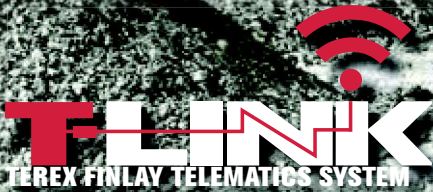




TEREX® | FINLAY



J-960

J-960 JAW CRUSHER

SPECIFICATION:

Inlet Opening:		900 x 600mm (35" x 24")
Net Engine Power:	Stage IIIA Constant Speed:	John Deere 4045 126kW (169hp)
	Tier 4F/ Stage IV:	Caterpillar C4.4 129kw (173hp)
Portability:		Tracked
Operating Weight:		28,000kg (61,730lbs)

SPECIFICATION

HOPPER / FEEDER

Hopper capacity: 3.6m³ (4.7yd³)

Feed height with standard hopper: 3.20m (10' 5")

Material: 8mm wear resistant plate (400 BRINEL)

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

Hopper Length 4.0m (13' 1")

VIBRATING GRIZZLY FEEDER (VGF)

VGF grizzly aperture: 50mm (standard offering)

VGF grizzly aperture option : 75mm

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

VGF Speed range: variable, 500-915 rpm

JAW CHAMBER

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

Inlet width: 900mm (35")

Inlet gape: 600mm (24")

Under jaw clearance: 440mm (1' 5")

Drive arrangement: Direct Drive via wedge belts

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

CSS opening in Quarry max (Standard liners) - 130mm

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

CSS opening in Recycling max (Standard liners) - 130mm

Reverse action for clearing blockages

Deflector plate - optional

Full hydraulic closed side setting adjust

Standard Liner Profile: Premium Tooth (18% Manganese)

MAIN CONVEYOR

Belt Width: 800mm (32")

Belt Spec: Plain

Working Angle: 23°

Speed: 110 - 120m/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)

POWERPACK

Stage IIIA Constant Speed: John Deere 4045

Engine Power: 126kW (169hp)

Engine Speed: 1800rpm

Tier 4F / Stage IV: Caterpillar C4.4

Engine Power: 129kw (173hp)

Engine Speed: 1800 - 2000rpm



Hopper



Hopper



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: 20 litres / 4.4 UK gal / 5.3 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")

MAGNET SEPERATOR (OPTIONAL)

Belt Width: 750mm (30")

Belt Spec: Cleated

Drive: Hydraulic

UNDERCARRIAGE

Shoe Width: 400mm (16")

Sprocket Centres: 2.95m (9' 8")

Dual Speed tracking

Low Speed: 0.8 km/h

High Speed: 1.5 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 - A rubber blanking mat can be fitted to direct all material that passes through the grizzly cassette onto the main product belt

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

Feeder stop / start

STANDARD FEATURES

ENGINE:

Stage IIIA Constant Speed John Deere 4045 126kW (169hp)

Tier 4F / Stage IV: Caterpillar C4.4 129kW (173hp)

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/FEEDEE:

Rigid fixed hopper

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)

Jaw Level Sensor

Under crusher hydraulic deflector plate

Hydraulic chamber unblock motor, Confirm availability at time of order

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

Optional spacing on grizzly - 75mm

Hydraulic raise/ lower of conveyor

Belt weigher

Hydraulic folding product conveyor c/w hydraulic raise/ lower

Dust Covers

Stockpile level sensor

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 discharging on RHS of machine

Twinpole overband magnet (skirting & chute as above)

Hydraulic Raise lower of magnet, Confirm availability at time of order

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

Hot climate lubrication kit (Recommended for ambient temperatures between +15 to +50°C)

Hydraulically driven water pump

Radio Remote

Control panel positive air pressurization

Electric re-fuelling pump

Feeder Control Station

Lighting Mast

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

Jaw Chamber

- ▶ Terex 900mm x 600mm (35" x 24") Single toggle jaw crusher
- ▶ Drive arrangement: Direct Drive via wedge belts
- ▶ Reverse action for clearing blockages - available Jan 2018
- ▶ Deflector plate - optional
- ▶ Full hydraulic closed side setting adjust
- ▶ Standard Liner Profile: Premium Tooth (18% Manganese)

Hopper/Feeder

- ▶ Hopper Capacity: 3.6m³ (4.7yd³)
- ▶ Feed height with standard hopper: 3.20m (10' 5")
- ▶ Material: 8mm wear resistant plate (400 BRINEL)
- ▶ Feed width at rear with standard hopper: 1.80m (5' 9")
- ▶ Hopper Length 4.0m (13'1")

Vibrating Grizzly Feeder (VGF)

- ▶ VGF grizzly aperture: 50mm (standard offering)
- ▶ VGF grizzly aperture option : 75mm
- ▶ VGF wire mesh aperture: please specify size: 10,20,30,40 & 50mm
- ▶ VGF Speed range: variable, 500-915 rpm

Main Conveyor

- ▶ Belt width: 800mm (32")
- ▶ Belt Spec: Plain
- ▶ Working Angle: 22°
- ▶ Speed: 110 - 120m/min nominal
- ▶ Discharge Height: 2.9m (9' 6")
- ▶ Impact bars and wear resistant liners at feed point
- ▶ High spec scraper at head drum

Catwalks

- ▶ Catwalks on left hand side of the machine with access to both sides of the powerunit

By-Pass Conveyor (Optional)

- ▶ Belt width: 600mm (24")
- ▶ Discharge height: 2.0m (6' 7")
- ▶ Hydraulically foldable for transport

Powerunit

- ▶ Stage IIIA Constant Speed - John Deere
Engine Power: 126kW (169hp)
Engine Speed: 1800 rpm
- ▶ Tier 4F / Stage IV: Caterpillar C4.4
Engine Power: 129kW (173hp)
Engine Speed: 1800 - 2000rpm



TRANSPORT DIMENSIONS



WORKING DIMENSIONS



MACHINE WEIGHT: 28,000kg (61,730lbs)

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

WORKS FOR YOU.™