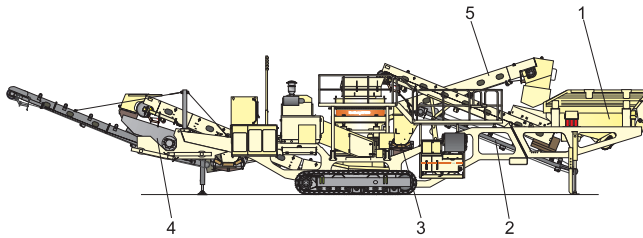




Lokotrack LT300HP Mobile Crushing Plant

Lokotrack LT300HP



The track mounted Lokotrack LT300HP is the latest addition to the world renowned range of LT Series crushing plants. Equipped with HP300 cone crusher, LT300HP has a throughput of up to 550 mtph (660 stph).

Besides the selection of high performance cone crushers cavities, LT300HP also offers a variety of optional feeding and screening equipment. This makes LT300HP the most efficient and flexible secondary/tertiary crushing plant in the market that can be transported from site to site as a single unit.

High versatility:

- LT300HP has robust construction for the toughest of hard rock crushing sites.
- The 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.
- Easy transportability on a trailer allows cost effective use of LT300HP for high capacity contracting.
- The grizzly feeder module (additional equipment) allows the fines to be by-passed or to be discharged via the side discharge conveyor, controlled choke feed to the cone crusher in order to produce high quality end product and the stand alone operation by using a wheel loader for loading.
- The screen module (additional equipment) allows screening of the crushed (and by-passed) material into two separate fractions.
- The closed circuit conveyor (additional equipment) enables circulating the screen oversize back to the cone crusher.
- LT300HP can also be equipped with a king pin and transport bogie attachment (additional equipment) which allows fast and independent mobilisation to next job site.

The experience of Metso Minerals as the world's leading manufacturer of track mounted crushing plants, combined with the close co-operation with customers and product development, guarantees the high reliability and cost effectiveness of the Lokotrack LT300HP for many years of tough operation.

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Performance

Feed size up to *)	240 mm (9.5 in)
Product size up to *)	75 mm (3 in)
Capacity up to	550 tph (660 stph)
Travelling speed	1 km/h (0.6 mph)
Climbing grade	20° (35 %)

Transport dimensions – basic unit

Height	3.8 m (12 ft 6 in)
Width	3.5 m (11 ft 6 in)
Length	16,3 m (56 ft 6 in)
Weight	43 t (95 000 lbs)

Equipment – basic unit

Cone crusher	HP300
Setting control unit	IC600
Feed hopper	7 m ³ (10 yd ³)
Belt feeder	H12-6
Main conveyor	H12-9
Track size	D57
Engine	Caterpillar C-15
- power	403 kW (540 hp)
AC generator and panel	71 kVA, 50 Hz

Alternative equipment – basic unit

Main conveyor	H12-12
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Additional equipment

Feeder unit (1)	
- Feed hopper	5 cu.m (7 cu.yd)
- Grizzly feeder	TK12-32-2V
- Hydraulic legs	2 pcs
By-pass conveyor (2)	H8-6
Side conveyor (3)	H5-5
Screen unit (4)	
- Vibrating screen	TK13-30S
- Discharge conveyor	H10-7
- Side conveyor for c/c operation	H8-4
or	
- Side conveyor for stockpiling	H10-8
- Hydraulic legs	2 pcs
Return conveyor (5)	H8-12

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

*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.



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

