Metso Lokotrack[®] LT120E[™] Hybrid e-Power mobile jaw crusher for quarries

Lokotrack LT120E is a mobile jaw crusher especially for primary crushing. This hybrid crushing plant with e-Power can be operated by plugging into an external network or by the 420 kVA onboard diesel generator. Combined with LT330D mobile cone crusher the entire process can be powered by electricity and save up to 40% in fuel costs.

2-Step grizzly feeder

Automatic **speed control** (or radio remote) Efficient **material flow** with high stroke vibrating unit **Wear resistant** feeder bottom (rubber as an an option) **3-ways to direct scalped material** with by-pass chute

Hydraulically foldable hopper

Wear resistant curved hopper sides Patented locking mechanism Extensions for more volume

H6,5-7E side conveyor

Discharge on **both sides High discharge height** for stockpile capacity

Main conveyor feed-end cylinder func

Automated cylinder function increases space between crusher and main conveyor during operation and ground clearance during transport

Various e-Power features

Connectivity to external power source, external power grid or generator Main components with electric motor drive (exl. tracks and feeder) Frequency converter for crusher speed adjustment/swing motion Connection plugs for external power

Nordberg[®] C120 jaw crusher

Strong bolted structure Large stroke and kinematics for hard rock Hydraulic setting adjustment Swinging motion for easy cavity clearance

H12-12E or H12-16E main conveyor

Electric driven belt conveyor with steel enforcing Extended conveyor for more discharge height Height-adjustable magnet for metal separation

Fuel-efficient power transmission

Diesel directly connected to a 420 kVA generator Reduced hydraulic oil volume 235 l (59 gal) Electric motor connected via v-belts to crusher flywheel

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

Technical specifications

Feed hopper extensions

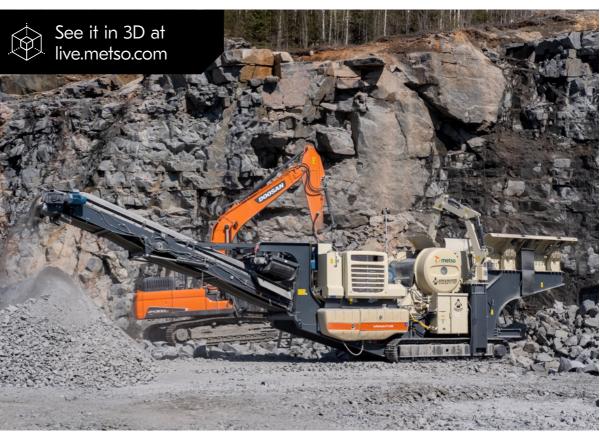
High pressure water spraying

Filter kit

Fuel filling pump

Transport dimensions			
Weight Length Width Height	66,500 kg 16,650 mm 3,200 mm 3,900 mm	147,000 lbs 55' 10' 6" 12' 10"	
Feeder	LT120 feeder		
Hopper volume Width Loading height Loading width	7 m³ / 12 m³ 1,200mm 4,430 mm 2,600 / 4,100 mm	9.2 yd ³ / 15.7 yd ³ 47" 14' 6" 8' 8" / 13' 5"	
Side conveyor	H6.5-7		
Width Length Discharge height	650 mm 7,000 mm 3,000 mm	26" 23' 0" 9' 10"	
Crusher	Nordberg® C120™		
Feed opening Drive type Process control	1,200 x 870 mm Electric IC	47" x 34" Electric IC	
Main conveyor	H12-12E / H12-16E		
Width Length Discharge height	1,200 mm 12,000 / 16,000 mm 3,400 / 4,600 mm	47" 39' 4" / 52' 6" 11' 2" / 15' 1"	
Power unit	CAT® C9.3B, Volvo	D11 / Volvo D13	
Power Fuel /hydr.oil vol.	310 , 315 / 356 kW 630 / 235 l	416, 422 / 477 hp 166 / 59 gal	
Options			
Active Setting Control for cru Additional service platform Automatic lubrication unit Belt protection plate Bypass chute Climate kit (hot/cold) Dischage hood for conveyor Dust encapsulation for conve Extended main conveyor External power supply install	Hydraulic set Interlocking o Magnet for r Metso Metric Oil heater fo s Pre-heater fc eyors Remote IC Remote radio	ting adjustment cable metal separation cs r hydraulic oil or diesel engine o control	

Rock breaker Screen module Side conveyor Special scraper for conveyors



Applications



Road construction

Railroad ballast



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Asphalt and concrete

Combine with

- LT220GP, LT300HP and LT330D cone crushers
- ST2.8E, ST3.8E and ST4.10E mobile screen