

Lokotrack Jaw plants





Lokotrack LT96

The Lokotrack® LT96™ is the solution for the most difficult transportation conditions. It can be transported in an airplane, by ski lift or on a low bed trailer. The LT96 is our most compact mobile jaw crushing plant, providing great performance especially in recycling and the contracting segment.

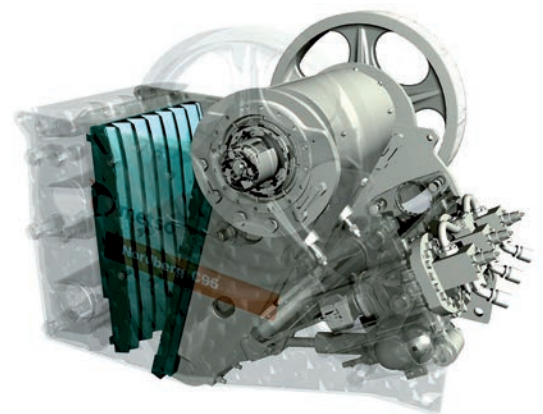
Lokotrack LT96 is built around the Nordberg® C96™ jaw crusher. The sturdy, bolted and pinned design increases the durability of the crusher against shock loads. The swinging function is available through the powerful hydraulic drive.

The IC700™ process control system provides you with optimum crushing results. It enables single-button start and stop, and its different access levels are widely used, especially in the rental business. The IC700 is a standard feature in the LT96.

Active Setting Control™ is an additional feature for the Lokotrack LT96. The highly advanced system acts as a setting adjustment system and releases the crusher cavity to open in the event of hitting non-crushable material such as slag or steel bars in concrete. The Active Setting Control allows the operator to read and adjust settings on a display or through radio remote control.

Features

| | |
|---------------------|-----------------------------------|
| Crusher | Nordberg® C96™ |
| Feed opening | 930 x 580 mm (37" x 23") |
| Engine | CAT® C6.6 / C7.1, 170 kW (228 hp) |
| Weight | 28 000 kg (62 000 lbs) |



The Nordberg® C96™ jaw crusher with Active Setting Control™



Lokotrack LT106

The Lokotrack® LT106™ combines over 30 years of experience in mobile equipment with 21st century materials and design. It simultaneously cuts operating costs and generates the highest customer value possible.

Lokotrack LT106 is equipped with the Nordberg® C106™ jaw crusher, with a proven track record in the toughest of applications. New features, such as a radial side conveyor, high inertia flywheels and an IC700™ process control system that utilizes an ultrasonic material level sensor, offer the best capacity and cost efficiency in the 40-tonne size class. The CAT® C9.3 engine with hydraulic drive ensures trouble-free operation and enables the swinging function.

Lokotrack LT106's compact dimensions and agility on tracks mean lower transport costs between and at crushing sites. The chassis design, with good clearance at both ends, enables safe and easy loading onto a trailer. Thanks to the feed hopper sides with a patented and safe hydraulic securing system and radial side conveyor, the unit is ready for crushing or transport within minutes.

New design features, such as engine layout and flywheel composite covers, together with spacious service platforms and general excellent accessibility make daily operations safe and easy. You can add flexibility with additional features like a screen module and long main conveyor.

Features

| | |
|---------------------|---------------------------------|
| Crusher | Nordberg® C106™ |
| Feed opening | 1 060 x 700 mm (42" x 28") |
| Engine | CAT® C9 / C9.3, 224 kW (300 hp) |
| Weight | 40 000 kg (88 000 lbs) |



"With the new Lokotrack LT106 we spend 35% less fuel compared to our old Lokotrack LT105."

Jo Banner
Company Director
Banner Contracts Ltd, United Kingdom



Lokotrack LT120

The robust Lokotrack® LT120™ jaw crushing plant is an outcome of combining solid experience with a new way of thinking. The thorough design process, that pays attention to each and every detail, guarantees outstanding performance, and premium-quality Metso parts ensure a reliable solution.

A reliable and efficient mobile crushing plant is the sum of several factors working together smoothly. The Nordberg® C120™ jaw crusher with its large feed opening provides excellent capacity even in the toughest applications. The hydraulic drive ensures trouble-free operation and enables the crusher direction to be changed in case of blockage. The totally new CAT® C13 engine module provides optimal power to the high inertia flywheels.

Lokotrack LT120 is designed to be safe to operate and maintain. The jaw die bolts are easily accessible, and the composite covers protecting the flywheels can be safely and easily opened. Having good access and proper platforms really make a difference in daily operational safety.

Features

| | |
|---------------------|----------------------------|
| Crusher | Nordberg® C120™ |
| Feed opening | 1 200 x 870 mm (47" x 34") |
| Engine | CAT® C13, 310 kW (415 hp) |
| Weight | 62 000 kg (137 000 lbs) |



"We have been extremely satisfied by the LT120's strong construction, high capacity and especially its very low fuel consumption. Improved production costs make the LT120 perfect equipment for our needs."

Jean-Roger Delanne
Managing Director
SAS Carrières d'Ambazac, France

Lokotrack jaw plants

| | LT96™ | LT106™ | LT120™ |
|------------------------------------|--|---|--|
| Transport dimensions | | | |
| Length | 12 450 mm (40'10") | 15 200 mm (49'9") | 16 650 / 17 400* mm (54'8" / 57'11") |
| Width | 2 500 mm (8'2") | 2 800 mm (9'2") | 3 000 mm (9'10") |
| Height | 3 100 mm (10'2") | 3 400 mm (11'2") | 3 900 mm (12'10") |
| Weight | 28 000 kg (62 000 lbs) | 40 000 kg (88 000 lbs) | 62 000 kg (137 000 lbs) |
| Crusher | | | |
| Model | Nordberg® C96™ | Nordberg® C106™ | Nordberg® C120™ |
| Nominal feed opening | 930 x 580 mm (37" x 23") | 1 060 x 700 mm (42" x 28") | 1 200 x 870 mm (47" x 34") |
| Feeder | | | |
| Hopper volume | 4 / 6* m ³ (5.2 yd ³ / 7.8* yd ³) | 6 / 9* m ³ (8 / 12* yd ³) | 7 / 12* m ³ (9 / 16* yd ³) |
| Loading height | 3 500 mm (11'6") | 3 900 mm (12'10") | 4 430 mm (14'6") |
| Loading width | 2 693 / 3 500* mm (8'10" / 11'6") | 2 630 / 3 600* mm (8'8" / 11'10") | 2 600 / 4 100* mm (8'7" / 13'6") |
| Conveyors' discharge height | | | |
| Main conveyor | 2 600 / 3 600* mm (8'7" / 11'10") | 2 800 / 3 900* mm (9'2" / 12'10") | 3 400 / 4 700* mm (11'2" / 15'5") |
| Side conveyor | 1 547 mm (5'1") | 1 630 mm (5'4") | 2 850 mm (9'5") |
| Screen product conveyor | 2 300 mm (7'7") | 2 600 mm (8'7") | o |
| Screen side conveyor | 1 800 mm (6') | 2 650 mm (8'8") | o |
| Engine | | | |
| Model | CAT® C6.6 / C7.1 | CAT® C9 / C9.3 | CAT® C13 |
| Power | 170 kW (228 hp) | 224 kW (300 hp) | 310 kW (415 hp) |
| Fuel tank capacity | 500 l (132 gal) | 630 l (166 gal) | 630 l (166 gal) |
| Process control | IC700™ | IC700™ | IC700™ |
| Screen | | | |
| Model | TK11-20-S* | TK11-30-S* | o |
| Size | 2 000 / 1 100 mm (6'7" / 3'7") | 3 000 / 1 100 mm (9'10" / 3'7") | o |
| Options | | | |
| Hopper extensions | • | • | • |
| Feeder rubber bottom | • | • | • |
| Rubber lining for hopper | • | • | • |
| Side conveyor | • | • | • |
| Active Setting Control™ | • | • | o |
| Material level controller | • | • | • |
| Belt protection plate | • | • | • |
| Automatic lubrication unit | • | • | • |
| Long main conveyor | • | • | • |
| Magnetic separator | • | • | • |
| Remote radio control | • | • | • |
| Dust encapsulation | • | • | • |
| High pressure water spraying | • | • | • |
| Pre-heater for engine | • | • | • |
| Hot / cold climate kit | • | • | • |
| Extreme cold climate kit | • | • | • |
| Hydraulic boom and hammer | • | • | • |
| Additional platform | • | • | o |
| Hydraulic generator | • | • | • |
| Fuel filling pump | • | • | • |
| Hydraulic power take off | • | • | • |
| Interlocking cable | • | • | • |

*option



A Metso distributor



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