

## DRUM SCREEN 518 FLEX



## Applications

As a compact screening machine with a modular design, the 518 FLEX offers everything that is essential in terms of performance and efficiency for achieving top results – and that at an impressive price/performance ratio.



## Advantages

- Quick-release system for changing screening drums: the modular design allows for changing and using the proven drums that are implemented in the SM 518 series within a few minutes
- Large 4 m<sup>3</sup> feed hopper with a loading height of only 2.8 m
- Changeable rear belt for discharging material to the right or left
- Centrally arranged operating concept for maximum ease of operation: few electrical components and manual adjustment of speed of hopper belt, conveyor belt and drum
- Optimum and easy access to components for servicing
- Two drive options available: diesel or electrohydraulic
- Modular design enables both a stationary use on support legs or unrestricted mobility on site with the aid of the single-axle chassis –even in areas with challenging terrain

### 518 FLEX

Total weight	12,000 kg	
Chassis	1-axle chassis or Stationary	
Drive unit	diesel-hydraulic	electric-hydraulic
Type	CAT C 2.2 Powerpack	ABB three-phase motor
Power	36.3 kW at 2.800 rpm	30 kW at 2.950 rpm
Torque	140 Nm at 1,800 rpm	96,9 Nm at 2.957 U/min
Exhaust standard/energy efficiency grade	E3A	IE3
Fuel tank / Electrical connection	150 liters	63 A
Screen drum	2 material fractions (option for 3rd fraction using stone grid)	
Screen drum: diameter	1,800 mm	
Screen drum: length	4,700 mm	
Screening area	22.5 m <sup>2</sup>	
Mesh size	selectable, 3 - 130 mm	
Mesh type	selectable (square perforation, alternating squares, round perforation, comb)	
Drum wall thickness	selectable	
Drum speed	0 – 21 rpm	
Feed hopper: loading height	2,850 mm	
Feed hopper: width	3,490 mm	
Feed hopper: length	1,840 mm	
Hopper volume (marking gauge)	4.0 m <sup>3</sup>	
Fines discharge conveyor	width	1,200 mm
Fines discharge conveyor (lower belt)	length	10,000 mm
Oversized particle discharge conveyor (left/right)	width	800 mm
Oversized particle discharge conveyor (left/right)	length	4,000 mm
Oversized particle discharge conveyor (longitudinal direction)	width	1,000 mm
Oversized particle discharge conveyor (longitudinal direction)	length	4,000 mm