

 **TEREX** | **FINLAY**

J-1175

 **DUAL POWER** 

JAW CRUSHER



WORKS FOR YOU.™

J-1175 DUAL POWER

The dual powered Terex Finlay J-1175 jaw crusher offers operators the flexibility to power the plant either by mains electric connection or the onboard genset powerpack configuration. Either power option presents operators with significant power, servicing and maintenance cost savings in direct comparison to a diesel/hydraulic powered plant.

The plant incorporates the robust Terex® JW42 high performance electrically driven single toggle jaw chamber and a heavy duty VGF feeder to give optimum production in quarrying, mining, demolition and recycling applications.

Additional benefits include, rapid set up time, ease of maintenance, high reduction ratio, high output capacity and advanced electronic control system.

STANDARD FEATURES

Engine:

Tier 2 / Stage II Equivalent: Scania DC9 350hp (257kW)

Tier 4F / Stage IV: Scania DC9 350hp (257kW)

Jaw Chamber:

Terex® JW42 1070mm x 762mm (42" x 30") single toggle jaw crusher

Electric drive and advanced electronic control system

Fully hydraulically adjustable closed side setting

Reversible operation for clearing blockages

S tooth liners Standard - 18% Manganese as standard

Hopper/Feeder:

Hopper capacity: 9m³ (11.7 yd³)

Hydraulically folding hopper sides

Heavy duty vibrating feeder

Integrated pan and feeder - cassette is 75mm spacing as standard

Selectable discharge to by-pass conveyor or main conveyor

Mesh aperture on grizzly feeder: 38mm (1.5")

Electrical Specification

Main Conveyor: 2 x 5.5 kW Motors

Magnet: 1.5kW Motors

By-Pass Conveyor: 4 kW Motors

Hydraulic Pump: 55 kW

(Tracking, Pre-Screen, Feeder, Folding)

Crusher Motor: 110 kW controlled via VSD (Variable Speed Drive)

(Speed Control, Ability to run in Reverse, Unblock Feature)

Main Conveyor:

1000mm wide main belt fitted with impact bars at feed point

High spec scraper at head drum

Piped for dust suppression complete with spraybars

Hopper / Feeder

- ▶ Hopper capacity: 9m³ (11.7yd³)
- ▶ Hydraulically folding sides and rear
- ▶ VGF grizzly aperture: 75mm (Options 50mm/100mm/125mm)

Chassis

- ▶ Robust, heavy duty chassis

Platforms

- ▶ Catwalk access on both sides of the machine with access to both sides of the powerunit
- ▶ Compact folding for transport

Jaw Chamber

- ▶ Inlet width: 1070mm (42")
- ▶ Inlet gap: 760mm (30")
- ▶ Reverse action for clearing blockages
- ▶ Full hydraulic closed side setting adjust

Magnet

- ▶ Optional

By-pass conveyor (optional)

- ▶ Belt Width: 650mm (26")
- ▶ Hydraulically folds for transport
- ▶ Standard Discharge Height: 2.1m (7')
- ▶ Stockpile capacity: 13.8m³ (18yd³) @ 40°

Undercarriage

- ▶ Bolt on tracks
- ▶ Shoe Width: 500mm (20")
- ▶ Sprocket Centres: 3.78m (12' 5")
- ▶ Two Speed Tracking with 'soft start':

Features:

- ▶ The plant's electrically driven power systems provide significant cost advantages and efficiencies.
- ▶ Superior performance in dusty applications and in high altitude environments.
- ▶ Automatic variable speed VGF ensures continuous choke feeding of the crushing chamber for optimal productivity.
- ▶ High powered electric drive ensures precise chamber controls and reverse functionality for clearing blockages and assisting in demolition and recycling applications.

Powerpack

- ▶ Tier 2 / Stage II Equivalent: Scania DC9 350hp (257kW)
Engine Power: 350hp (261 kW)
Engine Speed: 1500 rpm
- ▶ Tier 4F: Stage IV: Scania DC9 77A
Engine Power: 350hp (257 kW)
Engine Speed: 1500 rpm



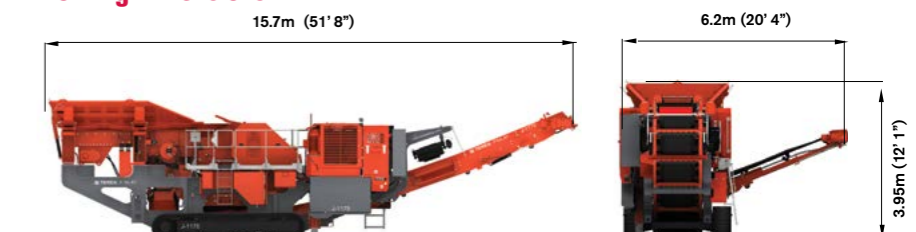
 DUAL POWER 

Machine Weight: 54,300kg (119,711lbs)
(without by-pass conveyor and magnet options)
56,500kg (124,561lbs)
(with by-pass conveyor and magnet options)

Transport Dimensions



Working Dimensions



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