

Metso Lokotrack® LT300HP™

High-capacity crushing for versatile or flexible feeding

Lokotrack LT300HP mobile cone crusher is an efficient and flexible machine for secondary and tertiary stage of high-capacity aggregates production. The versatile HP300 has different cavity options depending on the feed material and end-product requirements. The LT300HP can be equipped with TK feeder, a hanging screen and return conveyor for producing calibrated end product with primary crusher.

HP300 crusher

HP300 most referenced cone crusher on the market

Material level control as a standard

Multiple cavity and crusher options for secondary and tertiary applications

H12-8 Belt feeder

7 m³ feed hopper

Speed adjustable with level

Impact resistant hopper sides

Discharge end hydraulically lowered for transport

Metal detector as a standard

TK12-32-2V feeder (optional)

Vibrating feeder with 2 grizzly sections

Flexible feeding due to multiple grizzly options

H12-9 main conveyor

Hydraulic driven belt conveyor

Extended conveyor for more discharge height

1-deck screen module (option)

Fuel-efficient CAT® C15 / Volvo TAD1385VE power transmission

Direct drive for crusher with purposely designed gearbox and hydraulic clutch for high reliability

Optimized hydraulic circuit for efficient fuel consumption

Hydraulic oil tank 420 l, 111 gal

IC process control for connectivity

Radio remote for feeder control and tracking

ICr Connection between multiple units

Metso Metrics for remote process monitoring

Heavy-duty tracks and frame

FEM designed structure for optimized weight and lifetime

Open frame design for easy service access

Agile tracks have a 3-speed mode for turnability and speed

Feeder module (option)

H12-6 Lifting conveyor with adjustable speed

Metal detector as a standard

By-Pass conveyor H8-6E to transport scalped material to main conveyor or H5-5E side conveyor

Return conveyor H8-12 for closed circuit crushing

Technical specifications

Transport dimensions		
Weight	45,000 kg	100,000 lbs
Length	17,000 mm	57'
Width	3,500 mm	11' 6"
Height	3,800 mm	12' 6"
Feeder		
H12-8 / TK12-32-2V		
Hopper volume	7 / 5 m ³	9 / 6.5 yd ³
Loading height	2,900 / 3,600 mm	9' 6" / 11' 10"
Loading width	2,700 / 2700 mm	8' 10" / 8' 10"
Side conveyor		
H5-5		
Width	500 mm	20"
Length	5,000 mm	16' 5"
Discharge height	2,000 mm	6' 7"
Crusher		
Nordberg® HP300™		
Feed opening	230 mm	9"
Drive type	Direct	Direct
Nominal power	220 kW	300 hp
Process control	IC	IC
Main conveyor		
H12-9 / H12-12		
Width	1200 mm	47"
Length	9,000 / 12,000 mm	29' 6" / 39' 4"
Discharge height	2700 / 3700 mm	8' 10" / 12' 1"
Screen		
TK13-30S		
Decks	2	2
Area	3.9 m ²	4.7 yd ²
Dimensions	1,300 x 3,000 mm	4' 3" x 9' 10"
Return conveyor	H8-12	H8-12
Power unit		
CAT® C15		
Power	403 kW	540 hp
Fuel /hydr.oil vol.	1200 / 420 l	317 / 111 gal
Options		
Climate kit (hot/cold)	Metso Metrics	
Discharge conveyor	Oversize conveyor	
Discharge hood for main conveyor	Pre-heater for diesel engine	
Dust encapsulation for conveyors	Remote radio control	
Extended main conveyor	Return conveyor	
Filter kit	Safety package	
High pressure water spraying	Screen module	
ICr remote process control	Side conveyor	
Interlocking cable	TK feeder module	



Applications



Road construction



Railroad ballast



Asphalt and concrete fractions

Combine with

- LT116, LT120 and LT120E jaw crushers
- LT7150 VSI crusher
- ST2.8, ST3.8, ST4.8 and ST4.10 mobile screens