

# **JAW CRUSHER**



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# J-1175

The Terex Finlay J-1175 is a high performance tracked mobile jaw crusher. Incorporating the Terex Jaques JW42 jaw crusher and a heavy duty VGF feeder the Finlay J-1175 gives optimum production in a range of applications.

Its compact size, quick set up times, ease of transport and simple maintenance make the Terex Finlay J-1175 ideal for quarrying, mining, demolition and recycling applications.

## STANDARD FEATURES

### Engine:

Tier 3 / Stage 3A: Caterpillar C9 Acert 261kW (350hp) water cooled diesel engine

Tier 4i / Stage 3B: Scania DC9 83A 257kW (350hp) water cooled diesel engine

### Jaw Chamber:

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

Hydrostatic 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: 9m<sup>3</sup> (11.7 yd<sup>3</sup>)

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")

### 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

### General:

Piped for overband magnet

Separate central operators panel

Standard toggle setting 590mm

Galvanised catwalk c/w handrail, kick board and access ladders

Heavy duty undercarriage unit with 500mm wide pads

Hand held track control set with connection lead

Two speed tracks with 'soft start'

Safety guards in compliance with machinery directive

Emergency stops

### Powerunit

- ▶ Tier 3 / Stage 3A: Caterpillar C9 Acert 261kW (350hp)
- ▶ Tier 4i / Stage 3B: Scania DC9 83A 257kW (350hp)
- ▶ Hydrostatic transmission
- ▶ Electronic control system
- ▶ Catwalk access

### Main Conveyor

- ▶ Belt width: 1000mm (40")
- ▶ Discharge height: 3.6m (12' 0")
- ▶ Discharge option: 4m (13' 2") illustrated
- ▶ Hydraulic folding for transport

## Features:

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



### Jaw Chamber

- ▶ Inlet opening: 1070mm x 762mm (42" x 30")
- ▶ Hydrostatic Drive with reverse feature for clearing blockages
- ▶ Full hydraulic CSS and drawback bar

### Platforms

- ▶ Powerunit and chamber access

### Hopper and Feeder

- ▶ Hopper capacity: 9m<sup>3</sup> (11.7yd<sup>3</sup>)
- ▶ Heavy duty vibrating feeder with integrated pre-screen
- ▶ Hydraulically folding

### Chassis

- ▶ Robust, heavy duty chassis

### By-pass conveyor (optional)

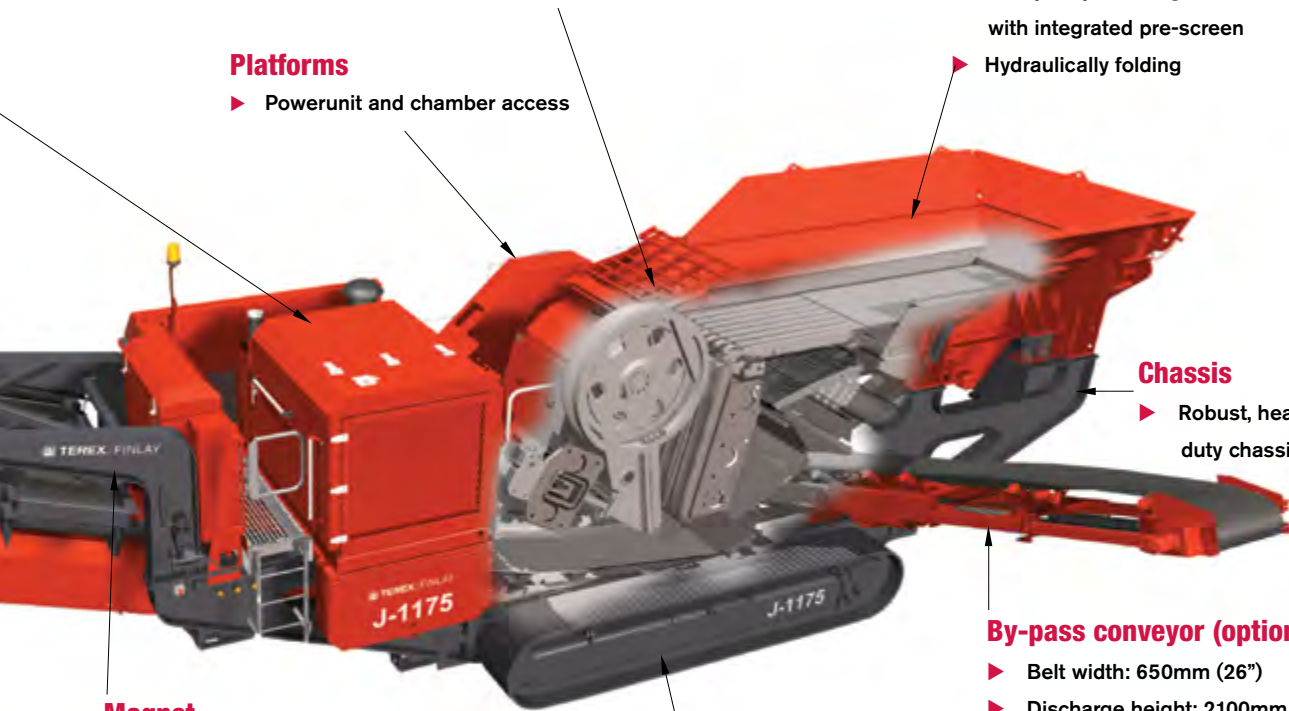
- ▶ Belt width: 650mm (26")
- ▶ Discharge height: 2100mm (6' 10")
- ▶ 2.9m (9' 6") discharge option available

### Tracks

- ▶ Shoe width: 500mm (20")
- ▶ Sprocket centres: 3780mm (12' 5")

### Magnet

- ▶ Optional



### Transport Dimensions



### Working Dimensions



### Maximum Plant Capacity:

Tph\*\*  
475

Stph\*\*  
524

\*\*Material is based on Limestone with bulk density 1.6T/m<sup>3</sup>. Where available optional Pre-screen is used. Maximum capacity uses optimal mesh sizes and material conditions.

Machine Weight: 51,300kg (113,096lbs)  
(without by-pass conveyor and magnet options)  
53,500kg (117,946lbs)  
(with by-pass conveyor and magnet options)

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