

Metso Lokotrack® LT120™

Efficient mobile jaw crusher for quarries

Lokotrack LT120 mobile jaw crusher is an efficient primary crusher especially suitable for aggregates production in quarries. It can be used in a multistage crushing process or as a stand-alone unit. Despite the large size of Nordberg®C120 crusher, LT120 can still be transported in one piece.

2-step grizzly feeder

Automatic speed control (or via radio remote)
Efficient material flow with high stroke vibrating unit
Wear resistant feeder bottom (rubber as an option)

H6,5-7 Side conveyor

Discharge on both sides
High discharge height for stockpile capacity

By-pass chute for scalped material handling

3-ways to direct scalped material using chute integrated flap gate

Main conveyor feed-end cylinder function

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

Heavy-duty tracks and frame

FEM designed structure for optimized weight and lifetime
Open frame design for easy service access
Agile tracks with 2-speed mode for turnability and speed

Hydraulically foldable hopper

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

C120 jaw crusher

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

H12-12 or H12-16 main conveyor

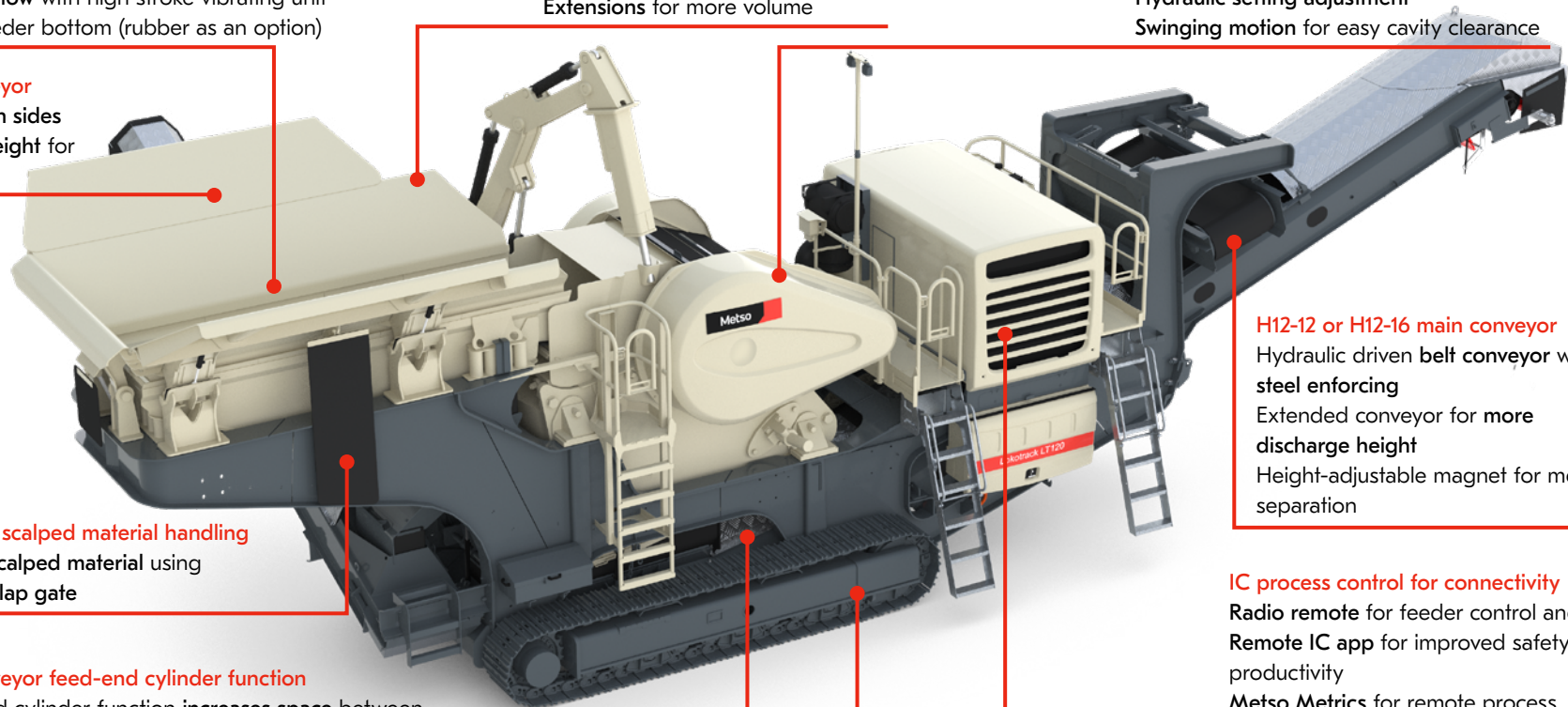
Hydraulic driven belt conveyor with steel enforcing
Extended conveyor for more discharge height
Height-adjustable magnet for metal separation

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 CAT® C9.3B / Volvo TAD1183VE power transmission

Hydraulic crusher drive with high inertia flywheels
Optimized hydraulics efficiency
Reduced hydraulic oil volume 215 l (57 gal)



Technical specifications

Transport dimensions		
Weight	62,600 kg	138,000 lbs
Length	16,650 mm	55'
Width	3,000 mm	9' 10"
Height	3,900 mm	12' 10"
Feeder		
LT120 feeder		
Hopper volume	7 / 12 m ³	9.2 / 15.7 yd ³
Width	1,200mm	47"
Loading height	4,430 mm	14' 6"
Loading width	2,600 / 4100 mm	8' 8" / 13' 5"
Side conveyor		
H6.5-7		
Width	650 mm	26"
Length	7,000 mm	23' 0"
Discharge height	3,000 mm	9' 10"
Crusher		
Nordberg® C120™		
Feed opening	1,200 x 870 mm	47" x 34"
Drive type	Hydraulic	Hydraulic
Process control	IC	IC
Main conveyor		
H12-12 / H12-16		
Width	1,200 mm	47"
Length	12,000 / 16,000 mm	39' 4" / 52' 6"
Discharge height	3,400 / 4,600 mm	11' 2" / 15' 1"
Power unit		
CAT® C9.3B, Volvo D11 / Volvo D13		
Power	310 / 315 / 356 kW	416 / 422 / 477 hp
Fuel /hydr.oil vol.	630 / 215 l	166 / 57 gal
Options		
Active Setting Control for crusher	Hydraulic Power Takeoff	
Automatic lubrication unit	Hydraulic setting adjustment	
Belt protection plate	Interlocking cable	
Bypass chute	Magnet for metal separation	
Climate kit (hot/cold)	Metso Metrics	
Discharge hood for conveyors	Oil heater for hydraulic oil	
Dust encapsulation for conveyors	Pre-heater for diesel engine	
Extended main conveyor	Remote IC	
Feed hopper extensions	Remote radio control	
Filter kit	Rock breaker	
Fuel filling pump	Side conveyor	
High pressure water spraying	Special scraper for conveyors	
Hydraulic generator		



Applications



Road construction



Railroad ballast



Asphalt and concrete fractions

Combine with

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