

Lokotrack® ST2.8™

Mobile scalping screen



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Lokotrack ST2.8 makes the scalping of sticky recycling material look easy. The design principle has been simple: to optimize capacity in demanding scalping and to minimize unprofitable time on site.

The stickier the feed material the more throw needed in the scalping screen. Lokotrack ST2.8 has the biggest eccentric throw on the market to make it the best unit for the screening of top soil, demolition waste and river gravel. Additionally, ST2.8 can be fine tuned even for sand applications. The clearance under the screen has been increased by 20% and the bottom deck area is larger compared with ST272™.

In multi-stage crushing processes, the removal of fines is easy with a two-way split option. This feature combines material flow from the first and second deck to the main conveyor and maximizes the capacity and efficiency of the crushing process. Belt feeder and chevron

belts are standard features of Lokotrack ST2.8. In addition, apron feeder, hopper extension and magnetic separator can be selected to meet specific requirements.

Lokotrack ST2.8 is ready for screening in minutes thanks to hydraulically operated conveyors and screen including a patent pending feeder mechanism. Lokotrack ST2.8 is 25% lighter than similar machines. Because the weight is lower, transportation is easier.

The fuel-efficient scalping process can be started with safe push buttons or by the optional Metso IC300™ process control system. IC300 includes features such as automatic feeder speed control and interlocking capability with Lokotrack crushing plants.





Push button control or optional Metso IC300™ process control ensures easy and safe operation.



Large space between screen and fines conveyor makes maintenance easy.



Two-way split feature combines material flow from the top and bottom deck to the main conveyor.



Lokotrack ST2.8 is 25% lighter to transport.



Technical specifications

Screen

Size	1 524 x 4 866 mm	5' x 16'
Area	7,4 m ²	8.9 yd ²
Screen angle	10 – 17°	10 – 17°

Hopper

Volume	4,5 m ³ (11 m ³)	5.9 yd ³ (14 yd ³)
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Engine

Model	CAT® C4.4	CAT® C4.4
Power	75 kW	100 hp
Fuel tank	273 l	71 gal

Transportation dimensions

Length	15 400 mm	50' 7"
Width	3 000 mm	9' 10"
Height	3 560 mm	11' 6"
Weight	26 000 kg	57 300 lbs

Options

Various grizzly options, various screening media, belt/apron feeder, light mast, radio remote control, hopper extensions, hot/cold/polar climate kits, heavy duty air filter, overband magnetic separator, magnetic drums on side conveyor, feeder stop, interlocking cable, two way split, IC300 process control, Bi-Power

The Metso Way – Making the big difference to our customers

Everything we do is based on deep industry knowledge and expertise that makes the big difference to our customers. Decades of close customer collaboration and adapting to our customers' ever changing needs have transformed us into a knowledge company.



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