



New

Lokotrack ST272 Mobile Screen





Lokotrack ST272 – the new heavy-duty design mobile screen

Metso Minerals, the world leader in rock and mineral processing, unveils the new Lokotrack ST272 track-mounted mobile screen. The ST272 provides the ideal solution for recycling, rock processing and waste screening applications, where high production capacity and efficient screening are required.

The unit is capable of producing three end products and, due to its heavy-duty design, accepts feed material of up to 600 mm (24").

High performance with excellent mobility

The solid construction added to intelligent design of the Lokotrack ST272 offers durability and extended lifetime in demanding, heavy-duty applications. The high performance scalping screen accepts a wide range of screen media options for excellent versatility and flexibility.

The new engine is designed to meet the latest global emission regulations. The higher rated power availability allows the engine to operate well within the recommended load parameters giving durability even in the most difficult applications.

The Lokotrack ST272 is mounted on heavy-duty 400 mm (16") wide hydraulically driven tracks, providing agile on-site mobility and low ground pressure. Optional remote control enables safe and easy relocation on-site.

All conveyors are hydraulically folded and remain on board for transport, minimizing costs. The unit's dimensions enable efficient co-operation with other Metso Minerals crushing and screening equipment. The entire process is optimized via IC automation.

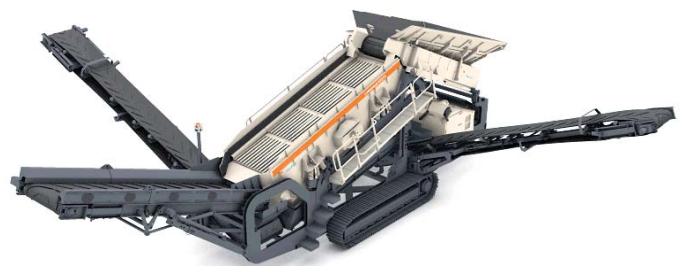
User-friendly IC300 technology

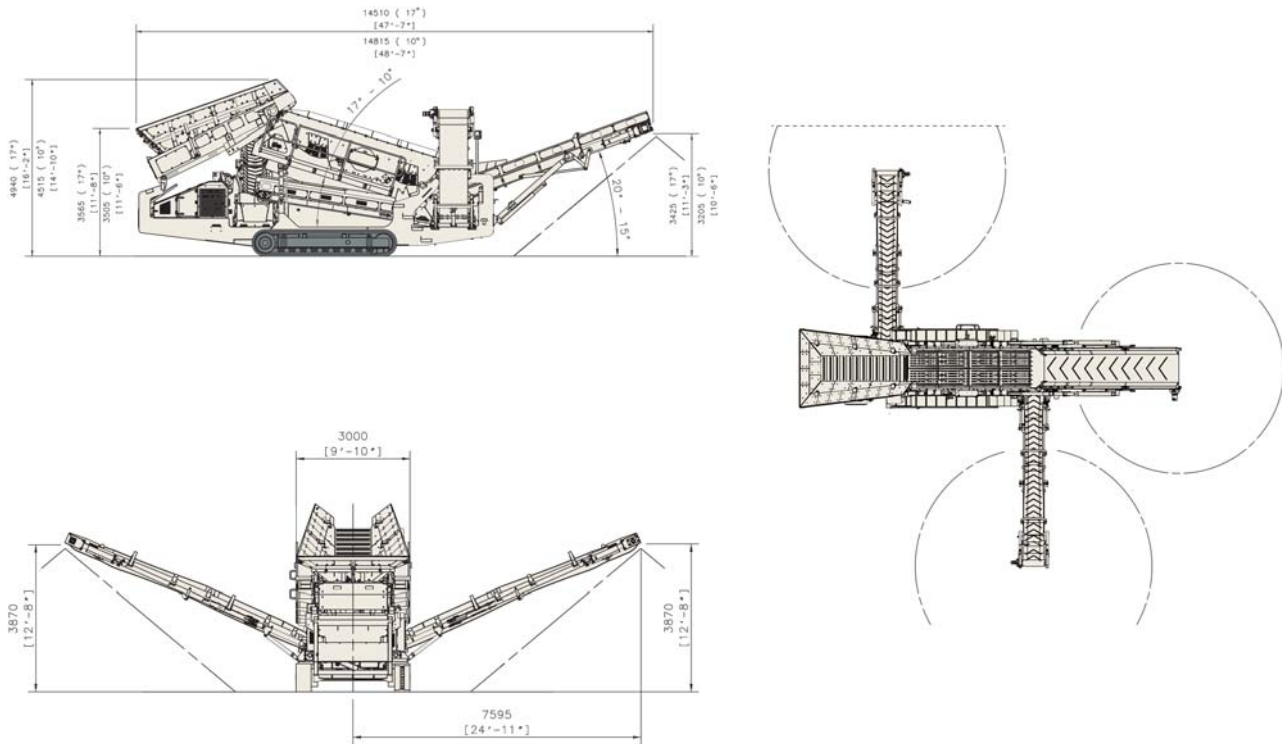
The IC300 intelligent controller offers fully automated control of all machine functions when in screening process mode. Its screen speed, amplitude and conveyor loads are constantly monitored and adjusted, maximizing production rates and end product quality.

A user-friendly interface with a new visual color display enables easy operation, with a one-button process sequence start, and advanced diagnostics for easy maintenance.

Lokotrack ST272 highlights

- ✓ Large two-deck, two-bearing screen with wide range of screening media
- ✓ Highly versatile unit applicable from primary crusher feed preparation to end product screening
- ✓ Ease of use and maximized production, thanks to intelligent automation system
- ✓ Unmatched reliability provides maximum machine availability





Technical data

Standard features

- Screen box
- Hydraulic folding hopper
- Apron feeder
- Heavy-duty tracks
- Hydraulic folding conveyors
- Maintenance platform
- Emergency stop system
- Variable speed feeder and conveyors
- Remote control of movement
- IC300 intelligent control with color display
- Powerpack 125 kW (170 HP)

Options

- Wide range of screening media
- Radio control of movement and process control
- LT-ST interlocking cable
- Special paint

Specifications

Hopper capacity	4.8 m ³	(6.3 yd ³)
Loading height	3 565 mm	(11' 8")
Loading width	3 000 mm	(9' 10")
Loading length	4 185 mm	(13' 9")
Screen width	1 524 mm	(5')
Screen length	4 866 mm	(16')
Screen area per deck	6.6 m ²	(7.9 yd ²)
Screen stroke	11 mm	(0.43")
Screen speed	850 rpm	
Screen angles working	10-17°	
Engine make/model	TCD 2013 L04 2V	
Engine power	125 kW	(170 HP)
Hydraulic tank capacity	431 l	(114 gal)
Diesel fuel capacity	273 l	(72 gal)
Operational length	14 510 mm	(47' 7")
Operational width	15 190 mm	(49' 10")
Operational height	4 940 mm	(16' 2")

Transport dimensions

Length	14 100 mm	(46' 3")
Width	3 000 mm	(9' 10")
Height	3 560 mm	(11' 8")
Weight	34 240 kg	(75 500 lbs)

Metso Minerals Crushing Equipment
Our ranges:

Unit Crushers

C Series jaw crushers
Primary gyratory crushers
GP Series cone crushers
HP Series cone crushers
MP Series cone crushers
NP Series horizontal impact crushers
VI Series vertical impact crushers
Barmac Series vertical impact crushers
Lindemann Series metal crushers
Nordberg laboratory crushers

Mobile Equipment

LT Series mobile crushing plants
NW Series portable plants

Complete Plants

Complete plants for aggregate production
Complete plants for recycling

**Metso Minerals
Construction**

Lokomonkatu 3, P.O. Box 306
33101 Tampere
Finland
Phone: +358 204 84 142
Fax: +358 204 84 143

e-mail: minerals.info.csr@metso.com
www.metsominerals.com

Australia and New Zealand

Metso Minerals (Australia) Ltd
1110 Hay Street
West Perth, WA 6005
Australia
Phone: +61 8 9420 5555
Fax: +61 8 9320 2500

China

Metso Minerals (Beijing) Ltd
19/F, The Exchange Beijing, Tower 4,
China Merchants Centre,
No. 118 Jian Guo Lu Yi Chaoyang District
100022 Beijing,
China
Phone: +86 10 6566 6600
Fax: +86 10 6566 2583

India and Asia-Pacific

Metso Minerals (India) Pvt Ltd
1st Floor, DLF Building No. 10,
Tower A, DLF Cybercity
DLF Phase II,
Gurgaon 122002
India
Phone +91 124 235 1541
Fax: +91 124 235 1601

Europe, Middle East and Africa

Metso Minerals España, S.A.
C/ Rivas N° 4
28032 Madrid
Spain
Tel: +34 91 825 5700
Fax: +34 91 825 5740

North and Central America

Metso Minerals Industries Inc.
20965 Crossroads Circle
Waukesha, WI 53186
U.S.A.
Phone: +1 262 717 2500
Fax: +1 262 717 2504

Russia and other CIS countries

ZAO Metso Minerals (CIS)
V.O. Liniya, 70
199178 St. Petersburg
Russia
Phone: +7 812 740 3040
Fax: +7 812 740 5775

South America

Metso Minerals Indústria e Comércio Ltda
Avenida Independência, 2500 - Éden
18087-050 Sorocaba
Brazil
Phone: +55 15 2102 1300
Fax: +55 15 2102 1696

