



J-1480
JAW CRUSHER

Power, Performance & Profitability...

Introducing the new J-1480 – the largest Jaw Crusher in the Terex® Finlay crushing range.

The J-1480 is fitted with a Terex® Jaques 1370mm x 762mm (54" x 30") single toggle jaw crusher chamber and a heavy-duty undercarriage for exceptional on site mobility.

The hydrostatic drive, independent hydraulic pre-screen, heavy duty vibrating feeder, with automatic control to regulate the feed into the crusher ensures that the machine delivers maximum performance and efficiency, reducing down time whatever the application. Selectable discharge of fines materials to either the by-pass or main conveyor & reversible operation for clearing blockages are features of this machine.



Hopper and Feeder

The feed hopper has a capacity of 10m³ (13yd³). The hopper is fitted with a heavy duty vibrating feeder with variable speeds to suit different applications & allows the operator to optimise material flow throughput to the Jaw.

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Pre-screen system

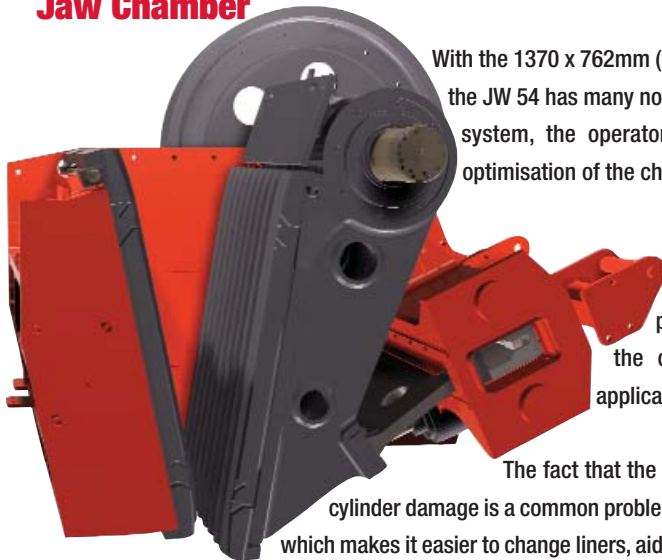
The integrated pre-screen removes fines & sizes before entering the Jaw chamber, reducing packing & wear on the jaw liners. Operators can choose to collect product via the bypass conveyor or discharge the product via the main conveyor



At A Glance

- ▶ Jaques 1370mm x 762mm (54" x 30") single toggle jaw crusher
- ▶ Hydrostatic drive & advanced electronic control system
- ▶ Cat C13 328kW (440HP) water cooled diesel engine
- ▶ Standard hopper – 10m³ (13yd³)
- ▶ Hydraulically adjustable closed side setting
- ▶ Reversible operation to clear blockages
- ▶ Heavy duty vibrating grizzly feeder
- ▶ Selectable discharge to by-pass conveyor main conveyor
- ▶ Heavy duty vibrating feeder with automatic speed control
- ▶ Integral vibrating pan and screen
- ▶ Main conveyor: 1400mm belt with impact bars at feed point
- ▶ Skirting a discharge conveyor
- ▶ High spec scraper at head point
- ▶ Two speed tracking with 'Soft Start'

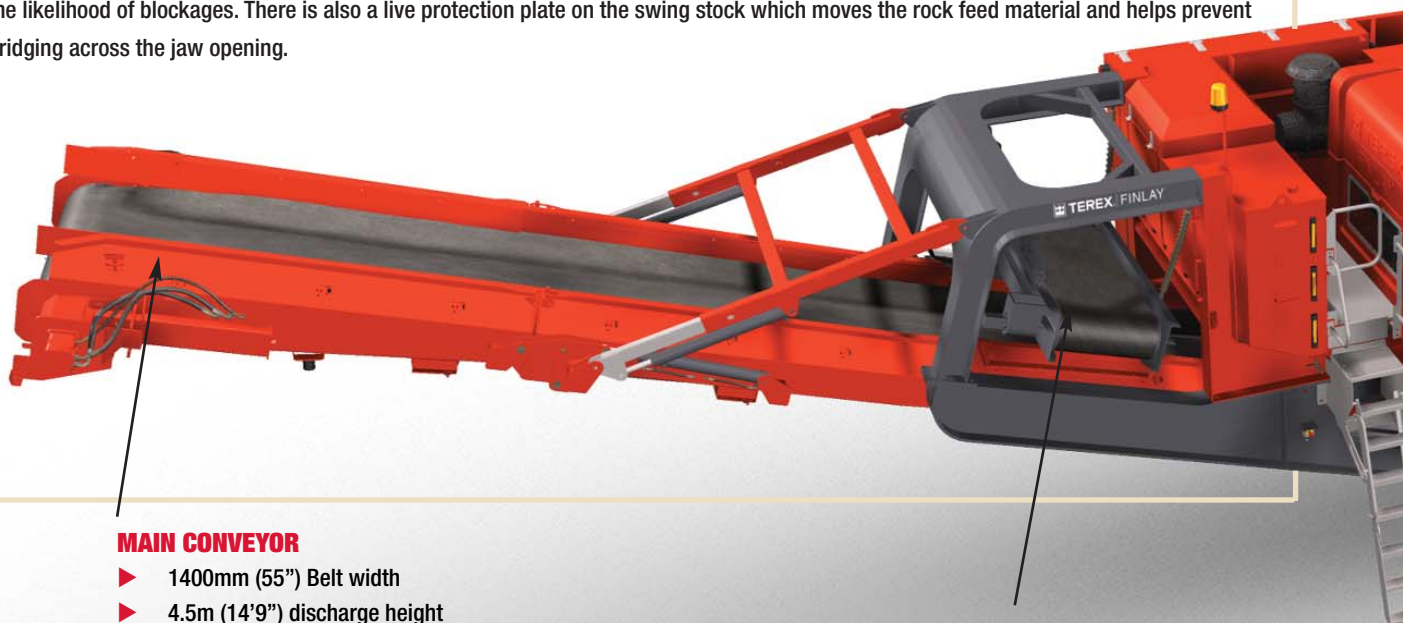
Jaw Chamber



With the 1370 x 762mm (54" x 30") single toggle jaw chamber from the renowned brand Jaques, the JW 54 has many notable features. With a hydrostatic drive and advanced electronic control system, the operator can choose from the various crusher speeds which allows the optimisation of the chamber as well as allowing added protection to the crushing chamber.

The fully hydraulic adjustable closed side setting and the reversible option for clearing blockages results in less downtime and more profitable production as well as adding to the safer working conditions of the crusher. The reversible operation can also improve capacity for applications such as asphalt, demolition and bricks.

The fact that the CSS adjustment ram is enclosed which protects it from any accidental cylinder damage is a common problem in many crushers. The fixed liner wedge can be removed from the side which makes it easier to change liners, aids the visual inspection of the fixings and the large by-pass chute reduces the likelihood of blockages. There is also a live protection plate on the swing stock which moves the rock feed material and helps prevent bridging across the jaw opening.



MAIN CONVEYOR

- ▶ 1400mm (55") Belt width
- ▶ 4.5m (14'9") discharge height
- ▶ High spec scraper at head drum
- ▶ Overband magnet option
- ▶ Hydraulic folding for transport
- ▶ Dust suppression system fitted as standard

MAGNETIC SEPARATOR (optional)

- ▶ Suspended self-cleaning crossbelt overband magnet

STANDARD FEATURES:

Engine:	Main Conveyor:
- Caterpillar C13 328 kW (440HP) Water cooled diesel engine	- 1400mm wide main belt fitted with impact bars at feed point
Jaw Chamber:	- Skirting on discharge conveyor
- Jaques 1370mm (54") x 762mm (30") single toggle jaw crusher	- High spec scraper at head drum
- Hydrostatic drive and advanced electronic control system (other drive systems will be available in the near future)	General:
- Fully hydraulically adjustable closed side setting	- Separate central operators panel
- Reversible operation for clearing blockages	- Dust Suppression – Main Conveyor fitted with hose and spray bars as standard (no pump supplied)
Hopper / Feeder:	- Piped for overband magnet
- Standard Hopper - 10m ³ (13yd ³)	- Hydraulic oil temperature sensor
- Optional Hopper with Extensions – 12m ³ (15.6 yd ³)	- Galvanised catwalk c/w handrail, kick board and access ladders
- Heavy duty vibrating feeder	- Heavy duty undercarriage unit with 500mm wide pads
- Integral Vibrating Pan and Screen, standard 75mm spacing	- Control operation of tracks via hand held set with connection lead
- Selectable discharge to by-pass conveyor or main conveyor	- Two speed tracking with 'soft start'
- Mesh aperture on grizzly feeder: 38mm (1 ½")	- Guards to M & Q specification
	- Low level greasing
	- Emergency stops (7 Nr)
	- Electric refuelling pump

J-1480 JAW CRUSHER

JAW CHAMBER

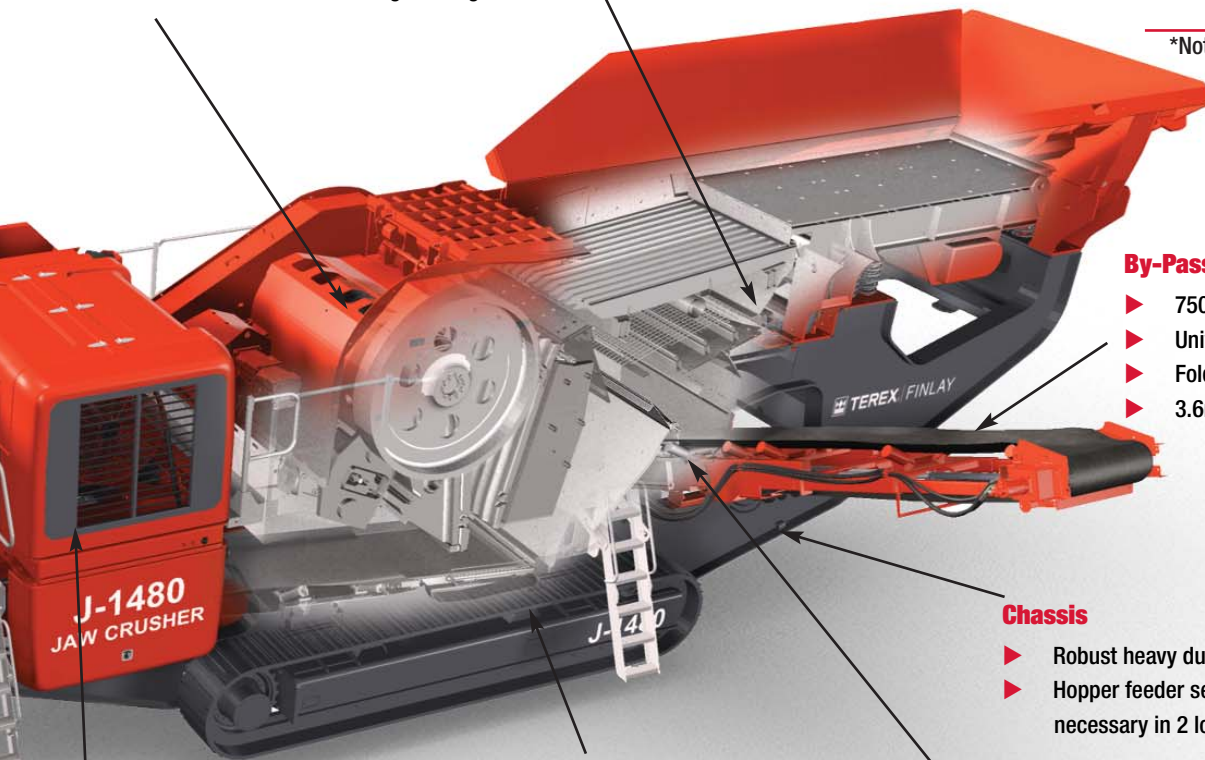
- ▶ Jacques 3054 single toggle Jaw Chamber
- ▶ 1370mm (54") x 762mm (30") inlet opening
- ▶ Hydrostatic Drive *
- ▶ Full hydraulic CSS adjust
- ▶ Reverse action for clearing blockages

HOPPER & FEEDER

- ▶ 10m³ (13yd³) hopper capacity
- ▶ Hydraulic folding sides with hydraulic locking wedges
- ▶ Integral vibrating pan & screen
- ▶ Selectable discharge to By-Pass or Main Conveyor

Inlet Opening:	1370 x 762mm (54" x 30")
Net Engine Power:	328kW / 440 HP
Portability:	Tracked
Operating Weight:	69,000kg* 152,117lbs

*Note: Without by-pass conveyor & magnet options



By-Pass Conveyor (optional)

- ▶ 750mm (30") wide plain belt
- ▶ Universal mounting to left or right side
- ▶ Folds hydraulically for transport
- ▶ 3.6m (11' 10") discharge height

Chassis

- ▶ Robust heavy duty chassis
- ▶ Hopper feeder section removable if necessary in 2 loads

POWERUNIT & CONTROL SYSTEM

- ▶ Cat C13 328kW/440HP @ 1800rpm
- ▶ Advanced CANBUS electronic control system
- ▶ Hydrostatic Drive *
- ▶ Catwalk access

Undercarriage

- ▶ 4.2m (13'9") sprocket centres
- ▶ 500mm (20") shoe width
- ▶ Dual speed tracking with soft start

INDEPENDENT PRE-SCREEN

- ▶ Optional for increased fines removal

* Other drive systems will be available in the near future.



OPTIONAL EQUIPMENT FEATURES:

- Radio remote system
- Bypass conveyor 750mm (30") wide
- Overband magnet (c/w stainless steel skirting and discharge chute)
- Hopper with Extensions – 12m³ (15.6 yd³)
- Optional spacing on prescreen – 75mm / 100mm (Please specify)
- Hydraulic Driven Water pump (Requires one auxiliary drive*)
- Stockpiler Drive (Requires one auxiliary drive*)
- Hot climate cooler pack. For above +40°C (104°F) ambient (Requires one auxiliary drive*)
- Hot climate lubrication pack. For above +30°C (86°F) ambient
- Cold climate lubrication pack. For below -10°C (14°F) ambient
- Belt Weigher
- Lighting Mast
- Special paint colour if different from RAL 2002

* Note: Only three auxiliary drives available

Customers First Always

Service & Support

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Training

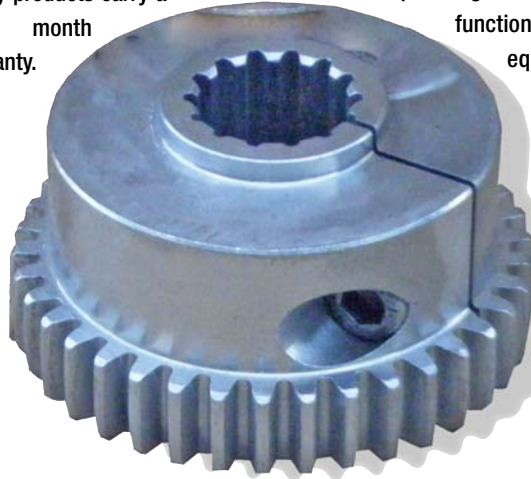
Terex® Finlay offers operator & service training opportunities and tools. We value your time and your bottom line. Our courses are designed to deliver concise, comprehensive training to support both.

Warranty

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Parts

Your local Terex® Finlay dealer aims to keep you moving 24 hours a day, 7 days a week, 365 days a year. Whether you need jaw liners, meshes or replacement components, only genuine Terex Finlay parts guarantee the safety, proper functioning and reliability of your equipment. Terex® Finlay supplies quality original parts to protect your investment and our knowledgeable product specialists help ensure you receive exactly what you need to get your equipment back on the job quickly & cost effectively.

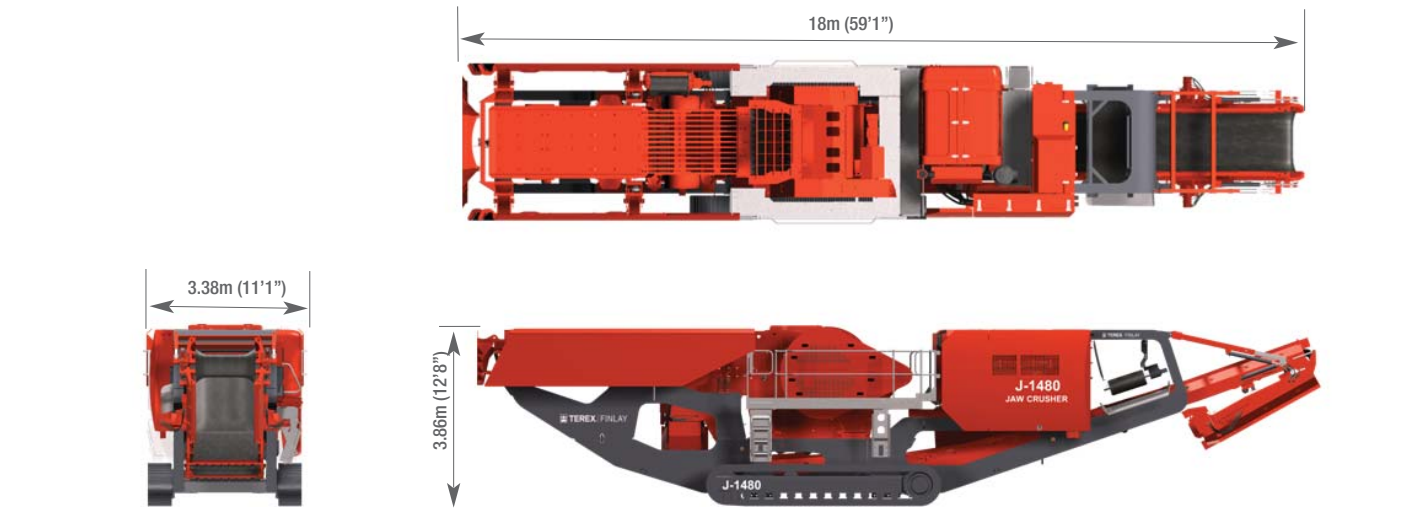


Combination Plants

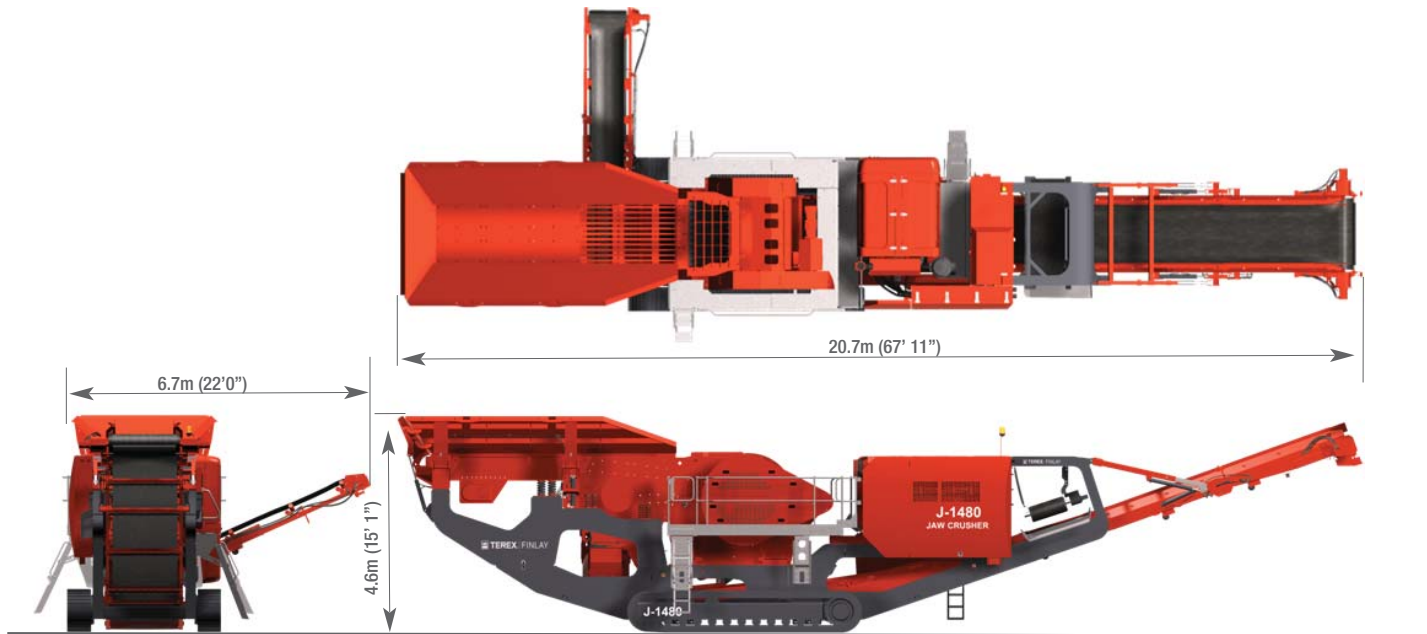


J-1480 Jaw Crusher, I-130 Impact Crusher, 984 Horizontal Screen and C-1540RS working in sequence

Transport Position



Working Position



Working Height



4.6m (15'1")

Working Length



20.7m (67' 11")

Working Width



4.7m (15'5")

Transport Height



3.86m (12'8")

Transport Length



18.79m (61' 7")

Transport Width



3.38m (11'1")

Weight



69,000Kgs
152,117lbs



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