

## Metso's Mining and Construction crushing and screening equipment

### Product families:

#### Crushers

- C series jaw crushers
- SUPERIOR® gyratory crushers
- GP series cone crushers
- HP series cone crushers
- MP series cone crushers
- NP series horizontal impact crushers
- Barmac series vertical impact crushers

#### Screens

- DF series screens
- CVB series screens
- FS series screens
- TS series screens
- MF series screens
- RF series screens

#### Feeders

- TK series feeders
- VF series feeders
- LH.G series feeders
- VG series feeders
- PF series feeders
- HRBM series feeders

#### Mobile crushing and screening plants

- Lokotrack LT series track-mounted crushing plants
- Lokotrack ST series track-mounted screening plants
- Lokotrack CT and CW series track- and wheel-mounted conveyors
- Nordberg NW series wheel-mounted crushing and screening plants

#### Stationary crushing plants

- Complete plants for aggregates production
- Complete plants for recycling applications



All Metso Minerals Oy Tampere Works equipment is produced in accordance with a quality assurance system that complies with the ISO 9001 standard, as certified by Lloyd's Register Quality Assurance Limited.



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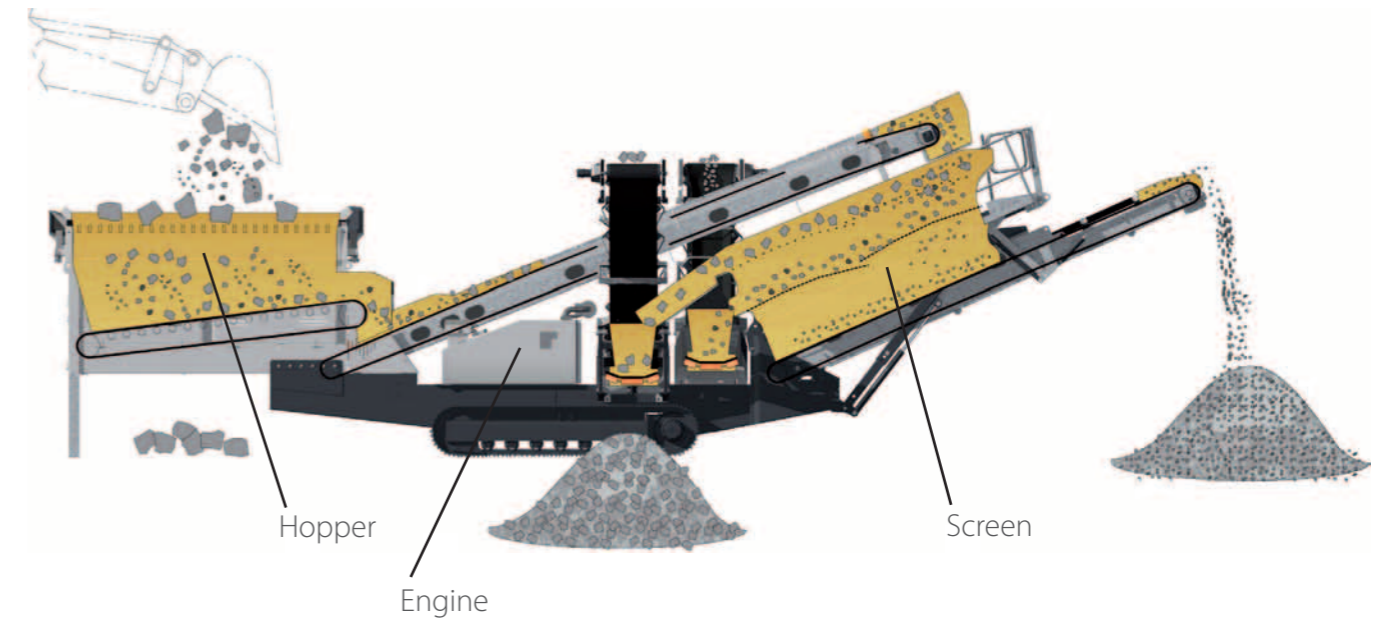
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# Lokotrack ST3.5 mobile screen Efficiency and reliability in screening



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The Lokotrack ST3.5 in a standalone set up, can easily be fed by either a loading shovel or excavator. In this mode the unit will produce 2-sized fractions or 3 with the addition of the optional vibrating grid. The product is equally well suited to process operations combining well with the Lokotrack mobile crushing units in either an open or closed circuit.

## High screening performance combined with good mobility

For over twenty-five years now, Metso has pioneered the development of mobile crushing and screening equipment. Today, Metso remains at the cutting edge of mobile crushing and screening technology.

The Lokotrack mobile screens are designed for high screening performance combined with good mobility. Their excellent capacity and easy adaptability to different crushing and screening processes guarantee suitability for a wide range of quarrying and contracting applications.

### A Product for all environments

The Lokotrack ST3.5 is the first of a new generation of mobile screens incorporating a new type of cooling system to the Metso unit enabling the unit to work at higher ambient temperatures than previous models. Another area of improvement is the repositioned air filter which is now protected by the engine canopy from the areas of potential high dust. The product also benefits from a more efficient hydraulic system than its predecessor leading to a significantly lower fuel consumption.

### Setting the industry standard

Lokotrack ST Series mobile screens today set the standard in product development and quality. The product range covers all screening applications from primary screening and accurate fine classification of aggregates to soil and recycled materials processing to one or multiple end products. The ST Series track-mounted mobile screens have heavy duty frames and proven components to give long

service life from a wide range of media to accurately create end product fractions in most demanding screening jobs.

The Lokotrack ST3.5 track-mounted mobile screening plant is designed for small to medium-sized contractors and aggregate producers. The unit provides efficient screening, multiple end products and high mobility.



Unit components		
<b>Screen</b>		
Number of decks	2	
Screen box size	3580 mm x 1500 mm	(11'7" x 5')
Screen area / top deck	5.3 m <sup>2</sup>	(6.3 yd <sup>2</sup> )
<b>Hopper &amp; Conveyors</b>		
Hopper capacity	5.5 m <sup>3</sup>	(7.2 yd <sup>3</sup> )
Loading height with grid	3290 mm	(10'9")
Conveyor discharge heights:		
Undersize conveyor	3860 mm	(12'6")
Product conveyors	3860 mm	(12'6")
<b>Engine</b>		
Engine manufacturer/model	Caterpillar C4.4	
Power	74.9 kW	(100 hp)
<b>Transport dimensions</b>		
Width	3000 mm	(9'6")
Height	3460 mm	(11'3")
Length	14350 mm	(47'1")
Weight	23230 kg	(51.100 lbs)

### Benefits

- High-capacity 3580 mm x 1500 mm (11'7" x 5') screen box
- Proven 2-bearing screen with adjustable screen angle
- Easy access to all service points
- Easy transportation due to patented conveyor folding mechanism

### Options

- Hydraulic tipping grid
- Radio remote control
- Side conveyor extensions
- Side walkways
- Main and undersize conveyor dust covers and sprinklers
- Light mast
- Block heater
- Off plant stacking conveyor connection
- LT/ST feedbox