

J-1170+

JAW CRUSHER



STRONG **HERITAGE**, STRONG **FUTURE**



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The second-generation Finlay® J-1170+ jaw crusher has been designed to excel in the most demanding applications, including aggregates, mining, construction demolition waste and recycling industries.

The heartbeat of the machine is a robust hydrostatically driven Terex 1100mm X 700mm (44" x 28") jaw chamber which provides high capacity with large reduction ratios. The jaw chamber features hydraulic assist closed side setting functionality and can be configured specifically for either processing construction demolition debris (HR) or quarrying and mining applications (HA).

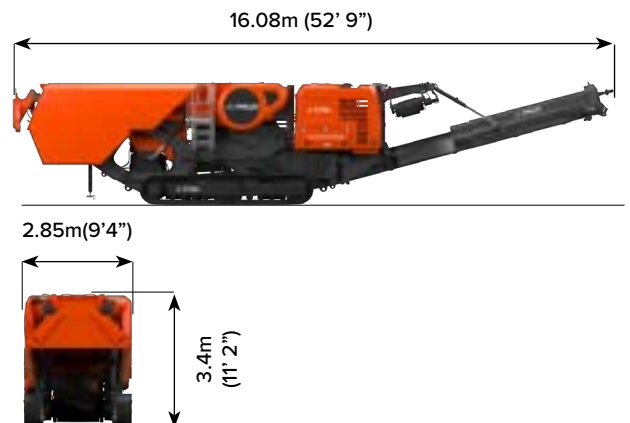
The J-1170+ features a heavy duty variable speed VGF and integrated pre-screen giving excellent production throughput in quarrying, mining, demolition and recycling applications.

Notable options include a variable speed pan feeder along with an independent pre-screen system. Its compact size, quick set up times, ease of transport and user friendly operational features make the J-1170+ ideal for all owner operators and contractors.

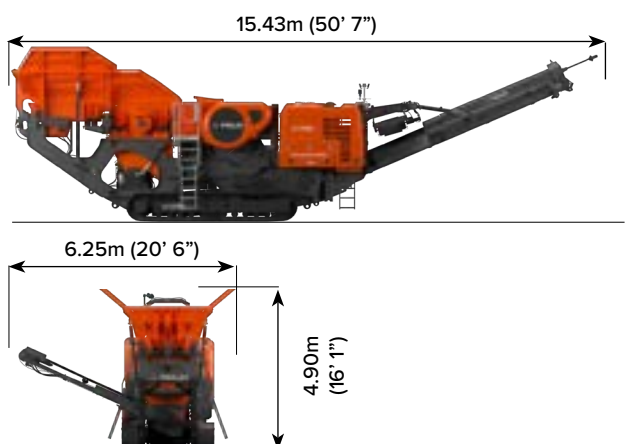
FEATURES:

- The robust high performance hydrostatically driven single toggle jaw chamber provides high capacity with large reduction ratios.
- Automatic variable speed VGF ensures continuous choke feeding of the crushing chamber for optimal productivity.
- High powered hydrostatic drive ensures precise chamber control and reverse functionality for clearing blockages and assisting in demolition and recycling applications.
- Hydraulically assisted closed side setting adjustment minimises downtime and offers quick adjustment.

TRANSPORT DIMENSIONS



WORKING DIMENSION



MACHINE WEIGHT: 48,900kg (107,806lbs)
(with HA chamber,VGF, single pole magnet,
by-pass conveyor and standard main conveyor)

1. HOPPER/FEEDER

Hopper capacity: 10m³ (13yd³)
 Feed height at rear (without hopper extensions): 4.33m (14' 2")
 Feed width at rear (without hopper extensions) 2.48m (8' 2")
 Locking mechanism: hydraulic with ground level strut locking
 Vibrating Grizzly feeder (VGF): 1.06m wide x 4.20m long

2. BY-PASS CONVEYOR (OPTIONAL)

Belt Width: 650mm (26")
 Working Angle: 22°
 Hydraulically folds for transport
 Discharge height (side conveyor): 2.19m (7' 2")
 Stockpile capacity: 36.3m³ (47.5yds³) @ 40°

3. JAW CRUSHER

Terex 1100mm X 700mm chamber single toggle jaw crusher
 Inlet width: 1100mm (44")
 Inlet gape: 700mm (28")
 Under jaw clearance: 510mm (20")
 Drive arrangement: Hydrostatic
 Maximum Closed Side Settings (CSS): 150mm (6")
 Minimum Closed Side Settings (CSS): 50mm (2") - application dependent. 75mm (3") Quarry application
 Reverse action for clearing blockages
 Hydraulic assist closed side setting standard

4. UNDERCARRIAGE

Shoe Width: 500mm (20")
 Two Speed Tracking with 'soft start'
 Gradeability: 25°

5. PLATFORMS

Catwalk access to both the left and right hand side and the rear of the jaw chamber and to both sides of the engine enclosure
 Compact folding for transport

6. MAGNET (OPTIONAL)

Belt Width: 750mm (30")
 Drive: Hydraulic

7. MAIN CONVEYOR

Belt Width: 1m (40")
 Working Angle: 23°
 Speed: 115 m/min nominal
 Discharge Height: 3.9m (12' 10") with standard conveyor
 Impact bars and wear resistant liners at feed point
 Standard Stockpile capacity: 44.3m³ (58yds³) @ 40°



T-LINK TELEMATICS

T-Link telematics hardware and software along with free seven year data subscription are fitted and installed as standard.





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