

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 mtpth 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

H12-7E Lifting conveyor

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

DS20-55 Dual slope 3-deck screen

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

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
ICr Connection between multiple units
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 ² | 117 ft ² |
| 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 | | |
| Power | 563 kW | 755 hp |
| Fuel /hydr.oil vol. | 1,150 / 290 l | 304 / 77 gal |
| Options | | |
| Bypass filter for lubrication oil | Interlocking cable | |
| Climate kit (hot/cold) | Metso Metrics | |
| Discharge hood for main conveyor | Pre-heater for diesel engine | |
| 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 | |
| ICr remote process control | | |



See it in 3D at
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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