

## Drum Screen BASIC 518



### Applications

Like all Doppstadt SM machines the BASIC 518 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

- Quick-change system for screen drum, its modular construction allows for the use of the reliable screen drums as applied in the other SM 518 screen solutions.
- Large 4 m<sup>3</sup> feed hopper, only 2.8 m loading height
- Exchangeable rear conveyor for right- or left-sided material discharge
- Center-based operational concept for easy handling: sparse electrical and manual set-up options for speed of conveyor belt, conveyor base and screen drum
- Comfortable, service-friendly access to machine components
- Diesel or electrohydraulic drive option available
- 1-axle-based yard chassis for unrestricted mobility, even under challenging surrounding conditions
- No-limits flexibility: transport on flatbed truck or in in a standard 40"-High-Cube maritime container

### Dimensions

Chassis	1-axle yard chassis
Total weight (kg)	12000
Length (mm)	12300
Width (mm)	4485
Height (mm)	3300
Transport width (mm)	2321
Transport height (mm)	2664
Transport length (mm)	11805

### Drive

Engine type	diesel hydraulic
Make	CAT C 2.2 Powerpack
Exhaust level	EUROMOT III A / Tier 4i
Motor power (kW / PS)	36,3 / 49,4
Fuel tank (l)	150
Torque (Nm)	140 Nm at 1800 rpm

Engine type 2	electric-hydraulic
Make	VEM
Motor power (kW / PS)	22 / 30
Torque (Nm)	70 Nm at 2975 rpm
Energy efficiency	IE3

### Discharge conveyor

Width (mm)	1200
Length (mm)	10000 (Total length incl. lower band)
Belt speed (m/s)	1,5

### Discharge conveyor side

Width (mm)	800
Length (mm)	4000
Belt speed (m/s)	1,2
Height (mm)	2015

### 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 <sup>2</sup> )	22,5

### Infeed hopper

Loading volume (m <sup>3</sup> )	4,0
Loading width (mm)	3490

