

Lokotrack
LT300GPB
Mobile crushing plant





Lokotrack LT300GPB – an efficient cone plant with a screen

Lokotrack LT300GPB is a proven member of the world renowned range of Lokotrack series crushing plants. Equipped with the high performance GP300 crusher LT300GPB has a throughput of up to 450 tons per hour. The Lokotrack LT300GPB is the most efficient closed circuit secondary and tertiary crushing unit in the market that can be transported from site to site as a single unit.

Robust design secures versatile use

The robust construction of Lokotrack LT300GPB secure the versatile use for applications in the toughest of hard rock sites. LT300GPB combines high crushing capacity with low operational costs.

The B Series horizontal screen enables efficient screening of the crushed materials to 1–3 end product fractions.

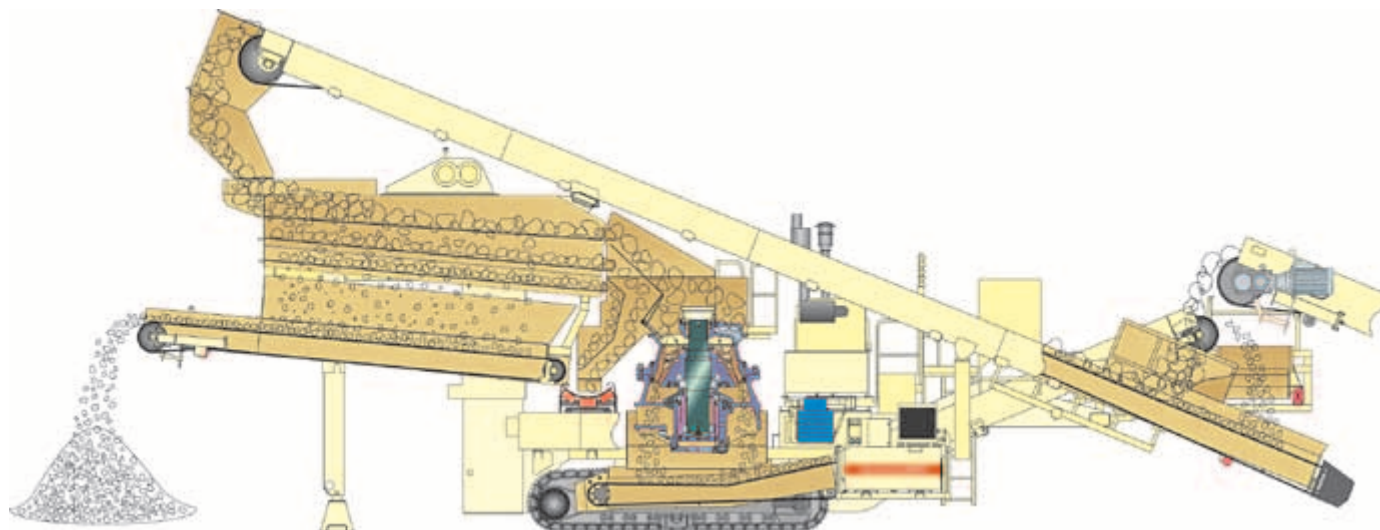
Lokotrack LT300GPB is easy to use and service. The IC50 process steering automation system steers and adjust the crushing and screening

process and when needed, helps also with the fault diagnostics.

The experience of Metso's Mining and Construction, the world's leading manufacturer of track mounted crushing units, combined with the close cooperation of customers and product development, guarantees the high reliability and cost effectiveness of the LT300GPB for many years of tough operation.



Lokotrack LT300GPB



Unit components

Performance

Feed size up to *)	210 mm	(8 in)
Product size up to *)	75 mm	(3 in)
Capacity up to	450 tph	(495 stph)
Travelling speed	1 km	(0.6 mi/h)
Climbing grade	25°	(45 %)

Transport dimensions – basic unit

Height	3.8 m	(12 ft 6 in)
Width	3.5 m	(11 ft 6 in)
Length	19.4 m	(63 ft 8 in)
Weight	61 t	(135,000 lbs)

Equipment – basic unit

Horizontal screen, three decks	B380T
Discharge chute	with flap gate
Cone crusher	GP300
Setting control unit	IC50
Main conveyor	H12-9
Vibrating chute	TK10-20
Lifting conveyor	H10-17
Discharge conveyor	H10-8
Tracks	D7A
Engine, Caterpillar	C-15
– power	403 kW
Fuel tank volume	800 l (210 gal)
Hydraulic oil tank volume	400 l (105 gal)
AC generator and panel	71 kVA, 50 Hz

Alternative equipment – basic unit

Horizontal screen, two decks	B2100T
Horizontal screen, three decks	B3100T

Optional equipment

Side conveyor (for 1st deck product)	H6.5–6
Side conveyor (for 2nd deck product)	H6.5–6

Material level control, Dust encapsulation, Dust removal unit, Water spraying, Remote radio control, Metal detector, Engine pre-heater.

* The given sizes are average dimensions of a particle. Typically the longest dimension is 1.5–1.6 times bigger and the smallest 0.6–0.7 times smaller than the given dimension.

Metso's Mining and Construction crushing and screening equipment

Product families:

Crushers

- C series jaw crushers
- SUPERIOR® gyratory crushers
- GP series cone crushers
- HP series cone crushers
- MP series cone crushers
- NP series horizontal impact crushers
- Barmac series vertical impact crushers

Screens

- DF series screens
- CVB series screens
- FS series screens
- TS series screens
- MF series screens
- RF series screens

Feeders

- TK series feeders
- VF series feeders
- LH.G series feeders
- VG series feeders
- PF series feeders
- HRBM series feeders

Mobile crushing and screening plants

- Lokotrack LT series track-mounted crushing plants
- Lokotrack ST series track-mounted screening plants
- Lokotrack CT and CW series track- and wheel-mounted conveyors
- Nordberg NW series wheel-mounted crushing plants

Stationary crushing plants

- Complete plants for aggregates 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 Lloyd's Register Quality Assurance Limited.



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