

# Metso Outotec Lokotrack® LT1110™

## Compact impact crusher on tracks

Lokotrack LT1110 mobile horizontal impactor crusher (HSI) is especially suited for smaller size construction and recycling jobs. It is a compact sized crusher commonly used for crushing limestone and recycled materials such as asphalt, concrete and bricks. A similar model LT1110S™ is a mobile impact crushing plant with screen unit and return conveyor for additional calibrated end-products.

### Hydraulically foldable hopper

Wear resistant curved hopper sides  
Extensions for more volume

### Vibrating 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)

### NP1110M impact crusher

Hydraulically adjusted setting during process  
Wide variety of blowbars for different materials  
Easy-to-use hydraulic opening for safe rotor service

### Efficient TK11-30S hanging screen

Wide screen for high capacity  
Reliable FEM designed structure with optimized G-forces  
Steel and rubber meshes available

### H5-5 telescopic side conveyor

Quick to setup for transport  
High speed for stockpile capacity

### 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® C7.1/C9 power transmission

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

### H10-10 or H10-13 main conveyor

Hydraulic driven belt conveyor with steel enforcing  
Extended conveyor for more discharge height

### IC process control for connectivity

Radio remote for feeder control and tracking  
ICr Connection between multiple units  
Metso Outotec Metrics for remote process monitoring

# Technical specifications

Transport dimensions		
Weight	35,400 kg	78,000 lbs
Length	14,850 mm	48' 9"
Width	2,550 mm	8' 5"
Height	3,400 mm	11' 2"
Feeder		
TK9-42-2V		
Hopper volume	5 / 8 m <sup>3</sup>	6.5 / 11 yd <sup>3</sup>
Width	900 mm	35"
Loading height	3,600 mm	11' 10"
Loading width	2,700 mm	8' 10"
Side conveyor		
H5-5		
Width	500 mm	20"
Length	5,000 mm	16' 5"
Discharge height	2,000 mm	6' 7"
Crusher		
Nordberg® NP1110M™		
Feed opening	1,040 x 930 mm	41" x 37"
Drive type	Direct	Direct
Process control	IC	IC
Main conveyor		
H10-10 / H10-13		
Width	1,000 mm	3' 4"
Length	10,000 / 13,000 mm	32' 10" / (42' 8")
Discharge height	2,900 / 3,900 mm	9' 7" / (12' 10")
Screen		
TK11-30S		
Decks	1	1
Area	3.3 m <sup>2</sup>	3.9 yd <sup>2</sup>
Dimensions	1,100 x 3,000 mm	3' 7" x 9' 10"
Return conveyor	H5-9	H5-9
Power unit		
CAT® C7.1		
Power	225 kW	306 hp
Fuel /hydr.oil vol.	500 / 215 l	130 / 57 gal
Options		
Bypass filter for lubrication/ hydraulic oil	Interlocking cable	
Climate kit (hot/cold)	Magnetic separator	
Discharge hood for conveyors	Metso Outotec Metrics	
Dust encapsulation for conveyors	Oil heater for hydraulic oil	
Extended main conveyor	Pan feeder and scalper	
Feed hopper extensions	Pan feeder under crusher	
Filter kit	Pre-heater for diesel engine	
Fuel filling pump	Remote radio control	
High pressure water spraying	Rubber liners for feeder bottom	
Hydraulic generator	Rubber liners for hopper walls	
Hydraulic Power Takeoff	Screen module	
ICr remote process control	Side conveyor	



## Applications



Concrete, demolition waste



Recycled asphalt



Soft and medium-hard rock

## Combine with

- LT200HP cone crusher
- ST2.3 mobile screen for recycling jobs
- ST3.8 for aggregates production