

Drum Screen SM 720 Profi



Applications

Like all Doppstadt SM machines the SM 720 Profi 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

- More than 7 meter drum length - maximum throughput capacity and high-quality screening results
- Powerful but economical diesel engine, fuel consumption 9 to 12 l/h only, Euromot IIIb / Tier 4 interim, exhaust cleaning via DOC only
- Electronic load sensing control for safe machine operation and maximum use of screening capacity

Dimensions

Chassis	Semi-trailer
Total weight (kg)	24000
Length (mm)	15500
Width (mm)	6400
Height (mm)	4000
Transport width (mm)	2550
Transport height (mm)	4000
Transport length (mm)	12300

Drive

Engine type	diesel engine
Make	Deutz TCD 3.6 L4
Exhaust level	EUROMOT III B/ Tier 4i
Motor power (kW / PS)	85 kW (max. 90 kW @ 2000 rpm) / 116 (max. 122)
Fuel tank (l)	300
Torque (Nm)	max. 480 bei 1600 rpm

Discharge conveyor rear

Width (mm)	1000
Length (mm)	5000
Belt speed (m/s)	1,1

Discharge conveyor side

Width (mm)	1000
Length (mm)	5000
Belt speed (m/s)	2,8
Height (mm)	3100

Screen drum

Diameter (mm)	2000
Length (mm)	7100
Mesh size (mm)	8 bis 100
Mesh type	square or round
Drum wall thickness (mm)	6 bis 10
Drum speed (min-1)	0-20
Screening area (m ²)	38,8

Infeed hopper

Loading volume (m ³)	ca. 5
Loading width (mm)	3750

