Metso Lokotrack[®] LT130E[™] Hybrid mobile crushing plant for large-scale quarry operations

Lokotrack LT130E hybrid mobile jaw crusher with e-Power is a primary crusher for demanding quarrying. It is our largest standard mobile jaw crusher model, with a 1,300 x 1,000 mm feed opening.

Heavy-duty grizzly feeder C130 jaw crusher Horizontal feeder with 3-step grizzly sections Strong bolted structure Design and kinematics for aggressive crushing along the whole length of the cavity Hydraulic setting adjustment Feed hopper Large feed openingn (1,300 x 1,000 mm) Wear resistant hopper sides H14-16E main conveyor Extensions for more volume Hydraulic discharge height adjustment and hydraulic Crusher electric motor drive locking for adjusting the discharge height Electric motor 160 kW connected Enables lowered maintenance position via v-belts to crusher flywheel Electric driven belt conveyor with steel enforcing H8-7E side convevor **Flectric drive** High discharge height for stockpile capacity Various e-Power features **By-pass options** Connectivity to external power source, external power grid or generator 3-ways to direct scalped material Main components with electric motor drive (exl. tracks and feeder) Scalping screen for oversize and Frequency converter for crusher speed adjustment/swing motion undersize material separation Connection plugs for external power Heavy-duty tracks and frame Fuel-efficient Cat C15 / Volvo TAD1385VE power IC process control for connectivity FEM designed structure for optimized weight and lifetime transmission Radio remote for feeder control and tracking Open frame design for easy service access

Agile tracks with **3-speed mode** for turnability and speed

Diesel directly connected to a 500 kVA generator to power electric motors Hydraulic oil tank volume 470 l, 124 gal Radio remote for feeder control and tracking Remote IC app for improved safety and productivity Metso Metrics for remote process monitoring

Technical specifications

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Transport dimensions				
Weight	105,000 kg		230,000 lbs	
Length	23,000 mm		76'	
Width	3,500 mm		11' 6"	
Height	3,850 mm		12' 8"	
Feeder	B13-50-	-3V		
Hopper volume	11 / 23 m ³		14.4 / 30.1 yd ³	
Width	1,300 mm		51"	
Loading height	5,850 / 6,300 mm		19' 2" / 20' 8"	
Loading width	3,300 / 5,100 mm		10' 9" / 16' 9"	
Side conveyor	H8-7E			
Width	800 mm		31"	
Length	7,000 mm		23' 0"	
Discharge height	2,900 mm		9' 6"	
Crusher	Nordbe	erg® C130™		
Feed opening	1,300 x 1,000 mm		51" x 39"	
Drive type	Electric		Electric	
Process control	IC		IC	
Main conveyor	H14-16E			
Width	1,400 mm		55"	
Length	16,000 mm		52' 6"	
Discharge height	3,050 — 4,650 mm		10' 0" — 15' 3"	
Power unit	CAT [®] C	C15, Volvo D1	13 / Volvo D16	
Power	403, 405 / 442 kW		540 hp, 593 hp	
Fuel /hydr.oil vol.	1,200 / 470 l		317 / 124 gal	
Options				
Automatic lubrication unit		Hydraulic Power Takeoff		
Belt protection plate		Hydraulic setting adjustment		
Bypass chute		Interlocking cable		
Climate kit (hot/cold)		Magnet for metal separation		
Dischage hood for conveyors		Metso Metrics		
Dust encapsulation for conveyors		Pre-heater for diesel engine		
Easy-split for transport		Remote IC		
Extended main conveyor		Remote radio control		
External power supply installation		Rock breaker		
Feed hopper extensions		Rubber liners for feeder bottom		
Filter kit		Rubber liners for hopper walls		
Fuel filling pump		Screen module		
High pressure water spraying		Side conveyor		
Hydraulic generator		Special scraper for conveyors		



Applications



Road construction

Railroad ballast



Asphalt and concrete fractions

Combine with

 LT130E is mostly used as a standalone mobile primary crusher