

## Metso Lokotrack® LT330D™

# Diesel-electric crushing and screening with one machine

Lokotrack LT330D e-Power mobile crusher is a hybrid cone crusher with an integrated screen. It has a high capacity crusher, a 3-deck dual slope screen and a patented centrifugal conveyor on the same chassis, and can be transported between sites in one piece. It can be powered by electricity when the grid is available, and save up to 40% in fuel costs. Combine with other Lokotracks for up to 450 m<sup>3</sup>/h capacity.

### H16-8E Product Conveyor

Hydraulically lowered for screen mesh change  
5,3m (17' 5") discharge height for big stockpile capacity

### H14-8E Screen feed conveyor

Includes feed box with hydraulically foldable side walls  
Conveyor hydraulically lowered for transport, and lifted for screen mesh change

### GP330 cone crusher

Proven cone crushers suitable for hard rock crushing  
High nominal power, effective stroke give flexibility to the process  
Large feed opening allows LT330D usage on multiple crushing stages

### DS20-55 Dual slope 3-deck screen

Dual slope design for capacity and accurate screening  
Hydraulically foldable for transport

### H12-7E Lifting conveyor

Includes feed hopper with wear lined, hydraulically foldable side walls  
Conveyor hydraulically lowered for transport, and lifted for crusher maintenance

### H8-7E side conveyors

Discharge for 2nd and 3rd deck  
High stockpile capacity

### H12-11CC Main conveyor

Closed circuit with centrifugal loop  
Hydraulic opening for maintenance

### Various e-Power features

Connectivity to external power source  
Main components with electric motor drive  
Frequency converter for crusher speed adjustment  
Connection plugs for external power

### IC process control for connectivity

Radio remote for feeder control and tracking  
Remote IC app for improved safety and productivity  
Metso Metrics for remote process monitoring

### Fuel-efficient power transmission

Diesel directly connected to a 700kVA generator to power electric motors  
Crusher drive electric motor 315 kW connected via v-belts

## Technical specifications

Transport dimensions		
Weight	71,000 kg	156,600 lbs
Length	20,500 mm	67' 4"
Width	3,500 mm	11' 6"
Height	3,900 mm	12' 10"
Lifting conveyor		
H12-7E		
Width	1,200 mm	3' 11"
Loading height	3,660 mm	12'
Loading width	2,900 mm	9' 6"
Screen feeding conveyor		
H14-8E		
Length	8,000 mm	26'
Width	1,400 mm	55"
Dimensions	2,000 x 5,500 mm	6' 7" x 18'
Screen		
DS20-55		
Decks	3	3
Area	11 m <sup>2</sup>	117 ft <sup>2</sup>
Dimensions	2,000 x 5,500 mm	6' 7" x 18'
Product conveyor		
H16-8E		
Width	1,600 mm	63"
Length	8,000 mm	26'
Discharge height	5,300 mm	17' 5"
Crusher		
Nordberg® GP330™		
Feed opening	238 mm	9.4"
Drive type	Electric	Electric
Nominal power	300 kW	400 hp
Process control	IC	IC
Main conveyor		
H12-11CC		
Width	1200 mm	47"
Length	11,000 mm	36 ft
Power unit		
CAT® C18, Volvo D16		
Power	563 / 522, 585 / 484 kW	755 / 700, 784 / 649 hp
Fuel /hydr.oil vol.	1,150 / 290 l	304 / 77 gal
Options		
Bypass filter for lubrication oil	Metso Metrics	
Climate kit (hot/cold)	Pre-heater for diesel engine	
Discharge hood for main conveyor	Remote IC	
Dust encapsulation for conveyors	Remote radio control	
Filter kit	Safety package	
Frequency inverter for crusher	Side conveyor	
High pressure water spraying	Special scraper for conveyors	
Interlocking cable		



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### Applications



Road construction



Railroad ballast



Asphalt and concrete fractions

### Combine with

- LT120E and LT130E jaw crushers
- LT300HP and LT300GP cone crushers
- LT7150 VSI crusher
- ST2.8 and ST4.10 mobile screens