

Lokotrack Cone plants





Lokotrack LT220D

Lokotrack® LT220D™ is a revolutionary masterpiece in Metso's world-beating Lokotrack crushing and screening equipment range. The innovative combination of high-performance cone crusher and screen onto the same chassis brings you indisputable benefits.

Lokotrack LT220D is a new innovative way to combine crusher and screen onto the same chassis. LT220D can be equipped with either proven and powerful Nordberg® GP220™ or HP200™ cone crushers. A large 8.4 m² (10 yd²) screen provides high capacity as well as excellent screening efficiency. By combining the Lokotrack LT220D with a LT106™ primary jaw crushing plant you can produce up to 3 calibrated end products using just two plants. The Intelligent Metso IC™ process control system ensures safe and reliable control of the crushing process.

Running both crusher and screen with a single CAT® C13 diesel engine clearly makes a big difference. The maximum power available for the crusher is achieved by using efficient direct drive power transmission. As a result, fuel consumption is substantially decreased and running costs reduced.

Lokotrack LT220D transforms into a very compact package. Weighing only 48 tons (105 000 lbs) with side conveyors on board, Lokotrack LT220D is easy to transport on most roads and highways.

Features

Crusher	Nordberg® GP220™ / HP200™
Feed opening	210 / 185 mm (8 ¼" / 7 ¼")
Engine	CAT® C13, 310 kW (415 hp)
Weight	48 000 kg (105 000 lbs)



"Combining two proven machines into one easily transportable unit has got our market very excited. The LT220D will help our customers cut down their operational costs and allow them to realize profits at a quicker pace than ever before."

Ken Lloyd
Crushing Systems Manager
Wheeler Machinery Co., USA



Lokotrack LT200HP

The Lokotrack® LT200HP™, designed for secondary and tertiary crushing applications, combines high capacity, a large feed opening and compact transport dimensions. The crushing plant is built around one of the best-selling cone crushers on the market, the Nordberg® HP200™.

The Nordberg HP200 cone crusher features high capacity and reliability, in addition to top quality and cubical end products as well as low wear part costs.

The market-leading, user-friendly IC600™ process control system features complete automatic crushing process controls, single-button process startup and advanced fault diagnostics. It also ensures the steady and constant feeding of the crusher at all times.

The Lokotrack® LT200HPS™ cone plant can be equipped with either one or two-deck detachable screens. This cone plant is designed for efficient secondary and fine crushing and screening applications, where high throughput, a high-quality end product shape, accurate screening and compact transport dimensions are needed.

Features

Crusher	Nordberg® HP200™
Feed opening	210 mm (8 1/4")
Engine	CAT® C13, 310 kW (415 hp)
Weight	30 000 kg (66 000 lbs)



Lokotrack LT300HP

The track-mounted Lokotrack® LT300HP™ cone plant, equipped with the proven Nordberg® HP300™ cone crusher, is the most efficient and flexible secondary and tertiary crushing plant on the market that can be transported from site to site as a single unit.

Lokotrack LT300HP has robust construction for the toughest of hard rock crushing sites. The proven HP300 crusher cavity can be selected according to the specific application requirements to achieve high capacity, top end product quality as well as low wear part costs. The optimized power transmission system makes the LT300HP extremely cost effective.

The LT300HP can be optimized for different needs and applications with a variety of optional feeding and screening equipment. An integrated screen module option offers the possibility to produce calibrated end products. The LT300HP is equipped with advanced IC600™ process control system and can also be used as part of a multistage plant together with different mobile screens. Easy transportability on a trailer allows the Lokotrack LT300HP to be used in high-capacity contracting.

Features

Crusher	Nordberg® HP300™
Feed opening	230 mm (9 1/8")
Engine	CAT® C15, 403 kW (540 hp)
Weight	43 000 kg (95 000 lbs)



Lokotrack LT300HP is available with either a belt feeder or alternatively with a vibrating grizzly feeder.

Lokotrack cone plants

	LT220D™	LT200HP™	LT300HP™
Transport dimensions			
Length	16 500 mm (54')	16 750 mm (54' 11")	17 300 mm (56' 9")
Width	3 000 mm (9' 10")	3 000 mm (9' 10")	3 500 mm (11' 5")
Height	3 500 mm (11' 6")	3 400 mm (11' 1")	3 800 mm (12' 5")
Weight	48 000 kg (105 000 lbs)	30 000 kg (66 000 lbs)	43 000 kg (95 000 lbs)
Crusher			
Model	Nordberg® GP220D™ / HP200™	Nordberg® HP200™	Nordberg® HP300™
Nominal feed opening	210 / 185 mm (8 ¼" / 7 ¼")	210 mm (8 ⅜")	230 mm (9 ⅛")
Feeder			
Hopper volume	○	5 m ³ (6.6 yd ³)	5 / 8* m ³ (6.6 / 10.5* yd ³)
Loading height	2 850 mm (9' 4")	2 715 mm (8' 10")	2 900 / 3 600* mm (9' 6" / 11' 10"*)
Loading width	1 750 mm (5' 9")	2 500 mm (8' 3")	2 800 / 3 900* mm (9' 2" / 12' 10"*)
Conveyors' discharge height			
Main conveyor	○	3 000 mm (9' 10")	2 700 / 3 700* mm (8' 10" / 12' 2"*)
Side conveyor	○	○	2 000 mm (6' 7")*
Screen product conveyor	4 350 mm (14' 4")	○	○
Screen side conveyor(s)	3 700 mm (12' 2")	○	○
Engine			
Model	CAT® C13	CAT® C13	CAT® C15
Power	310 kW (415 hp)	310 kW (415 hp)	403 kW (540 hp)
Fuel tank capacity	900 l (238 gal)	600 l (159 gal)	940 l (248 gal)
Process control	IC800™ / IC600™	IC600™	IC600™
Screen			
Model	ST4.8	○	TK13-305*
Length	5 480 mm (18')	○	3 000 mm (9' 10")
Width	1 524 mm (5')	○	1 300 mm (4' 3")
Options			
Hopper extensions	○	○	●
Feeder rubber bottom	○	○	●
Rubber lining for hopper	○	○	●
Side conveyor	●	○	●
Material level control	●	●	●
Metal detector	●	●	●
Long main conveyor	○	○	●
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.yanceybroqs.com