

JAW CRUSHER



J-1175

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: 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")

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

Features:

- ► 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: 69.4m³ (90.8vd³) @ 40°
- ▶ Optional Extended Stockpile capacity: 95.2m³ (124.5yd³) @ 40°

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

High powered hydrostatic drive ensures precise chamber

controls and reverse functionality for clearing blockages and

Fully hydraulic closed side setting minimises downtime and

feeding of the crushing chamber for optimal productivity.

assisting in demolition and recycling applications.

offers quick adjustment.

Magnet

Optional

Catwalk access on both sides of the machine with access to both sides of the powerunit

Jaw Chamber

Inlet width: 1070mm (42")

Inlet gape: 760mm (30")

Terex JW42 Chamber single toggle jaw crusher

Minimum Closed Side Settings (CSS): 45mm (1 3/4")

Demolition and Recycle applications. 75mm (3")

Standard Liner Profile: S-Tooth (18% Manganese)

Maximum Closed Side settings: 145mm (5¾") (subject to toggle selection)

'Hard-Rock' Quarry application, 60mm (2 1/2") 'Soft-Rock' Quarry application

Undercarriage

Gradeability: 25°

Shoe Width: 500mm (20")

Sprocket Centres: 3.78m (12' 5")

Two Speed Tracking with 'soft start':

Speed: 1.6 km/h (Maximum Speed)

Bolt on tracks

Under jaw clearance: 460mm nominal

Reverse action for clearing blockages

Full hydraulic closed side setting adjust

Drive arrangement: Hydrostatic

Compact folding for transport

Tier 3 / Stage IIIA: Caterpillar C9 Acert

Stage IIIA Constant Speed: Scania DC09

Engine Power: 261kW (350hp)

Engine Power: 273kW (365hp)

Tier 4F / Stage IV: Scania DC09

Engine Power: 257kW (350hp)

Engine Speed: 1900 rpm

Engine Speed: 1800 rpm

Engine Speed: 1900 rpm

Platforms



- 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

Hopper / Feeder

► Hopper capacity: 9m³ (11.7yd³)

Locking mechanism: manual

► Feed height VGF: 3.98m (12' 11")

Feed height Prescreen: 4.12m (13' 6")

Feed width at rear VGF: 2.67m (8' 9")

Hydraulically folding sides and rear

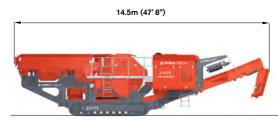
Material: 12mm (1/2") wear resistant steel

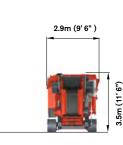
Feed width at rear Prescreen: 2.65m (8' 8")

▶ VGF Speed range: variable, 450-850 rpm

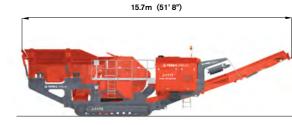
- Standard Discharge Height: 2.1m (7')
- Stockpile capacity: 13.8m3 (18vd3) @ 40°
- Optional extended discharge height: 2.9m (9' 6")
- Extended Stockpile capacity: 36.3m³ (47.5yd³) @ 40°

Transport Dimensions



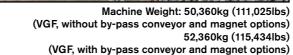


Working Dimensions





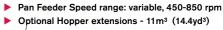








TEREX FINLAY



Chassis

Robust, heavy duty chassis

▶ Vibrating Grizzly feeder (VGF): 1.05m wide x 4.25m long

VGF grizzly aperture: 75mm (Options 50mm/100mm/125mm)

▶ VGF wire mesh aperture: 38mm (Other options available upon request)

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