



**New**

## Lokotrack ST620F Mobile Screen





## ST620F - a new Lokotrack with a large horizontal screen

Metso Minerals, the world leader in rock and minerals processing, has unveiled the new Lokotrack ST620F track-mounted mobile screen, which provides the optimum solution for the rock processing industry. The unit's large screening area combines high capacity with efficient fine screening, without compromising mobility.

The ST620F solid construction, plus an intelligent design, offers durability and an extended lifetime in demanding heavy-duty applications. The standard unit is capable of producing 4 sized fractions and accepts feed material of up to 200 mm (9 in.).

### **Built around the proven Nordberg FS303M triple shaft flat screen**

The new Lokotrack ST620F mobile screen is built around the proven Nordberg FS303 flat screen that has been widely used in both stationary and portable applications.

This high performance horizontal screen accepts a wide range of screen media options, and can be equipped with either an apron or belt feed arrangement for excellent versatility and flexibility.

Power is supplied by a CAT Tier 3 powerpack, which meets the latest global emission regulations and represents the new generation of power supply. The higher rated power availability allows the engine to operate well within the recommended load parameters, providing durability and an extended lifecycle even in the most difficult applications.

The Lokotrack ST620F is mounted on heavy-duty 500 mm (19.7") 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 crushing and screening equipment.

### **User-friendly IC300 technology**

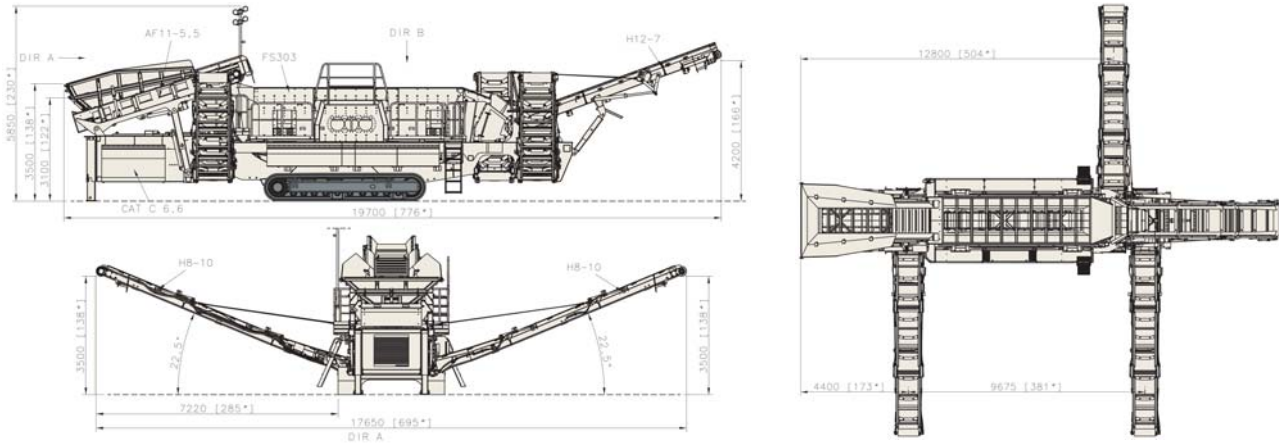
The IC300 intelligent controller offers fully automated control of all machine functions when in screening process mode. Screen speed, amplitude and conveyor speeds are constantly monitored and adjusted, maximizing production rates and end product quality.

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

### **Lokotrack ST620F highlights**

- ✓ Large three-deck, two-bearing horizontal screen with adjustable, elliptical high G-force stroke
- ✓ Heavy duty, high capacity mobile unit capable of screening a wide variety of materials including rock, sand and gravel
- ✓ Optimized production and ease of daily operations due to intelligent automation system
- ✓ Unmatched reliability provides maximum machine availability





## Technical data

### Standard features

- Horizontal screen box
- Hydraulic folding hopper
- Apron feeder
- Heavy-duty tracks
- Hydraulic folding conveyors
- 168kW (225HP) Powerpack
- Maintenance platform
- Emergency stop system
- Variable speed feeder and conveyors
- Remote control of movement
- IC300 intelligent control with color display
- Light mast

### Options

- Belt feeder
- Wide range of screening media
- Radio control of movement and process control
- LT-ST interlocking cable
- Xenon lights
- Dust encapsulation
- High pressure water spray system
- Special paint

### Specifications

#### Hopper capacity

- apron and belt feed hoppers 5.5 m<sup>3</sup> (7.2 yd<sup>3</sup>)

#### Apron feeder

- loading height 3500 mm (11' 6")  
 - loading height with hopper backdoor down 3500 mm (10' 2")  
 - loading width 3125 mm (10' 3")  
 - feeder width 1100 mm (3' 7")

#### Belt feeder

- loading height 3000 mm (9' 4")  
 - loading height with hopper backdoor down 2650 mm (8' 8")  
 - loading width 2790 mm (9' 2")  
 - feeder width 1200 mm (3' 11")

#### Screen

- length 6100 mm (20')  
 - width 1939 mm (6' 4")  
 - screening area/deck 10.9 m<sup>2</sup> (13.0 yd<sup>2</sup>)

#### Conveyors

Overflow conveyor  
 - width 1200 mm (47")  
 - discharge height 2800-4200 mm (9' 2"-13' 9")  
 Side conveyors (3)  
 - width 800 mm (32")  
 - discharge height 3500 mm (11' 6")  
 Fines conveyor  
 - width 1200 mm (47")  
 - length 7000 mm (22' 12")

#### Engine

Engine make/model Caterpillar C6.6  
 Power 168 kW (225 hp)

#### Transport dimensions

##### With apron feeder

Length 18 500 mm (60' 9")  
 Width 3450 mm (11' 4")  
 Height 3660 mm (12')  
 Weight 49 000 kg (108 000 lbs)

##### With belt feeder

Length 21 230 mm (69' 8")  
 Width 3450 mm (11' 4")  
 Height 3660 mm (12')  
 Weight 46 000 kg (101 400 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](mailto:minerals.info.csr@metso.com)**  
**[www.metsominerals.com](http://www.metsominerals.com)**

**Australia and New Zealand**

Metso Minerals (Australia) Ltd  
24 Lavarack Ave  
Eagle Farm, QLD 4009 West Perth, WA 6005  
Australia  
Phone: +61 7 3868 2144  
Fax: +61 7 3868 2105

**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  
6th Floor, DLF Gateway Tower,  
DLF City Phase III,  
Gurgaon 122 002  
Haryana  
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

