

Lokotrack® LT1213 & LT1213S

Mobile crushing & screening plants





Lokotrack® LT1213 & LT1213S

The desired impact

Metso Lokotrack® LT1213S is fully equipped mobile impactor plant with high capacity dual-slope screen and return conveyor. LT1213 has the same features and options available but no screen nor return conveyor. The crushing plants have been built around powerful Caterpillar® C13 diesel engine and capacity is provided by the refreshed NP1213M impact crusher. Lokotrack LT1213 and LT1213S can be transported as a single unit on a low bed trailer.

Flexibility in applications

New radial return conveyor makes Lokotrack LT1213S easy to operate in closed and open circuits. The conveyor turns hydraulically. Lokotrack LT1213S has the brand new dual-slope screen to provide high on board screening capacity. The screening unit can be docked in a few minutes. Both Lokotrack plants are designed to operate together with other Lokotrack mobile crushing and screening plants. LT1213 and LT1213S can be fine tuned for aggregate, quarry or recycling applications with features like vibrating grizzly or pan feeder under the crusher.

Energy saving built-in

Lokotrack LT1213 and LT1213S have advanced gearbox as a standard. The Metso gearbox provides the most efficient crusher drive system on the market with assisted start and brake. Optimized hydraulic circuit with independent fan and stand-by function gives up to 20% lower fuel consumption and more power for the crusher.

Safe to operate and maintain

The crusher service rotation is done by 24V hydraulic power pack. New tools are provided to help changing the blow bars and breaker plates. Special attention is being paid on access to the service locations and trouble free material flow. Stand-by function helps to save fuel and reduce noise when idling.

Profitable crushing for different customers

Fast set up is important when crushing plants are moving regularly. Lokotrack LT1213 and LT1213S are ready for crushing only few moments after arriving onsite. Any tools or cranes are not required. Metso IC700 process control system with single button start and stop makes the Lokotrack easy to use. Parameters for different sites can be stored and even setting can be optionally adjusted from control display. Lokotrack LT1213 and LT1213S come always with high quality blow bars for efficient crushing. Operation and service DVD with scheduled maintenance, equipment protection plan and extended warranty maximize the availability and profitability.



High quality blow bars as a standard

Lokotrack LT1213 & LT1213S:

- The excellent capacity is a combination of high performance and reliability
- The efficient power transmission provides up to 20% lower fuel consumption
- Compact dimensions and easy set-up gives superior mobility
- New features like service rotation provides easy and safe operation



- 1 No tools are required for set-up.
- 2 Dual-slope screen enables efficient & accurate separation.
- 3 Metso gearbox and direct drive enable efficient crushing.
- 4 Return conveyor always on board in LT1213S.

Lokotrack LT1213			
Nordberg NP1213M impact crusher			
Rotor dimensions		1 300 x 1 200 mm	51 1/5" x 47 1/5"
Feed hopper			
Standard		6 m ³	8 yd ³
With extensions		9 m ³	12 yd ³
Loading height		3 800 mm	12' 6"
Feeder			
Width		1 100 mm	43 1/3"
Length		4 200 mm	13' 9"
Main conveyor			
Width		1 200 mm	47"
Discharge height*		4 000 mm	13' 2"
Engine			
Caterpillar C13		310 kW	415 hp
Transport dimensions			
Length*		16 850 mm	55' 3"
Width		2 980 mm	9' 9"
Height		3 600 mm	11' 9"
Weight*		45 tons	99 000 lbs

* = Dimensions with a long main conveyor, magnetic separator, side conveyor and feed hopper extensions

Lokotrack LT1213S			
Nordberg NP1213M impact crusher			
Rotor dimensions		1 300 x 1 200 mm	51 1/5" x 47 1/5"
Screen DS16-36			
Area		5.75 m ²	6.9 yd ²
Feed hopper			
Standard		6 m ³	8 yd ³
With extensions		9 m ³	12 yd ³
Loading height		3 800 mm	12' 6"
Feeder			
Width		1 100 mm	43 1/3"
Length		4 200 mm	13' 9"
Main conveyor			
Width		1 200 mm	47"
Discharge height		3 100 mm	10' 2"
Engine			
Caterpillar C13		310 kW	415 hp
Transport dimensions			
Length		19 400 mm	63' 7"
Width		3 200 mm	10' 6"
Height		3 600 mm	11' 9"
Weight**		55 tons	121 000 lbs

** = Dimensions with all options

The Lokotrack LT1213S is easily transportable on a trailer.





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.



Metso Corporation, Lokomonkatu 3, P.O.Box 306, FI-33101 Tampere, Finland, tel. +358 20 484 142
www.metso.com

Metso, Lokotrack, Nordberg, Barmac and, Trellex are trademarks or registered trademarks of Metso Corporation or its subsidiaries or affiliates.
*Other names and brands may be claimed as the property of others.
*Caterpillar and CAT are registered trademarks of Caterpillar Inc.