DOPPSTADT SM machines the SM 414 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

- Feeding hopper with just 2,6 m load height and 3 m³ holding capacity
- Low operational costs
- Compact dimensions for flexible operation and easy road transportation
- Hydraulic load sensing control for maximum throughput
- No tools needed for trommel changing

Dimensions

Chassis	2-axle-trailer
Total weight (kg)	10500
Length (mm)	12500 / 14500
Width (mm)	5000 / 6500
Height (mm)	3300
Transport width (mm)	2300
Transport height (mm)	3750
Transport length (mm)	10500

Drive

Engine type	diesel-hydraulic
Make	Caterpillar C 2.2
Exhaust level	EUROMOT IIIA
Motor power (kW / PS)	30 / 41
Fuel tank (l)	100
Torque (Nm)	143

Discharge conveyor rear

Width (mm)	800
Length (mm)	3000
Belt speed (m/s)	0,9

Discharge conveyor side

Width (mm)	600
Length (mm)	3000
Belt speed (m/s)	2,9
Height (mm)	1750

Screen drum

Diameter (mm)	1400
Length (mm)	4200
Mesh size (mm)	8 bis 100
Mesh type	square or round
Drum wall thickness (mm)	6 bis 10
Drum speed (min-1)	0-21
Screening area (m ²)	15,9

Infeed hopper

Loading volume (m ³)	ca. 3
Loading width (mm)	3250

