



# JAW CRUSHER



**J-1175**  
f YouTube

**WORKS FOR YOU.™**



## 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 IIIA : Caterpillar C9 Tier 3 ACERT. 261kW (350hp)

Stage IIIA Constant Speed: Scania DC09 273kW (365hp)

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

#### 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:

1m wide main belt fitted with impact bars at feed point

High spec scraper at head drum

Piped for dust supression complete with spraybars

Separate central operators panel

#### GENERAL:

Piped for overband magnet

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

#### Main Conveyor

- ▶ Belt Width: 1m (40")
- ▶ Belt Spec: Plain
- ▶ Working Angle: 22°
- ▶ Speed: 100 m/min nominal
- ▶ Discharge Height: 3.6m (11' 10") with standard conveyor
- ▶ Optional extended conveyor discharge height: 4m (13' 2"), incorporates folding head section for transport
- ▶ Hydraulic raise/lower of head section for service access
- ▶ Impact bars and wear resistant liners at feed point
- ▶ High spec scraper at head drum
- ▶ Tail section raises hydraulically to increase clearance when tracking
- ▶ Dust suppression: fitted with hose and spraybars as standard (no pump supplied)
- ▶ Stockpile capacity: 69.4m<sup>3</sup> (90.8yd<sup>3</sup>) @ 40°
- ▶ Optional Extended Stockpile capacity: 95.2m<sup>3</sup> (124.5yd<sup>3</sup>) @ 40°

#### Magnet

- ▶ Optional

#### Platforms

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

#### Jaw Chamber

- ▶ Terex JW42 Chamber single toggle jaw crusher
- ▶ Inlet width: 1070mm (42")
- ▶ Inlet gape: 760mm (30")
- ▶ Under jaw clearance: 460mm nominal
- ▶ Drive arrangement: Hydrostatic
- ▶ Maximum Closed Side settings: 145mm (5¾") (subject to toggle selection)
- ▶ Minimum Closed Side Settings (CSS): 45mm (1 ¾")
- ▶ Demolition and Recycle applications. 75mm (3")
- ▶ 'Hard-Rock' Quarry application, 60mm (2 1/2") 'Soft-Rock' Quarry application
- ▶ Reverse action for clearing blockages
- ▶ Full hydraulic closed side setting adjust
- ▶ Standard Liner Profile: S-Tooth (18% Manganese)

#### Hopper / Feeder

- ▶ Hopper capacity: 9m<sup>3</sup> (11.7yd<sup>3</sup>)
- ▶ Feed height VGF: 3.98m (12' 11")
- ▶ Feed height Prescreen: 4.12m (13' 6")
- ▶ Material: 12mm (1/2") wear resistant steel
- ▶ Feed width at rear VGF: 2.67m (8' 9")
- ▶ Feed width at rear Prescreen: 2.65m (8' 8")
- ▶ Locking mechanism: manual

#### Chassis

- ▶ Robust, heavy duty chassis

### 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.

#### Powerpack

- ▶ Tier 3 / Stage IIIA: Caterpillar C9 Acert  
Engine Power: 261kW (350hp)  
Engine Speed: 1900 rpm
- ▶ Stage IIIA Constant Speed: Scania DC09  
Engine Power: 273kW (365hp)  
Engine Speed: 1800 rpm
- ▶ Tier 4F / Stage IV: Scania DC09  
Engine Power: 257kW (350hp)  
Engine Speed: 1900 rpm

#### Undercarriage

- ▶ Bolt on tracks
- ▶ Shoe Width: 500mm (20")
- ▶ Sprocket Centres: 3.78m (12' 5")
- ▶ Two Speed Tracking with 'soft start':
- ▶ Speed: 1.6 km/h (Maximum Speed)
- ▶ Gradeability: 25°

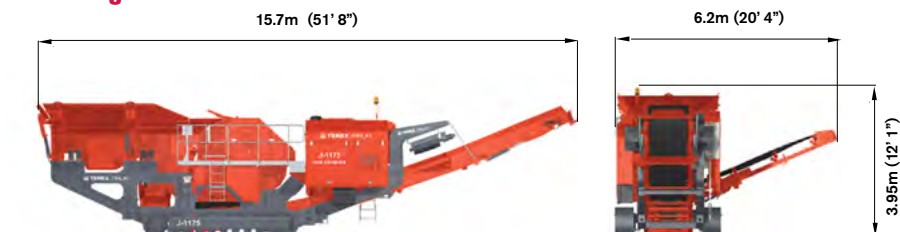
#### By-pass conveyor (optional)

- ▶ Belt Width: 650mm (26")
- ▶ Belt Spec: Plain
- ▶ Working Angle: 22°
- ▶ Speed: (varies dependant upon machine configuration)
- ▶ Universal mounting to left or right hand side- (Specify at time of order)
- ▶ Hydraulically folds for transport
- ▶ Standard Discharge Height: 2.1m (7')
- ▶ Stockpile capacity: 13.8m<sup>3</sup> (18yd<sup>3</sup>) @ 40°
- ▶ Optional extended discharge height: 2.9m (9' 6")
- ▶ Extended Stockpile capacity: 36.3m<sup>3</sup> (47.5yd<sup>3</sup>) @ 40°

#### Transport Dimensions



#### Working Dimensions

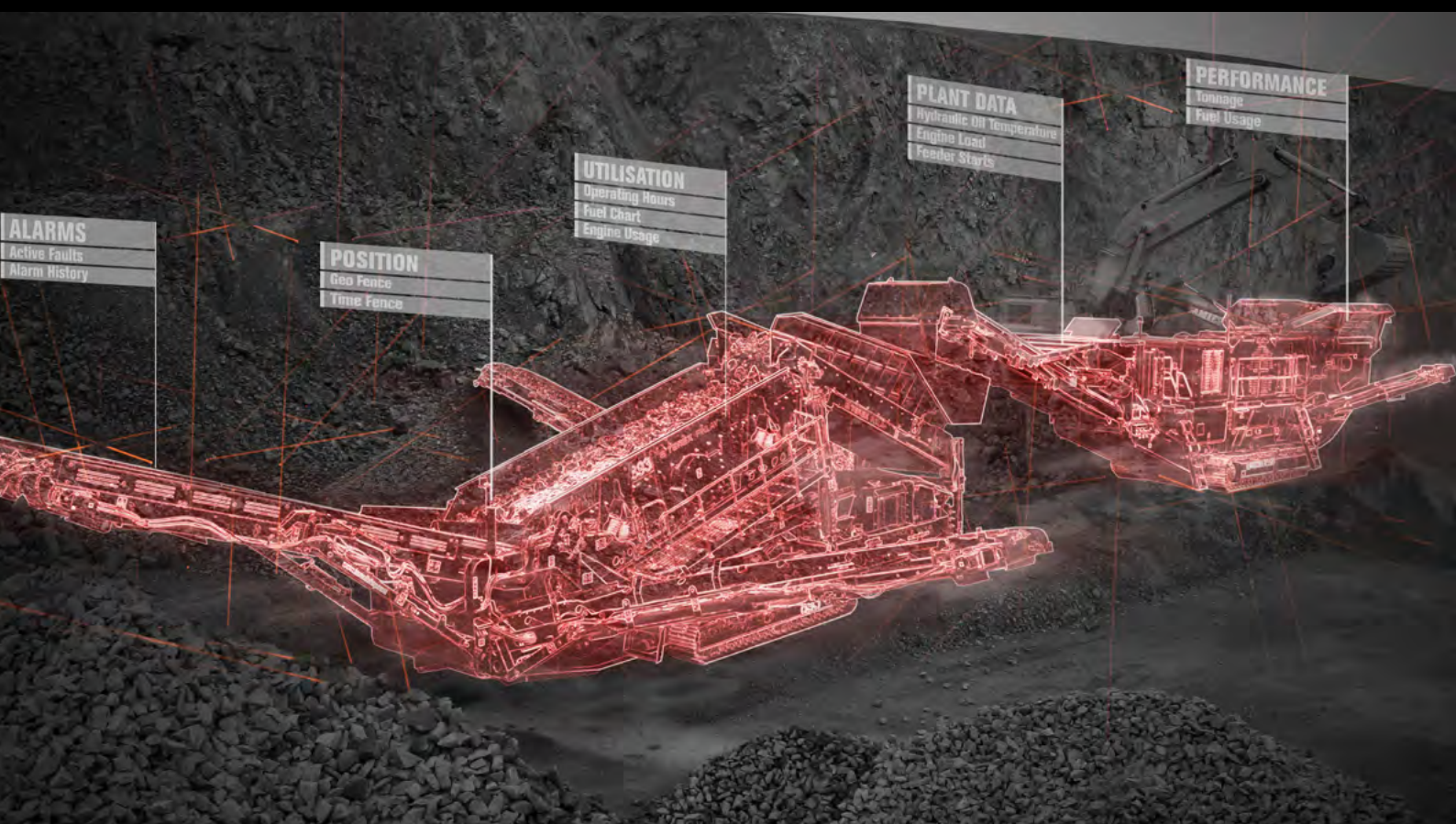


Machine Weight: 50,360kg (111,025lbs)  
(VGF, without by-pass conveyor and magnet options)  
52,360kg (115,434lbs)  
(VGF, with by-pass conveyor and magnet options)





## FLEET MANAGEMENT SYSTEM



**FOR FURTHER INFORMATION CONTACT:**

**E. [finlay.tlink@terex.com](mailto:finlay.tlink@terex.com)**

Follow Us:



**[www.terexfinlay.com](http://www.terexfinlay.com)**

Effective February 2017. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex USA LTD. makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex® is a registered trademark of Terex Corporation in the USA and many other countries. Copyright 2010 Terex USA Ltd.



**TEREX® | FINLAY**

**WORKS FOR YOU.™**