



TEREX® | FINLAY



J-960

J-960 JAW CRUSHER

SPECIFICATION:

Inlet Opening:		900 x 600mm (35" x 24")
Net Engine Power:	Tier 3 / Stage IIIA:	Caterpillar C7.1 Acert 140kW (188hp)
	Tier 4F / Stage IV:	Caterpillar C7.1 140kW (188hp)
Portability:		Tracked
Operating Weight:		29,250kg (64,485lbs)

(with by-pass conveyor and single pole magnet options)



SPECIFICATION

HOPPER / FEEDER

Hopper capacity: 3.6m³ (4.7yd³)

Feed height with standard hopper: 3.40m (11' 1")

Material: 8mm wear resistant plate

Feed width at rear with standard hopper: 1.80m (5' 9")

VIBRATING GRIZZLY FEEDER (VGF)

VGF grizzly aperture: 50mm (standard offering)

VGF wire mesh aperture: please specify size: 10,20,30,40 & 50mm

VGF Speed range: variable, 500-915 rpm

Hopper Flares - hydraulic folding and manual locking

JAW CHAMBER

Terex 900 x 600mm (35" x 24") Single toggle jaw crusher

Inlet width: 900mm (35")

Inlet gape: 600mm (24")

Under jaw clearance: 350mm (13 3/4")

Drive arrangement: Direct Drive via wedge belts

CSS opening in Quarry min (Standard liners) - 50mm

CSS opening in Quarry max (Standard liners) - 125mm

CSS opening in Recycling min (Standard liners) - 40mm

CSS opening in Recycling max (Standard liners) - 125mm

Full hydraulic closed side setting adjust

Standard Liner Profile: Premium Tooth (18% Manganese)

MAIN CONVEYOR

Belt Width: 800mm (32")

Belt Spec: Plain

Working Angle: 22°

Speed: 105 m/min nominal

Discharge Height: 2.9m (9' 6")

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)

Standard Stockpile capacity: 36.3m³ (47.5yd³) @ 40°

POWERPACK

Tier 3 / Stage IIIA: Caterpillar C7.1

Engine Power: 140kW

Engine Speed: 1800 rpm

Tier 4F / Stage IV: Caterpillar C7.1

Engine Power: 140kW (188hp) @ 1800 rpm

Engine Speed: 1800 rpm



Hopper



Hopper



Main Conveyor



Main Conveyor

TANK CAPACITIES

Hydraulic Tank: 280 Litres / 62 UK Gal / 74 US Gal

Fuel Tank: 400 Litres / 88 UK Gal / 106 US Gal

Urea Tank: 46 litres / 10 UK gal / 12 US gal

BY-PASS CONVEYOR (OPTIONAL)

Belt Width: 600mm (24")

Belt Spec: Plain

Working Angle: 20°

Speed: 80 m/min nominal

Hydraulically folds for transport

Discharge Height: 2.0m (6' 7")

Stockpile capacity: 13.8m³ (18yd³) @ 40°

MAGNET SEPERATOR (OPTIONAL)

Belt Width: 750mm (30")

Belt Spec: Cleated

Drive: Hydraulic

UNDERCARRIAGE

Shoe Width: 400mm (16")

Sprocket Centres: 3.3m (10' 10")

Single tracking speed with 'soft start'

Speed: 0.9 km/h

Gradeability: 30°

TOOL BOX

Mounted lockable toolbox

Tool Kit and flogging spanners

Grease gun

Manuals

CHUTES

Heavy duty inlet chute with bolt-up construction, and liner plates

By-pass chute with selectable discharge flop gate, to either by-pass conveyor or main conveyor



Bypass Conveyor



Magnetic Separator



Tool Box

CONTROL SYSTEM

Advanced CANBUS compliant system Large display screen(IP67 Rated)

Five simple operating modes with menu driven graphic user interface:

- Track mode: For moving machine
- Manual mode: For manually starting machine
- Automatic mode: For automatically starting the machine in predetermined sequence
- Configuration mode: For testing/setting individual components
- Language selection: For setting languages

User friendly incremental selection of feeder and crusher speed enable the operator to achieve the optimal throughput

Detachable doglead control for tracking

Radio remote control (optional)

Integrated machine and engine control panel

Lockable compartment

Auto regulating feeder selectable for improved throughput control

Emergency stops: 6 off

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

REMOTE CONTROL UNIT (OPTIONAL)

Full function radio remote unit

Machine can be switched from crushing mode into track mode, moved and switched back to operating mode from remote control unit

Feeder stop / start



Control System

STANDARD FEATURES

ENGINE:

Tier 3 / Stage IIIA : Caterpillar C7.1 Tier 3 ACERT. 188hp (140kW)

Tier 4 Final / StageIV: Caterpillar C7.1 188hp (140kW)

JAW CHAMBER:

Terex 900 x 600mm (35" x 24") Single toggle jaw crusher c/w hydraulic wedge adjust

Direct drive via clutch

Premium Tooth Liners as standard

HOPPER/FEEDER:

Hydraulically folding hopper sides

Integrated pan and feeder - cassette is 50mm (2") spacing as standard

Rubber blanking mat fitted below grizzly as standard.

MAIN CONVEYOR:

Belt width: 800mm (32") fitted with impact bars at feed point- fixed head

CLIMATE SPEC:

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

DUST SUPPRESSION:

Piped for dust suppression complete with spraybars

ELECTRICAL:

Emergency stops

Hand held 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

Separate central operators panel

OPTIONAL EQUIPMENT:

Supertooth jaw liners in lieu of premium jaw liners

Multi tooth jaw liners in lieu of premium jaw liners

Please contact the sales department for jaw liner options (depending on application)

Wire mesh for underscreen in feeder - please specify size: 10,20,30,40 & 50mm

VGF fines to product conveyor only by-pass chute.

NOTE: Can NOT be selected with By-Pass Conveyor option

Belt weigher

Auxiliary Conveyors:

By-pass conveyor with 600mm (24") wide belt

Magnet preparation c/w hosing, stainless steel discharge chute and mounting chains

Singlepole overband magnet c/w stainless steel skirting & stainless steel discharge chute

Twinpole overband magnet (skirting & chute as above)

Cold climate lubrication kit (Recommended for ambient temperatures between -20 to +30°C)

Hydraulically driven water pump

Radio Remote

Control panel positive air pressurization

Electric re-fuelling pump

Special paint colour (if different from Finlay Orange RAL 2002) . RAL must be specified on order

Jaw Chamber

- ▶ Terex 900 x 600mm (35" x 24") Single toggle jaw crusher
- ▶ Inlet width: 900mm (35")
- ▶ Inlet gape: 600mm (24")
- ▶ Under jaw clearance: 350mm (13 3/4")
- ▶ Drive arrangement: Direct Drive via wedge belts

Hopper/Feeder

- ▶ Hopper Capacity: 3.6m³ (4.7yd³)
- ▶ Feed height with standard hopper: 3.40m (11' 1")
- ▶ Material: 8mm wear resistant plate
- ▶ Feed width at rear with standard hopper: 1.80m (5' 9")

Main Conveyor

- ▶ Belt width: 800mm (32")
- ▶ Belt Spec: Plain
- ▶ Working Angle: 22°
- ▶ Impact bars and wear resistant liners at feed point

By-Pass Conveyor (Optional)

- ▶ Belt width: 600mm (24")
- ▶ Discharge height: 2.0m (6' 7")
- ▶ Stockpile Capacity: 13.8m³ (18yd³) @ 40°
- ▶ Hydraulically folds for transport



Catwalks

- ▶ Galvanised catwalks and ladders for full maintenance and service access

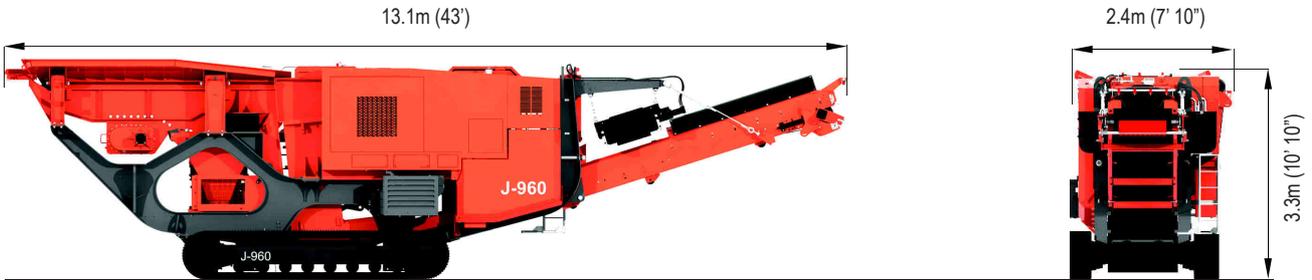
Chassis

- ▶ Heavy duty fabricated 'I-Section' Construction
- ▶ Increased service access with large open sections

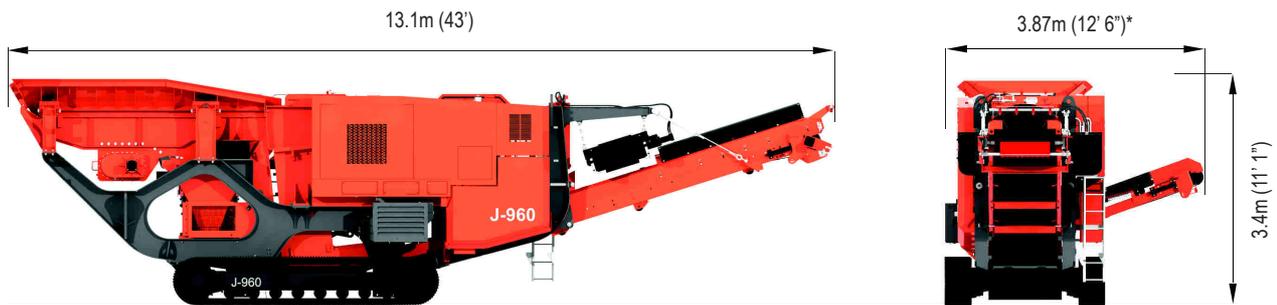
Powerunit

- ▶ Tier 3 / Stage IIIA: Caterpillar C7.1
Engine Power: 140kW (188hp)
Engine Speed: 1800 rpm
- ▶ Tier 4F/ Stage IV: Caterpillar C7.1
Engine Power: 140kW (188hp)
Engine Speed: 1800 rpm

TRANSPORT DIMENSIONS



WORKING DIMENSIONS



* with dirt conveyor deployed

MACHINE WEIGHT: 29,250kg (64,485lbs) (with by-pass conveyor and single pole magnet options)

For further information on specific machine weight configurations please consult Terex Finlay



www.terexfinlay.com

TEREX | FINLAY

J-960

TEREX | FINLAY

J-960

J-960

TEREX | FINLAY

CAT
320E
III

CAT
CATERPILLAR