

Lokotrack
LT110C track-mounted
crushing plant





The new Lokotrack LT110C crusher plant – high crushing capacity with excellent mobility

Metso has launched the new Lokotrack LT110C crushing plant, an optimal combination of high crushing capacity and ease of transports. This new plant is an excellent solution for efficient primary crushing, either as a stand-alone unit or in combination with secondary and tertiary crushers and mobile screens.

For crushing contractors, LT110C offers both cost efficiency and low-cost end products. The plant's intelligent process control system guarantees continuous availability of high crushing capacity. The wear part selection meets the requirements of all applications. The low weight of the unit facilitates easy relocations from one work site to another.



Reliable and powerful C110 jaw crusher

The heart of LT110C is the reliable and powerful Nordberg C110 jaw crusher, a combination of long-term experience and the latest know-how in the field.

A sturdy, non-welded, pinned and bolted frame structure guarantees durability and a long service life. The shape of the feed opening is optimized to ensure the best crushing results.

You can choose from two different feed hopper sizes, according to your specific

needs. The fines can be conveyed either to bypass the crusher or to the side, to a separate pile.

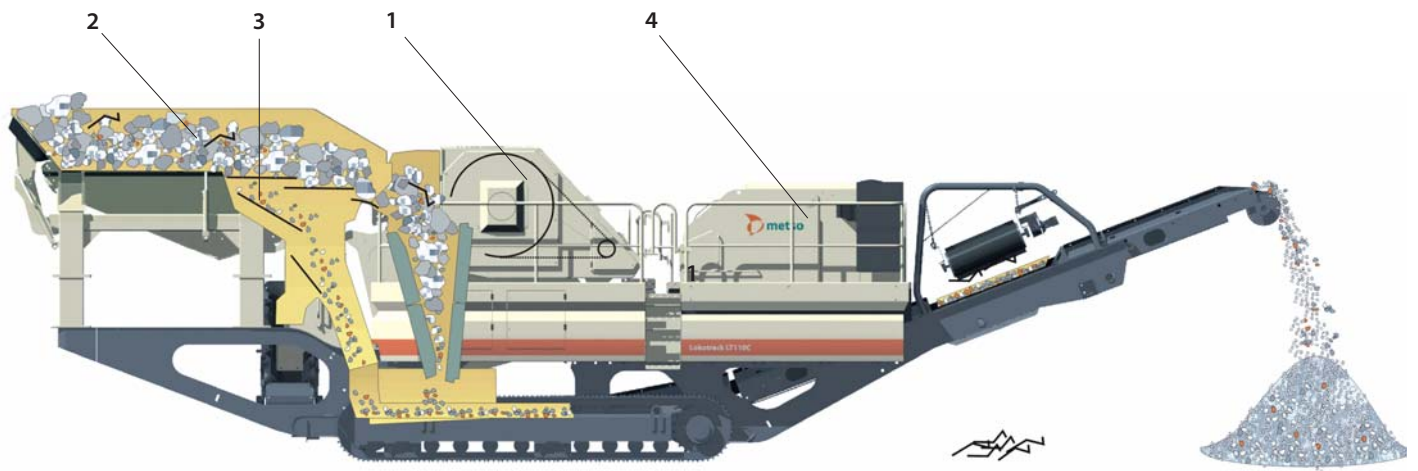
Process control makes the operator's life easy

Lokotrack LT110C is easy and safe to operate. The IC500 series automatic process control system constantly regulates the system to achieve the maximum crushing capacity and enables "single-button" start up. IC500 also helps the operator to diagnose any

malfunctions in the system.

The prime mover of LT110C is a modern Caterpillar diesel engine, which is fully capable of meeting the most stringent emission standards.

The maintenance points are easily accessible, and there are numerous additional equipment options available, including a detachable screen and an extended foldable conveyor. The standard features include hydraulic crusher setting adjustment and remote control via cable.



Components of the crusher unit

Crusher (1)

Nordberg C110 jaw crusher

- feed opening depth 1100 mm
- feed opening width 850 mm
- hydraulically operated

Feed hopper (2)

- volume 6 m³ (optionally 9 m³)
- length 3500 mm
- width 2500 mm
- feed height 4000 mm

Feeder (3)

- length 4200 mm
- width 1100 mm
- grizzly spacing 38, 50, 70 or 90 mm
- two-deck screen module as an option

Engine (4)

Cat C13 diesel engine

- power 310 kW
- rotational speed 2100 rpm
- meets the Tier 3 emission standards

Process control system

Nordberg IC500

- automatic process control
- "single button" process start and stop
- fault diagnostics

Maximum capacity 700 t/h

Transport dimensions

- Length 15 600 mm
- Width 3000 mm
- Height 3850 mm
- Weight 58 000 kg

Metso's Mining and Construction crushing equipment

Product families:

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
- Barmac series vertical impact crushers
- Nordberg laboratory crushers

Mobile crushing plants

- Lokotrack LT series track-mounted crushing plants
- Nordberg NW series wheel-mounted crushing plants

Stationary crushing plants

- Complete plants for aggregate production
- Complete plants for recycling applications



All Metso Minerals Oy Tampere Works equipment is produced in accordance with a quality assurance system that complies with the ISO 9001 standard, as certified by DNV Certification Oy.

Metso's Mining and Construction Technology

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