JAW CRUSHER



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.

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

Main Conveyor

- Belt Width: 900mm (36")
- Belt Spec: Plain
- Working Angle: 22°

Features:

- Speed: 110 m/min nominal
- Discharge Height: 3.3m (10' 10")
- Impact bars and wear resistant liners at feed point
- High spec scraper at head drum
- Dust suppression: fitted with hose and spraybars as standard (no pump supplied)

The robust high performance hydrostatic driven single toggle jaw

Automatic variable speed VGF ensures continuous choke feeding

High powered hydrostatic drive ensures precise chamber controls

and reverse functionality for clearing blockages and assisting in

Fully hydraulic adjustable closed side setting minimises downtime

chamber provides high capacity with large reduction ratio's.

of the crushing chamber for optimal productivity.

demolition and recycling applications.

and offers quick adjustment.

► Standard Stockpile capacity: 53.4m³ (70yd³)@40°

Jaw Chamber

- ▶ Terex JW40 chamber single toggle jaw crusher
- Inlet width: 1000mm (40")
- ▶ Inlet gape: 660mm (26")
- ▶ Under jaw clearance: 465mm nominal
- Drive arrangement: Hydrostatic
- Maximum Closed Side Settings (CSS): 135mm (5 1/2 ")
- Minimum Closed Side Settings (CSS): 40mm (1 1/2 ") Demolition and Recycle applications. 75mm (3") 'Hard-Rock' Quarry application, 60mm (2 1/2") 'Soft-Rock' Quarry application
- Reverse action for clearing blockages
- Deflector plate optional
- Full hydraulic closed side setting adjust



- By-pass conveyor (optional) ▶ Belt Width: 650mm (26")
- ▶ Belt Spec: Plain
- Working Angle: 22°
- ▶ Speed: 50 60 m/min
- Hydraulically folds for transport
- ► Standard Discharge Height: 2m (6'8")
- ► Stockpile capacity: 11.4m³ (15.6yds³) @ 40°
- Optional extended discharge height: 2.8m (9' 2")
- Extended Stockpile capacity: 32.6m3 (42.6yds3) @ 40°

Speed: 1.1 km/h

Undercarriage

► Sprocket Centres: 3.28m (10' 9")

Transport Dimensions

▶ Shoe Width: 400mm (16")

Hopper and Feeder

► Hopper capacity: 5m³ (6.5vd³)

Material: 10mm wear resistant steel

► Vibrating Grizzly feeder (VGF)

► Feed height with standard hopper: 3.40m (11'2")

▶ VGF grizzly aperture: 50mm (Option of 75mm)

VGF Speed range: variable, 450-850 rpm

► Hopper extensions (Optional): 8m³ (10.4yd³)

Feed width at rear with standard hopper: 1.73m (5'8")

Hopper Extensions hydraulic folding and manual locking

Feed height with standard hopper and extensions: 3.82m (12' 6")

Feed width at rear with standard hopper and extensions: 2.38m (7' 10")

▶ VGF wire mesh aperture: 30mm (Other options available upon request)

- Single tracking speed with 'soft start'

► Gradeability: 25°

14.1m (46' 3")

Hopper/Feeder:

Jaw Chamber:

Hopper Capacity: 5m3 (6.5yd3)

STANDARD FEATURES

Heavy duty vibrating feeder

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

Tier 3 / Stage 3A: Caterpillar C9 Acert 224kW (300hp) water cooled

Terex 1000mm x 660mm (40" x 26") single toggle jaw crusher

Hydrostatic drive and advanced electronic control system

Tier 4i / Stage 3B: Scania DC9 80A 202kW (275hp)

Fully hydraulically adjustable closed side setting

Reversible operation for clearing blockages

S tooth liners - 18% Manganese as Standard

Selectable discharge to by-pass conveyor or main conveyor

Mesh aperture on grizzly feeder: 30mm

Main Conveyor:

900mm wide main belt fitted with impact bars at feed point

High spec scraper at head drum

Piped for dust supression complete with spraybars

General:

Piped for overband magnet

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

Heavy duty undercarriage unit with 400mm wide pads

Handheld track control set with connection lead

Single speed tracks with 'soft start'

Safety guards in compliance with machinery directive

Emergency stops



Magnet

Optional

Powerpack

► Tier 4i / Stage IIIB : Scania DC9 78A

Engine Speed: 2000 rpm

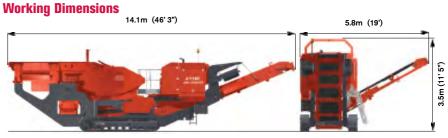
Caterpillar C9 Tier 3 ACERT

Engine Power: 300hp (224 kW) Engine Speed: 2000 rpm

Engine Power: 275hp (202 kW) (EU SPEC)

▶ ROW (Tier 3 or equivalent): Tier 3 / Stage IIIA :

36,000kg (79,365lbs) (with by-pass conveyor and magnet options)





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