Metso Lokotrack® LT120™

Efficient mobile jaw crusher for quarries

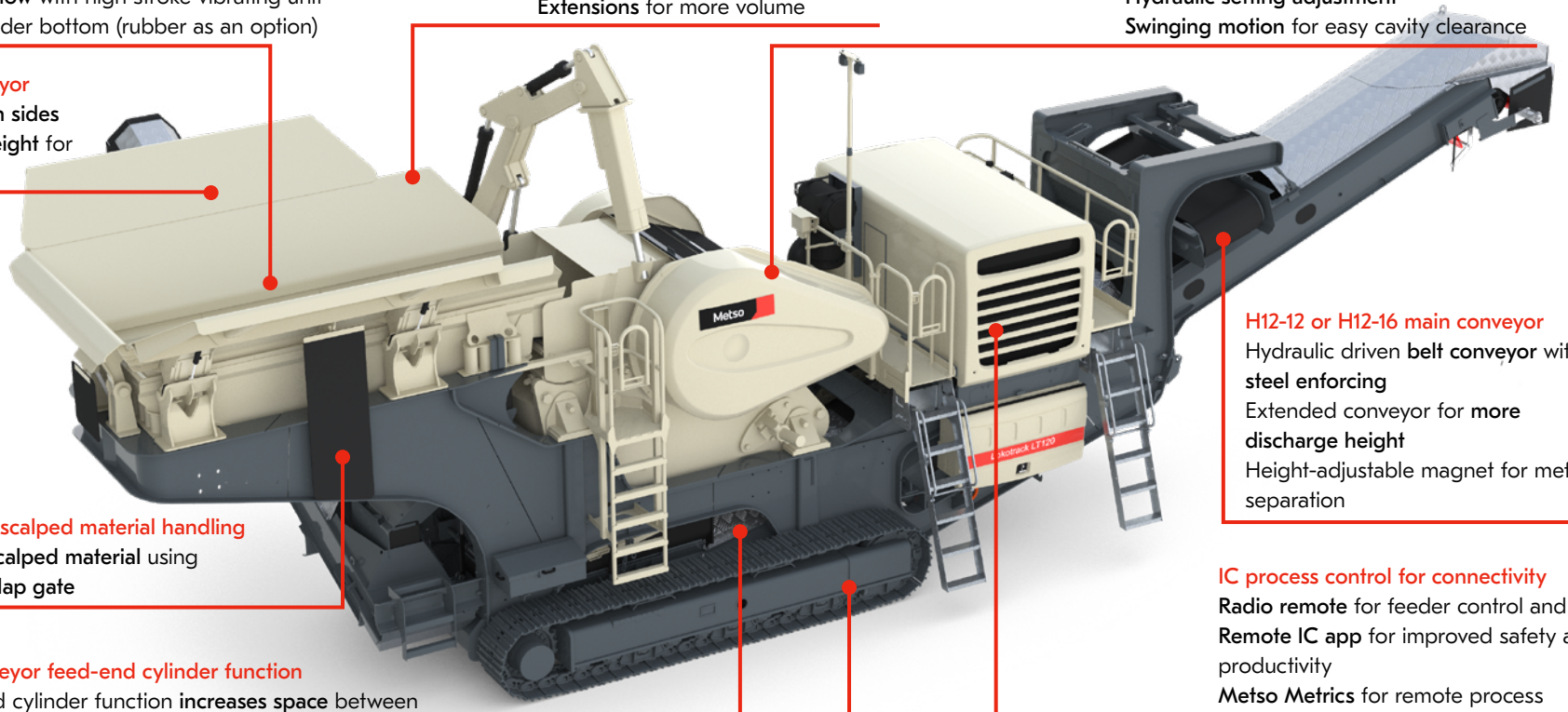
Lokotrack LT120 mobile jaw crusher is an efficient primary crusher especially suitable for aggregates production in quarries. It can be used in a multistage crushing process or as a stand-alone unit. Despite the large size of Nordberg®C120 crusher, LT120 can still be transported in one piece.

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

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

By-pass chute for scalped material handling
3-ways to direct scalped material using chute **integrated flap gate**

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

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

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
- Automatic lubrication unit
- Belt protection plate
- Bypass chute
- Climate kit (hot/cold)
- Dischage hood for conveyors
- Dust encapsulation for conveyors
- Extended main conveyor
- Feed hopper extensions
- Filter kit
- Fuel filling pump
- High pressure water spraying
- Hydraulic generator
- Hydraulic Power Takeoff
- Hydraulic setting adjustment
- Interlocking cable
- Magnet for metal separation
- Metso Metrics
- Oil heater for hydraulic oil
- Pre-heater for diesel engine
- Remote IC
- Remote radio control
- Rock breaker
- Side conveyor
- Special scraper for conveyors



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

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