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

Push button control or optional Metso I.C.300™ process control ensures easy and safe operation.

Large space between screen and fines conveyor makes maintenance easy.

Lokotrack ST2.8 is 25% lighter to transport.
Technical specifications

**Screen**
- Size: 1,344 x 4,166 mm  /  5' x 16'
- Area: 7.4 m²  /  8.9 yd²
- Screen angle: 10 – 17˚  /  10 – 17˚

**Hopper**
- Volume: 4.5 m³ (11 m³)  /  5.9 yd³ (14 yd³)

**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 filters, 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.