



J-1175

JAW CRUSHER

Efficiency, Versatility Performance ...

The Terex® Finlay J-1175 is fitted with a 1070mm x 760mm (42" x 30") Jaques crusher chamber and a heavy-duty undercarriage for exceptional on site mobility.

A heavy duty vibrating grizzly feeder with automatic control to regulate the feed into the crusher. Hydrostatic drive, reverse crushing action to assist in clearing blockages are all major features of this unit.

Its compact design, ease of transport, and quick set-up times makes the Terex® Finlay J-1175 crusher ideal for mining, quarrying, demolition & recycling applications.



Hopper

The machine is fitted with a large 9m³ (11.7yd³) hydraulic folding hopper as standard. The side walls of the hopper are manufactured from 12mm (1/2") wear resistant steel. Optional hopper extensions are available to increase the Hopper capacity to 11m³ (14.4yd³).

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Vibrating Grizzly Feeder

The machine is fitted with a hydraulically driven vibrating feeder with variable speeds to suit different applications. The VGF also has an integral screen which removes fines and sizes before entering the jaw chamber, reducing packing & wear on the jaw liners & optimising machine throughput. Operators can choose to collect product via the bypass conveyor or discharge the product via the main conveyor. The standard grizzly bar spacing is 75mm(3"), with 50mm(2") & 100mm(4") sizes available as options.



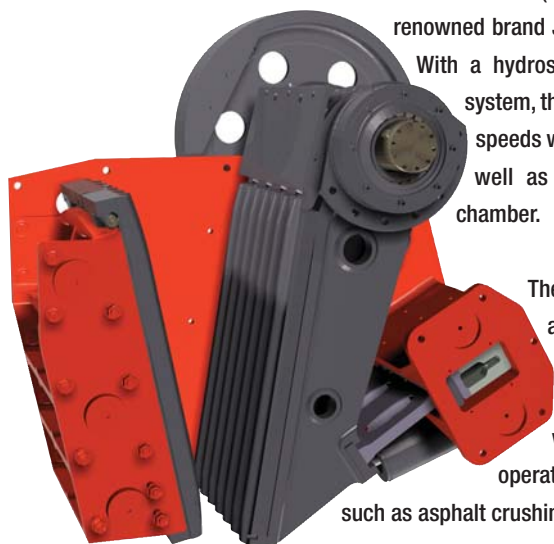
At A Glance

- ▶ Jaques 1070 x 762mm (42" x 30") single toggle jaw chamber
- ▶ Cat C9 Acert 261 kW (350HP) water cooled diesel engine
- ▶ Hydrostatic drive & advanced electronic control system
- ▶ Hydraulically adjustable closed side setting
- ▶ Standard hopper – 9m³ (11.7yd³)
- ▶ Selectable discharge to by-pass or main conveyor
- ▶ Heavy duty vibrating feeder with integral screen and automatic speed control
- ▶ Main conveyor: 1000mm (40") wide main belt fitted with impact bars at feed point
- ▶ Skirting on discharge conveyor
- ▶ High spec scraper at head drum
- ▶ Two speed tracking with 'Soft start'

Jaw Chamber

With the 1070 x 762mm (42" x 30") single toggle jaw chamber from the renowned brand Jaques, the JW 42 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.

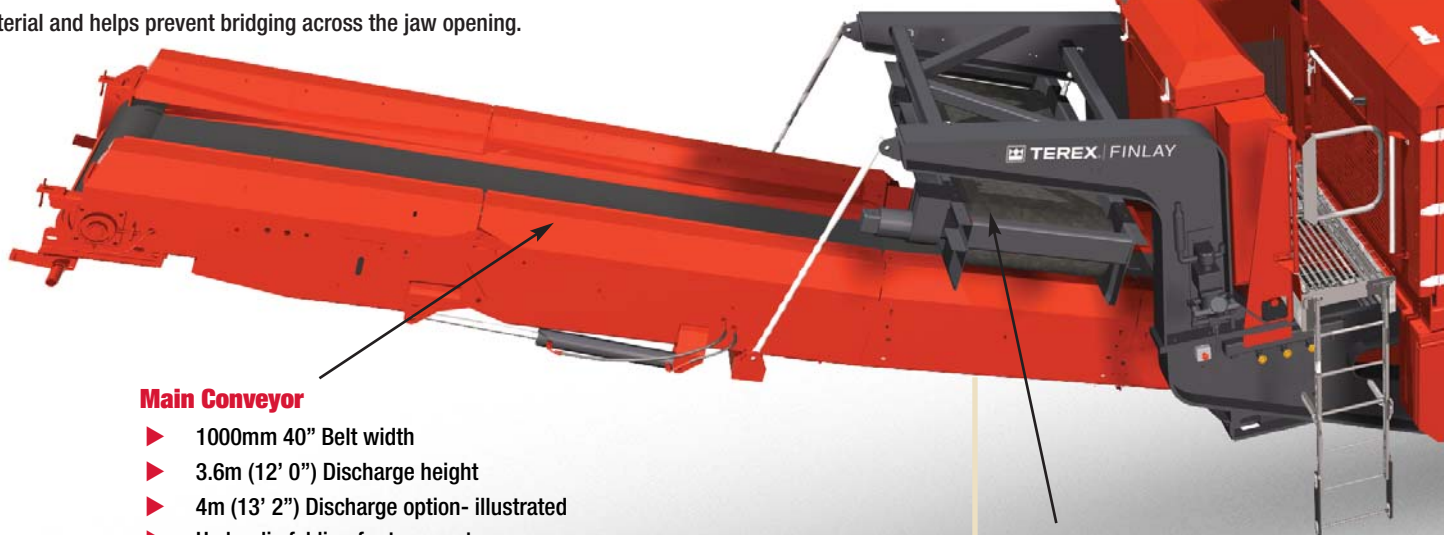


The fully hydraulic adjustable closed side setting and the reversible option for clearing blockages results in less downtime and more profitable production as well as adding to the safer working conditions of the crusher. The reversible operation can also improve capacity for applications such as asphalt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

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.

Powerunit

- ▶ CAT C9 261kW (350HP)
- ▶ Hydrostatic transmission
- ▶ Electronic control system
- ▶ Catwalk access



Main Conveyor

- ▶ 1000mm 40" Belt width
- ▶ 3.6m (12' 0") Discharge height
- ▶ 4m (13' 2") Discharge option- illustrated
- ▶ Hydraulic folding for transport

Magnet

- ▶ Optional

STANDARD FEATURES:	
Engine: - Caterpillar C9 Acert 261 kW (350HP) water cooled diesel engine	Main Conveyor: - 1000mm (40") wide main belt fitted with impact bars at feed point - Skirting on discharge conveyor - High spec scraper at head drum
Jaw Chamber: - Jaques 1070 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	General: - Separate central operators panel - Piped for dust suppression (no water pump supplied) - Piped for overband magnet - Standard toggle setting 590mm (23") - Hydraulic oil temperature sensor - Galvanised catwalk c/w handrail, kick board and access ladders - Heavy duty undercarriage unit with 500mm (20") wide pads - Control operation of tracks via hand held set with 5m connection lead - Two speed tracks with 'soft start' - Guards to M & Q specification - Low level greasing - Emergency stops (7 nr)
Hopper / Feeder: - 9m ³ hopper (11.7 yd ³) - Wear resistant steel - Hydraulically folding sides - Heavy duty vibrating feeder - Grizzly feeder with integral pre-screen, standard 75mm (3") spacing - Selectable discharge to by-pass conveyor or main conveyor - Mesh aperture on grizzly feeder: 38mm (1½")	

J-1175 JAW CRUSHER

Hooper and feeder

- ▶ 9m³ (11.7yd³) Hopper Capacity
- ▶ Heavy duty vibrating feeder with integral pre-screen
- ▶ Hydraulic folding

Inlet Opening :	1070 x 762mm (42" x 30")
Net Engine Power:	261 kW 350 HP
Portability:	Tracked Mounted Tracked & Wheeled Bogie
Operating Weight:	49500kg 109090lbs

Catwalks

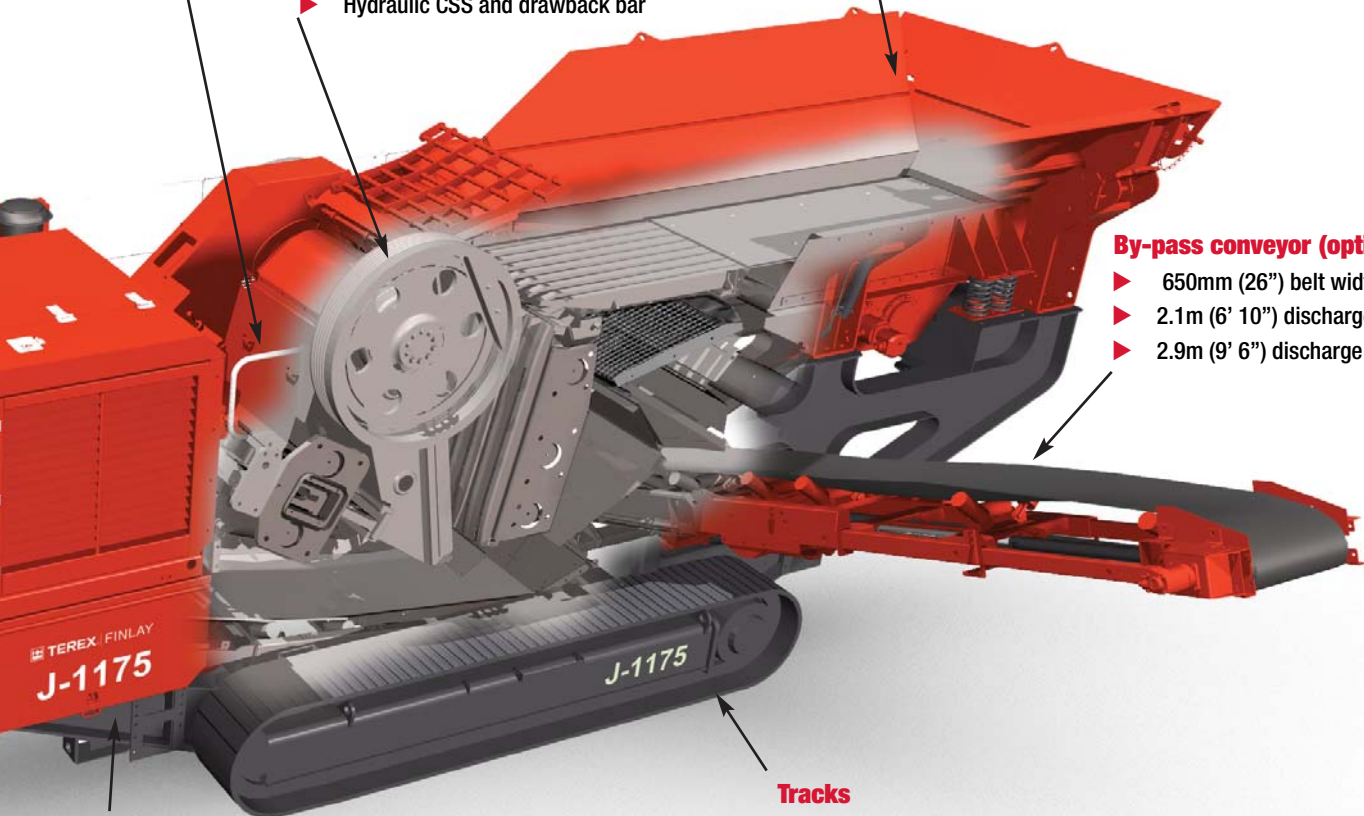
- ▶ Convenient access around machine

Jaw Chamber

- ▶ 42" x 30" (1070mm x 762mm) inlet opening
- ▶ Hydrostatic Drive with reverse feature for clearing blockages
- ▶ Hydraulic CSS and drawback bar

By-pass conveyor (option)

- ▶ 650mm (26") belt width
- ▶ 2.1m (6' 10") discharge height
- ▶ 2.9m (9' 6") discharge option available



Chassis

- ▶ Robust, heavy duty chassis

Tracks

- ▶ 3.78m (12' 5") Sprocket centres
- ▶ 500mm (20") Shoe width

OPTIONAL EQUIPMENT FEATURES:

- Radio remote System: Operational controls of machine (auto start/stop) & track movement
- Bypass conveyor with 650mm (26") wide plain belt
- Extended bypass conveyor with 650mm (26") wide plain belt
- Over band magnet (250mm (10") suspension height) c/w stainless steel skirting & stainless steel discharge chute
- Heavier duty overband magnet (skirting & chute as above)
- Belt weigher
- 1 no. stockpiler drive (Requires 1 Aux Drive)
- Tracked & wheeled version (detachable bogie unit) c/w light board
- "Bogie Prepared" only
- Special paint colour (if different from Finlay Orange RAL 2002)
- Optional spacing on grizzly, 50mm/100mm (2"/4")
- Hydraulically driven water pump (Requires 1 Aux Drive)
- Re-bar deflector plate - fits underneath jaw
- Independent pre-screen (Requires 1 Aux Drive)
- Dust cover on discharge conveyor
- Rip stop belt option
- Lighting mast
- Cold Climate lubrication kit for below -10°C (14°F) ambient
- Hot climate lubrication kit for above +30°C (86°F) ambient
- Hot climate cooler pack (Requires 1 Aux Drive) for above +40°C (104°F) ambient
- Multi tooth liners available for demolition/soft rock
- S-Tooth liners (Optional up to Quarter 3 standard thereafter)
- Quarry tooth liners (Optional from Quarter 3 standard up to then)
- Toggle options: 570mm (22") for larger closed side setting
610mm (24") to maintain minimum recommended closed side setting 45mm (1.7") for demolition
- Longer Main Conveyor to provide an increase in discharge height of approximately 4000mm (13' 2").
- Hydraulic Rock Hammer (Requires 1 Aux Drive)
(Different hammers available on request)
- Extended hopper flares (11m³ capacity) (14.4yd³)

Customers First Always

Service & Support

At Terex® Finlay our commitment to you extends far beyond the initial sale. Terex® Finlay dealers are committed to supporting every aspect of your operation, from commissioning & servicing equipment helping you improve productivity and lower operating costs throughout the working life of your machine.

Training

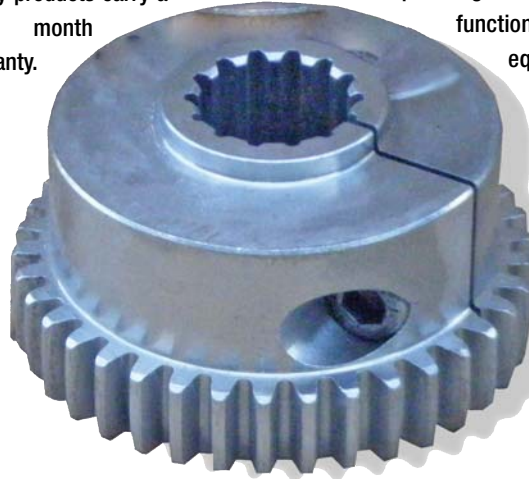
Terex® Finlay offers operator & service training opportunities and tools. We value your time and your bottom line. Our courses are designed to deliver concise, comprehensive training to support both.

Warranty

We build long-lasting quality into each of our products and are proud to offer outstanding warranty coverage as our commitment to you. Subject to our sales terms and conditions all new Terex® Finlay products carry a 12 month warranty.

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

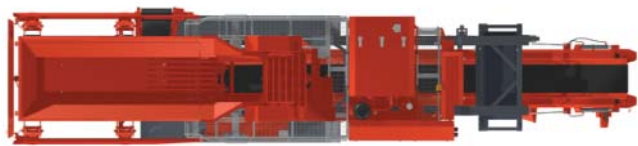
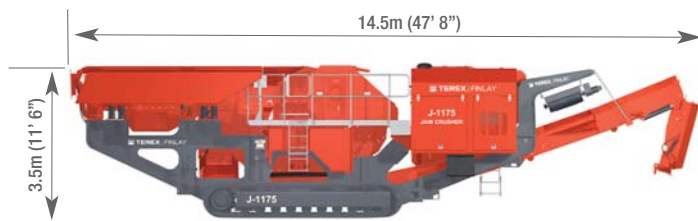


J-1175 Jaw Crusher, C-1540 Cone Crusher, 694 4-Way Screener working in sequence



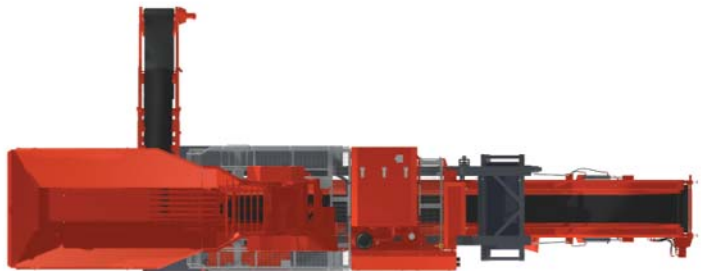
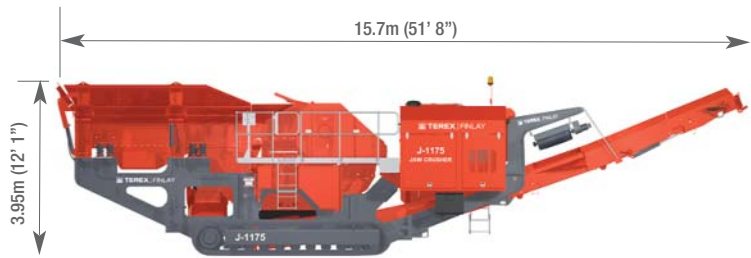
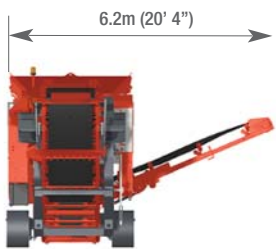
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Transport Position



Working Position

Note:
Illustrated with extended by-pass conveyor option and magnet.



Working Length



15.7m (51' 8'')

Transport Height



3.5m (11'6'')

Transport Length



14.5m (47' 8'')

Transport Width



2.9m (9' 6'')

Stockpile Height



3.3m (10' 10'')

Stockpile Height



2m (6' 6'')
With Standard
By-pass conveyor
2.73m (9')
With Extended
By-pass conveyor

Working Width



3.5m (11' 5'')
With Standard
By-pass conveyor
5.8m (19')
With Extended
By-pass conveyor

Working Height



3.4m (11' 2'')
Without Hopper
extensions
3.8m (12' 5'')
With hopper
extensions

Weight



49,500Kgs *
109,090 lbs



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