

Lokotrack Impactor plants





Lokotrack LT1110

The Lokotrack® LT1110™ is our most compact impactor plant on tracks. The LT1110 is commonly used for crushing medium hard rocks and for recycling. It can crush any recycled material from asphalt to concrete and bricks. The Nordberg® NP1110M™ impact crusher always provides high capacity and a high reduction rate.

Lokotrack LT1110 is built around the powerful Nordberg NP1110M impact crusher from the proven NP series. The crusher is specially designed for mobile applications, and features a large feed opening and robust construction for long-lasting, reliable operation. The Lokotrack LT1110 always features high-quality blow bars as standard.

The highly advanced IC700™ process control system controls and adjusts all key parameters in the process for optimum crushing results. By controlling the feeder and crusher it gets the best performance out of the LT1110.

An additional screen module with a return conveyor allows the Lokotrack LT1110 to produce a calibrated end product with just a single unit. The new engine module and hydraulic system provide more power for the crusher and enable lower fuel consumption.

Features

Crusher	Nordberg® NP1110M™
Feed opening	1 040 x 800 mm (41 x 31")
Engine	CAT® C9 / C9.3, 248 kW (333 hp)
Weight	32 000 kg (71 000 lbs)



"This machine is very reliable in operation and we are happy with its productivity. We run the Lokotrack LT1110 normally up to 18 to 20 hours per day with no extra stoppages."

Kaya Turan
Board member
Dere Madencilik A.Ş., Turkey



Lokotrack LT1213

The Lokotrack® LT1213™ is a fully-equipped mobile impactor plant that combines mobility, high capacity and flexibility in applications. The CAT® C13 engine secures crushing power and high-quality blow bars put the final touches on performance. The LT1213 can operate as a primary or secondary unit.

Lokotrack LT1213 is easy to operate. The new radial side conveyor, hydraulic locking on the long main conveyor and feed hopper walls are examples of innovations used in the LT1213. The LT1213 can be fine-tuned for aggregate, quarry or recycling applications with features like a vibrating grizzly or pan feeder under the crusher.

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

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

Features

Crusher	Nordberg® NP1213M™
Feed opening	1 320 x 900 mm (52 x 35 1/2")
Engine	CAT® C13, 310 kW (415 hp)
Weight	42 000 kg (93 000 lbs)



Lokotrack LT1213 and LT1213S are excellent primary crushing plants when operating with recycled feed material such as asphalt, concrete or demolition waste. The LT1213S enables calibrated end products by using only one unit.



Lokotrack LT1213S

The Lokotrack® LT1213S™ is a fully equipped mobile impactor plant with a high-capacity single deck screen and a return conveyor. The LT1213S can be transported as a single unit on a low bed trailer.

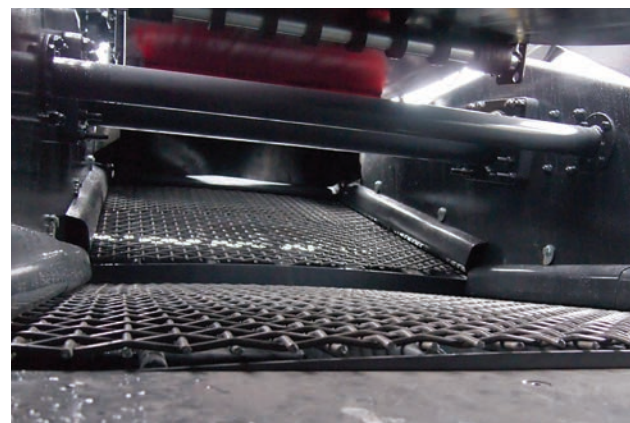
The brand new dual-slope screen and radial return conveyor provides high on-board screening capacity and makes the Lokotrack LT1213S easy to operate in closed and open circuits. The screening unit can be docked in just a few minutes. The LT1213S can be fine-tuned for aggregate, quarry or recycling applications including asphalt with features like a vibrating grizzly or pan feeder under the crusher.

The LT1213S has an advanced gearbox as standard. The Metso gearbox provides the most efficient crusher drive system on the market with assisted start and brake. The optimized hydraulic circuit with an independent fan and stand-by function provides up to 20% lower fuel consumption in addition to more power for the crusher.

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

Features

Crusher	Nordberg® NP1213M™
Feed opening	1 320 x 900 mm (52 x 35 ½")
Engine	CAT® C13, 310 kW (415 hp)
Weight	51 000 kg (112 000 lbs)



The dual-slope screen enables efficient and accurate separation.

Lokotrack impactor plants

	LT1110™	LT1110S™	LT1213™	LT1213S™
Transport dimensions				
Length	14 850 mm (49')	17 700 mm (58'1")	15 400 mm (50'6")	19 400 mm (63'7")
Width	2 550 mm (8'4")	2 750 mm (9')	2 980 mm (9'9")	3 200 mm (10'6")
Height	3 400 mm (11'2")	3 400 mm (11'2")	3 600 mm (11'10")	3 600 mm (11'9")
Weight	32 000 kg (71 000 lbs)	38 000 kg (84 000 lbs)	42 000 kg (93 000 lbs)	51 000 kg (112 000 lbs)
Crusher				
Model	Nordberg® NP1110M™	Nordberg® NP1110M™	Nordberg® NP1213M™	Nordberg® NP1213M™
Nominal feed opening	1 040 x 800 mm (41 x 31')	1 040 x 800 mm (41 x 31')	1 320 x 900 mm (52 x 35½')	1 320 x 900 mm (52 x 35½')
Feeder				
Hopper volume	5 / 8* m³ (6.6 / 10.5* yd³)	5 / 8* m³ (6.6 / 10.5* yd³)	6 / 9* m³ (8 / 12* yd³)	6 / 9* m³ (8 / 12* yd³)
Loading height	3 620 mm (11'10")	3 620 mm (11'10")	3 800 mm (12'6")	3 800 mm (12'6")
Loading width	2 600 / 3 500* mm (8'7" / 11'6"*)	2 600 / 3 500* mm (8'7" / 11'6"*)	2 630 / 3 600* mm (8'8" / 11'10"*)	2 630 / 3 600* mm (8'8" / 11'10"*)
Conveyors' discharge height				
Main conveyor	2 900 mm (9'7")	2 900 mm (9'7")	3 100 / 4 000* mm (10'2" / 13'2"*)	3 100 mm (10'2")
Side conveyor	2 000 mm (6'7")	2 000 mm (6'7")	1 500 mm (4'10")	1 500 mm (4'10")
Screen product conveyor	o	2 850 mm (9'4")	o	3 070 mm (10'1")
Screen side conveyor	o	3 400 mm (11'2")	o	4 000 mm (13'1")
Engine				
Model	CAT® C9 / C9.3	CAT® C9 / C9.3	CAT® C13	CAT® C13
Power	248 kW (333 hp)	248 kW (333 hp)	310 kW (415 hp)	310 kW (415 hp)
Fuel tank capacity	500 l (132 gal)	500 l (132 gal)	630 l (166 gal)	630 l (166 gal)
Process control	IC700™	IC700™	IC700™	IC700™
Screen				
Model	o	TK11-30-S	o	DS16-36
Size	o	3 000 / 1 100 mm (9'10" / 3'7")	o	3 600 / 1 600 mm (11'10" / 5'3")
Options				
Hopper extensions	•	•	•	•
Separated feeder and scalper	o	o	•	•
Feeder rubber bottom	•	•	•	•
Rubber lining for hopper	•	•	•	•
Side conveyor	•	•	•	•
Material level controller	•	•	•	•
Automatic lubrication unit	o	o	o	o
Under crusher pan feeder	o	o	•	•
Long main conveyor	•	o	•	o
Magnetic separator	•	•	•	•
Remote radio control	•	•	•	•
Dust encapsulation	•	•	•	•
High pressure water spraying	•	•	•	•
Pre-heater for engine	•	•	•	•
Hot / cold climate kit	•	•	•	•
Extreme cold climate kit	•	•	•	•
Hydraulic generator	•	•	•	•
Fuel filling pump	•	•	•	•
Hydraulic power take off	•	•	•	•
Interlocking cable	•	•	•	•

*option



A Metso distributor



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330 Lee Industrial Blvd., Austell, GA 30168
Toll Free: (800) 282-1562
Local: (770) 941-2300
www.yanceybros.com