



JAW CRUSHER



J-1160
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WORKS FOR YOU.™

J-1160

The Terex Finlay J-1160 is a compact and aggressive tracked mobile primary jaw crusher. Incorporating the Terex Jaques JW40 jaw crusher a heavy duty VGF feeder and an integrated prescreen system the Terex Finlay J-1160 gives optimum production in quarrying, mining, demolition and recycling applications.

Its compact size, quick set up times, ease of transport and user friendly operational features make the Finlay J-1160 ideal for all sized operators.

STANDARD FEATURES ENGINE:

Stage IIIA Constant Speed: John Deere 6068 212kW (284hp)

Tier 4 Final: CAT 7.1 205kW (275hp)

JAW CHAMBER:

Terex 1000 x 600mm (40" x 24") single toggle jaw crusher hydrostatically driven

Fully hydraulically adjustable closed side setting

S tooth liners - 18% Manganese as Standard

HOPPER/FEEDER:

Stepped Grizzly feeder with integral pre-screen, standard 50mm spacing

Selectable discharge to by-pass conveyor or main conveyor

Mesh aperture on grizzly feeder: 30mm

MAIN CONVEYOR:

Belt width: 900mm (36") fitted with impact bars at feed point

Piped for over band magnet

CLIMATE SPEC:

Standard oils - (Recommended for ambient temperatures between -5 to +30°C)

DUST SUPRESSION:

Piped for dust supression complete with spraybars

ELECTRICAL:

Emergency stops

Handheld track control set with connection lead

T-Link Telemetry System fitted c/w 3 years data subscription

GENERAL:

Safety guards in compliance with machinery directive

Single speed tracks

Separate central operators panel



Hopper and Feeder

- ▶ Hopper capacity: 5m³ (6.5yd³)
- ▶ Feed height with standard hopper: 3.4m (11' 2")
- ▶ Feed height with standard hopper and extensions: 3.7m (12' 1")
- ▶ Material: 8mm wear resistant steel
- ▶ Feed width at rear with standard hopper: 2m (6' 6")
- ▶ Feed width at rear with standard hopper and extensions: 2.8m (9' 2")
- ▶ **Vibrating Grizzly feeder (VGF)**
- ▶ VGF grizzly aperture: 50mm (Option of 75mm)
- ▶ VGF wire mesh aperture: 30mm (Other options available upon request)
- ▶ VGF Speed range: variable, 450-850 rpm
- ▶ Hopper extensions (Optional): 8m³ (10.4yd³) with extensions
- ▶ Hopper Extensions hydraulic folding and hydraulic locking

Jaw Chamber

- ▶ Terex chamber single toggle jaw crusher
- ▶ Inlet width: 1000mm (40")
- ▶ Inlet gape: 600mm (24")
- ▶ Under jaw clearance: 540mm nominal
- ▶ Drive arrangement: Hydrostatic with full reverse crush capability
- ▶ Maximum Closed Side Settings (CSS): 145mm (5 45/64")
- ▶ Minimum Closed Side Settings (CSS): 40mm (1 1/2") Demolition and Recycling applications. 50mm (1 31/32") quarry application
- ▶ Reverse action for clearing blockages
- ▶ Deflector plate - optional
- ▶ Full hydraulic closed side setting adjust
- ▶ Standard Liner Profile: S-Tooth (18% Manganese)

Main Conveyor

- ▶ Belt Width: 900mm (36")
- ▶ Belt Spec: Plain
- ▶ Working Angle: 25°
- ▶ Speed: 130 m/min nominal
- ▶ Discharge Height: 3.5m (11' 5")
- ▶ Impact bars and wear resistant liners at feed point
- ▶ High spec scraper at head drum
- ▶ Dust suppression: fitted with hose and spraybars as standard (nopump supplied)
- ▶ Standard Stockpile capacity: 60m³ (78yd³) @40°

By-pass conveyor (optional)

- ▶ Belt Width: 650mm (26")
- ▶ Belt Spec: Plain
- ▶ Working Angle: 22°
- ▶ Speed: 80 m/min
- ▶ Hydraulically folds for transport
- ▶ Standard Discharge Height: 2.1m (6' 10")
- ▶ Stockpile capacity: 12m³ (15.7yds³) @ 40°

Features:

- ▶ The robust high performance hydrostatic 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 adjustable closed side setting minimises downtime and offers quick adjustment.

Platforms

- ▶ Galvanised catwalks and ladders for full maintenance and service access
- ▶ Catwalks on left hand side of the machine with access to both sides of the powerunit
- ▶ Compact folding for transport - Optional RHS Platform

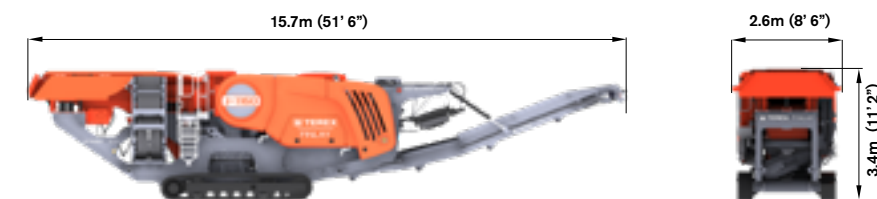
Undercarriage

- ▶ Shoe Width: 400mm (16")
- ▶ Sprocket Centres: 3.24m (10' 7")
- ▶ Dual speed tracking with 'soft start'
- ▶ Speed: 1.0 km/h
- ▶ Gradeability: 30°

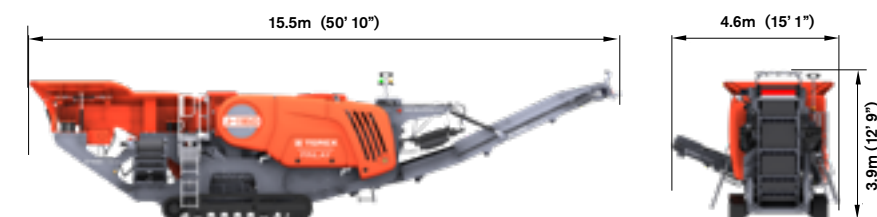
Powerpack

- ▶ Tier 3 / Stage IIIA: John Deere 6068 Engine Power: 212kW (284hp) Engine Speed: 1800 rpm
- ▶ Tier 4F / Stage IV: Caterpillar C7.1 Engine Power: 205kW (275hp) Engine Speed: 1800 rpm

Transport Dimensions



Working Dimensions



Machine Weight: *35,350kg (77,930lbs)
* with twin pole magnet, dirt conveyor and hopper extensions

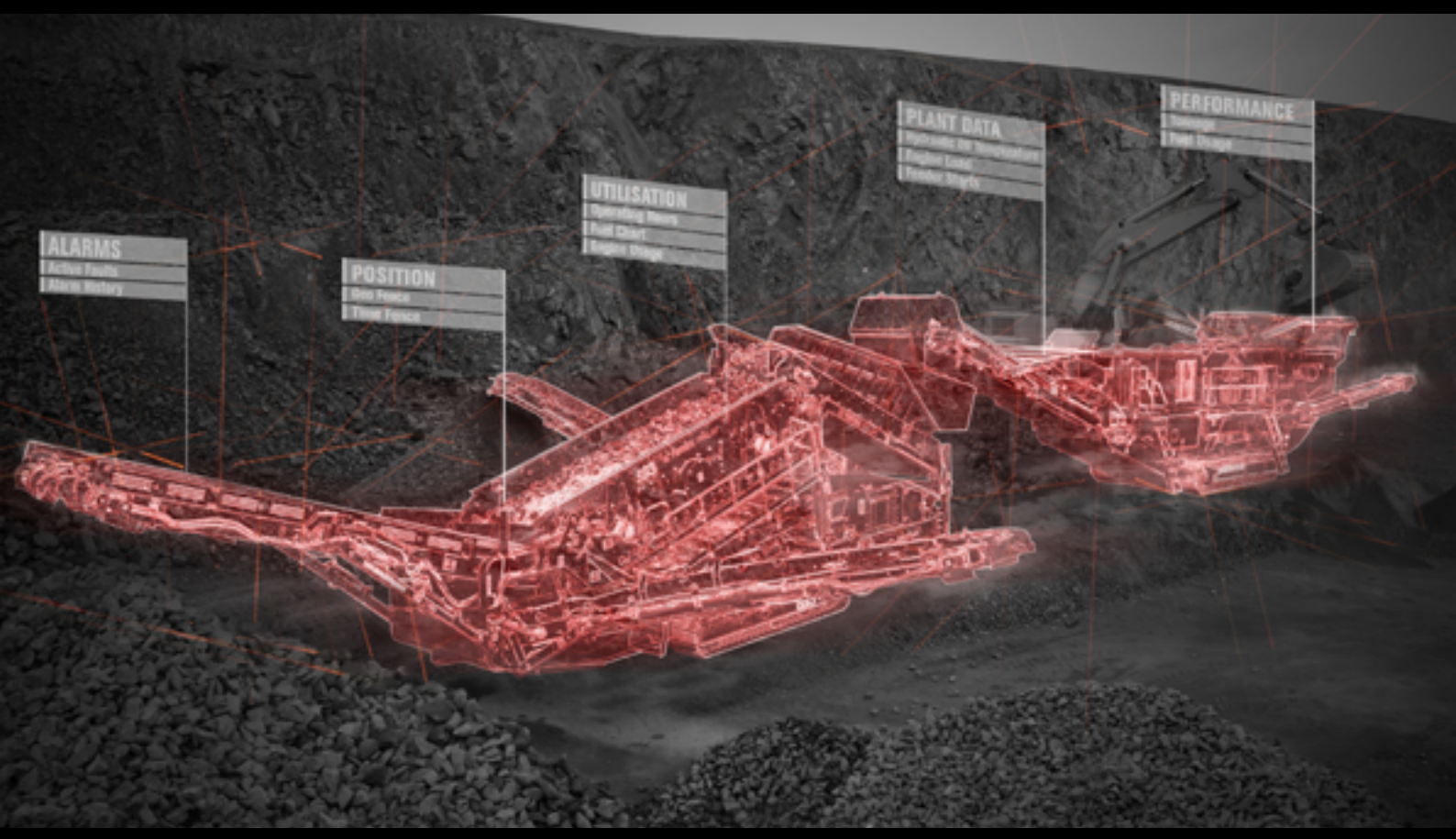
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T-LINK™

FLEET MANAGEMENT SYSTEM



FOR FURTHER INFORMATION CONTACT:

E. finlay.tlink@terex.com

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