

Metso LT1110 Specification Sheet

The **Metso Lokotrack® LT1110™** is a compact, track-mounted mobile horizontal shaft impact (HSI) crusher designed for smaller-scale construction and recycling projects. It's commonly used for crushing medium-hard materials like limestone and recycled materials such as asphalt, concrete, and bricks. Below are the key specifications based on available information:

Key Specifications

- **Crushing Unit:** Nordberg® NP1110M™ Horizontal Shaft Impactor
 - Feed opening: 1,040 x 800 mm (41 x 31 inches)
 - Inlet opening: 1,040 x 930 mm (varies slightly by source)
- **Engine:** CAT® C9.3 Tier 3 or C7.1 (fuel-efficient)
 - Power: 224 kW (300 hp)
 - Fuel consumption: 30–35 l/h (LT1110); 35–40 l/h (LT1110S, depending on application)
- **Weight:** 32,000 kg (71,000 lbs)
- **Dimensions** (standard operating configuration):
 - Length: 14.85 m (49 ft 0 in)
 - Width: 2.55 m (8 ft 2 in)
 - Height: 3.40 m (11 ft 2 in)
- **Hopper Capacity:** 5 m³
- **Feeder:** Two-tiered grizzly feeder with bypass chute
- **Screen (LT1110S model):** TK11-30-S (3 m x 1.1 m) single-deck screen with closed-circuit capability and return conveyor (optional on LT1110)
- **Crusher Drive:** Adjustable hydraulic drive
- **Blow Bars:** High-quality, wear-resistant blow bars with a triple wedge attachment system for secure alignment and reduced breakage risk
- **Material Suitability:** Medium-hard rocks (e.g., limestone), recycled materials (asphalt, concrete, bricks)
- **Production Capacity:** High capacity with a high reduction ratio (exact throughput depends on material and settings)

Features and Technology

- **Metso IC™ Process Control System:** Optimizes crushing with one-button start/stop, built-in troubleshooting, and parameter selection. Allows remote monitoring and control via the Metso Remote IC app (Bluetooth-enabled) from the excavator cab.
- **Metso Metrics:** Online monitoring service for off-site process and fleet management, maximizing output and maintenance planning.
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- **Safety and Maintenance:** Extensive platform and easy access to maintenance points for safe and efficient daily operations.
- **Optional Equipment:**
 - Single-deck screen module with return conveyor (standard in LT1110S).
 - Magnetic separator for recycling applications.
 - Vibrating grizzly feeder and foldable hopper for enhanced material handling.
 - Telescopic side conveyor for flexibility.

Applications

- **Primary crushing** of limestone in quarries or recycling materials (asphalt, concrete, bricks).
- **Standalone unit** for limestone or recycling jobs or combined with mobile screens for calibrated end products.
- **Industries:** Aggregates production, recycling, smaller construction projects.

Notes

- The **LT1110S** variant includes an integrated screen and return conveyor for additional calibrated end products.