

MOBILE CRUSHERS



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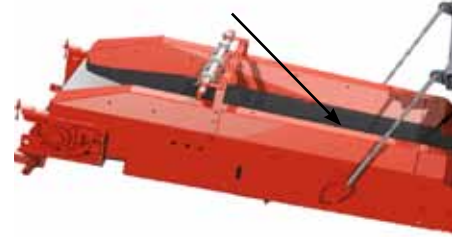
FINLAY J-1160

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 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.

Product Conveyor

- ▶ 900mm (36") Belt
- ▶ 3.6m (10' 10") Discharge



Standard Features

Engine:

Tier 3: Caterpillar C9 Acert 224 kW (300hp) water cooled diesel engine

Tier 4i: Scania DC9 70A 202kW (275hp) water cooled diesel engine

Jaw Chamber:

Jaques 1000 x 660mm (40" x 24") single toggle jaw crusher

Hydrostatic drive and advanced electronic control system

Fully hydraulically adjustable closed side setting

Reversible operation for clearing blockages

S tooth liners - 18% Manganese as Standard

Hopper/Feeder

5m³ hopper (6.5 yd³)

Heavy duty vibrating feeder

Grizzly feeder with integrated pre-screen, standard 50mm (2") grizzly spacing

Selectable discharge to by-pass conveyor or main conveyor

Mesh aperture on grizzly feeder: 30mm (1.18")

Main Conveyor

900mm (35.4") wide main belt fitted with impact bars at feed point

High spec scraper at head drum

Piped for dust suppression complete with spraybars

General

Piped for overband magnet

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

Heavy duty undercarriage unit with 400mm (15.7") wide pads

Handheld track control set with connection lead

Single speed tracks with 'soft start'

Safety guards in compliance with machinery directive

Emergency stops

Features:

- ▶ The robust high performance hydrostatic driven single toggle jaw chamber provides high capacity with large reduction ratio's.
- ▶ Automatic variable speed VGF ensures continuous choke feeding of the crushing chamber for optimal productivity.
- ▶ High powered hydrostatic drive ensures precise chamber controls and reverse functionality for clearing blockages and assisting in demolition and recycling applications.
- ▶ Fully hydraulic adjustable closed side setting minimises downtime and offers quick adjustment.



Powerunit

- Tier 3: Caterpillar C9 Acert 224 kW (300hp)
- Tier 4i: Scania DC9 70A 202kW (275hp)
- Hydrostatic transmission
- Electronic control system
- Catwalk access

Catwalks

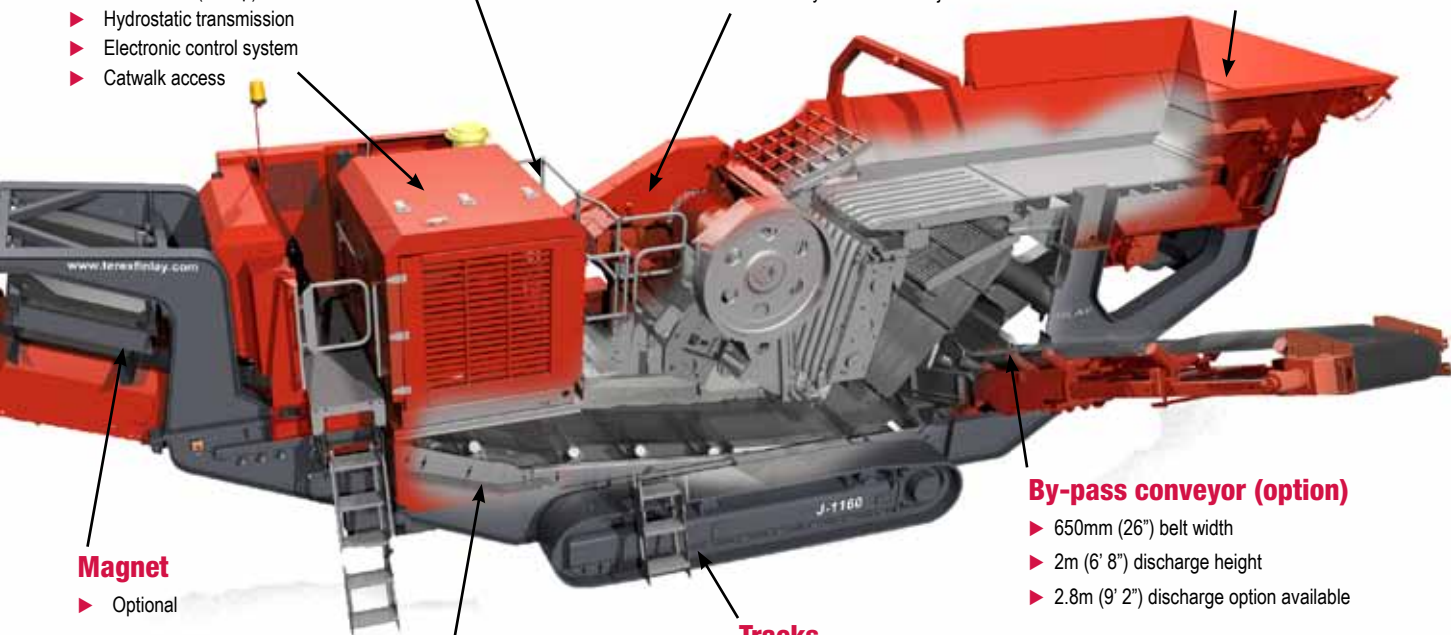
- Powerunit and chamber access

Jaw Chamber

- 1000x600mm" (40" x 24") inlet opening
- Hydrostatic Drive with reverse feature for clearing blockages
- Full Hydraulic CSS adjustment

Hopper and Feeder

- 5m³ (6.5yd³) Capacity
- 8m³ (10.4yd³) with optional extensions hydraulic folding



Magnet

- Optional

By-pass conveyor (option)

- 650mm (26") belt width
- 2m (6' 8") discharge height
- 2.8m (9' 2") discharge option available

Tracks

- 400mm (16") shoe width
- 3.2m (10'9") Sprocket centres

Chassis

- Robust, heavy duty chassis

Transport Dimensions



Working Dimensions



Machine Weight: 33,500Kg (73,854lbs) *

*Standard Machine configuration (Without By-Pass Conveyor or Magnet)

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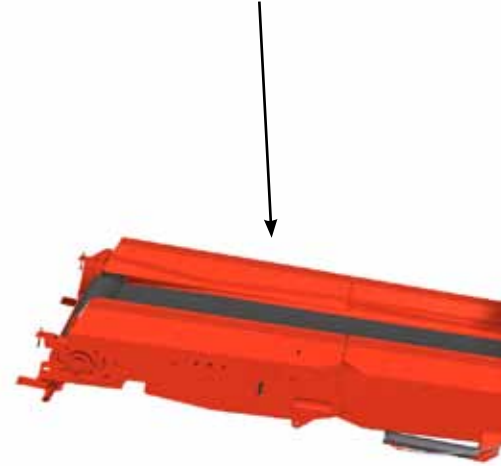
FINLAY J-1175

The Terex Finlay J-1175 is a high performance tracked mobile jaw crusher. Incorporating the Terex Jaques JW42 jaw crusher and a heavy duty VGF feeder the Finlay J-1175 gives optimum production in a range of applications.

Its compact size, quick set up times, ease of transport and simple maintenance make the Finlay J-1175 ideal for quarrying, mining, demolition and recycling applications.

Main Conveyor

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



Standard Features

Engine:

Tier 3: Caterpillar C9 Acert 261 kW (350hp) water cooled diesel engine

Tier 4i: Stage 3B Scania DC9 70A 257kW (350hp) water cooled diesel engine

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

S tooth liners Standard - 18% Manganese as standard

Hopper/Feeder

9m³ hopper (11.7 yd³)

Hydraulically folding hopper sides

Heavy duty vibrating feeder

Integrated mesh screenbox below grizzly cassette is 75mm (2.95") spacing as standard

Selectable discharge to by-pass conveyor or main conveyor

Mesh aperture on grizzly feeder: 38mm (1.5")

Main Conveyor

1000mm (40") wide main belt fitted with impact bars at feed point

High spec scraper at head drum

Separate central operators panel

General

Piped for dust suppression complete with spraybars

Piped for overband magnet

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

Heavy duty undercarriage unit with 500mm (19.7") wide pads

Hand held track control set with connection lead

Two speed tracks with 'soft start'

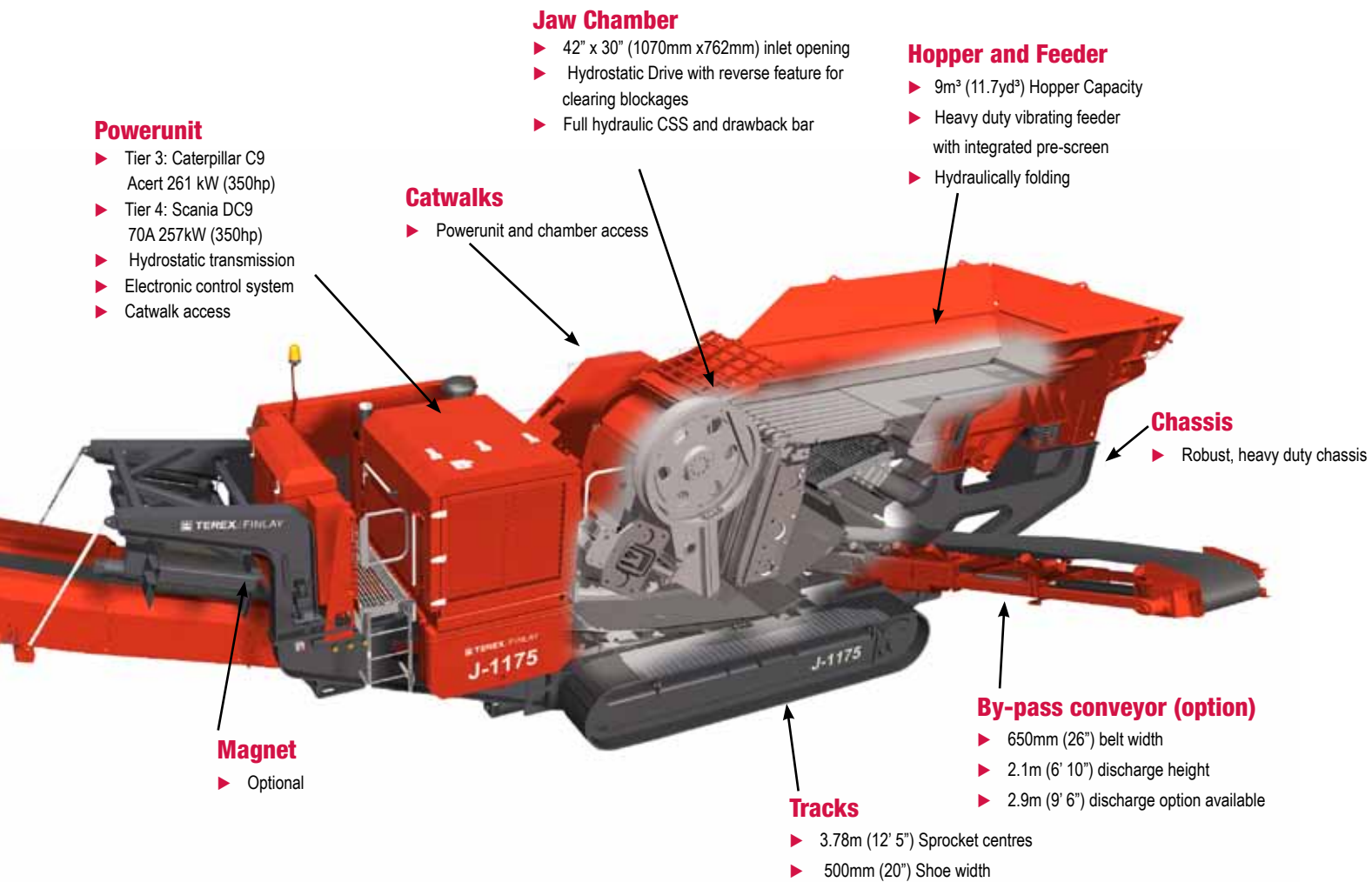
Safety guards in compliance with machinery directive

Emergency stops

Features:

- ▶ The robust high performance hydrostatically driven single toggle jaw chamber provides high capacity with large reduction ratio's.
- ▶ Automatic variable speed VGF ensures continuous choke feeding of the crushing chamber for optimal productivity.
- ▶ High powered hydrostatic drive ensures precise chamber controls and reverse functionality for clearing blockages and assisting in demolition and recycling applications.
- ▶ Fully hydraulic closed side setting minimises downtime and offers quick adjustment.





Transport Dimensions



Working Dimensions



Machine Weight: 51,300Kg (113,096lbs) *

*Operating Weight

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FINLAY J-1480

The Finlay J-1480 incorporates the Terex® Jaques JW55 single toggle jaw crusher which boasts a throughput capacity up to 750mtph depending on application and material. The machine is available with the optional direct drive which offers improved fuel efficiency and greater power utilisation or the standard hydrostatic drive which offers reversible operation for clearing blockages and for use in demolition applications. The large 10m³ hopper has hydraulically folding sides and hydraulic wedge clamp system providing faster machine set up time. The machine features a vibrating pan feeder and an aggressive independently driven pre-screen which provides optimum separation of dirt, fines and difficult materials.

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



Standard Features

Engine:

Caterpillar C13 328 kW (440hp) water cooled diesel engine

Jaw Chamber:

Jaques 1415mm x 820mm (55" x 32") single toggle jaw crusher

Hydrostatic drive and advanced electronic control system

Fully hydraulically adjustable closed side setting

Reversible operation for clearing blockages

Hopper/Feeder

10m³ hopper (13 yd³)

Heavy duty vibrating Pan & independent Pre-screen (100mm Standard spacing)

Mesh aperture on grizzly feeder: 38mm (1.49")

Selectable discharge to by-pass conveyor or main conveyor

Main Conveyor

1400mm (55") wide main belt fitted with impact bars at feed point

Skirting on discharge conveyor

High spec scraper at head drum

General

Dust suppression (no pump supplied) Main Conveyor fitted with hose & Spray bars as standard

Piped for overband magnet

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

Heavy duty undercarriage unit with 500mm (19.7") wide pads

Control operation of tracks via hand held set with connection lead

Two speed tracks with 'soft start'

Guards to M & Q specification

Low level greasing

Emergency stops (7 nr)

Electric refuelling pump

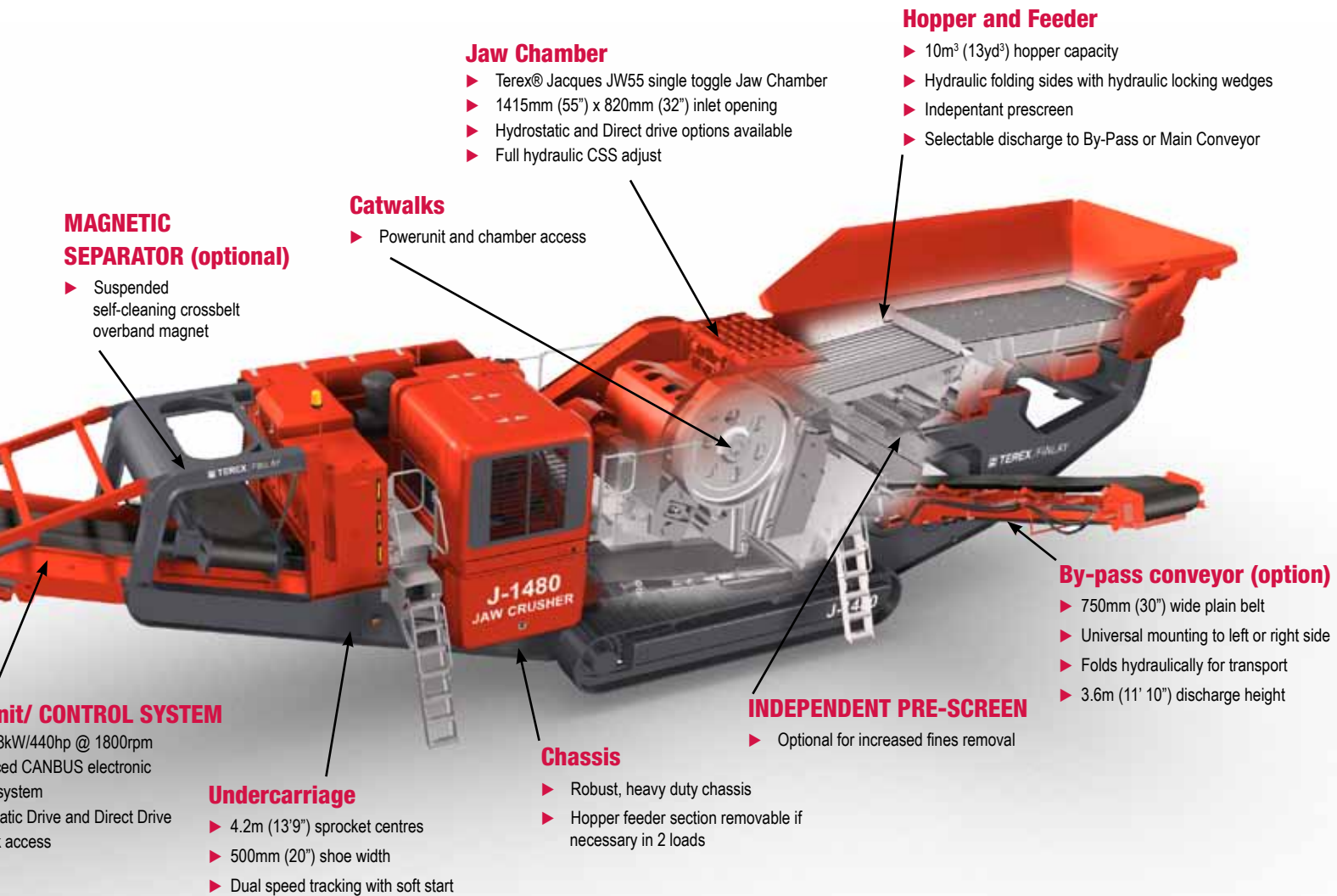
Features:

- ▶ Terex® Jaques Jaw with fully hydraulic adjustable closed side setting
- ▶ Hydrostatic & Direct drive systems with advanced electronic control system
- ▶ 10m³ (13yd³) hopper capacity. Optional hopper side extensions are available
- ▶ Independent VGF feeder and Pre-Screen
- ▶ Selectable discharge to by-pass conveyor or main conveyor

Power

- ▶ C13 328
- ▶ Advanced
- ▶ control s
- ▶ Hydrost
- ▶ Catwalk





Transport Dimensions



Working Dimensions



Machine Weight: 70,500kg (155,423 lbs)**

** Note – Standard Machine configuration (Without By-Pass Conveyor or Magnet)

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FINLAY I-110

The Terex® Finlay I-110 tracked impact crusher has been specifically designed for quarrying, mining, recycling and demolition applications. The Finlay I-110 features a 1000mm x 1000mm (40" x 40") hydrostatic drive impact chamber with variable rotor speed. The advanced electronic control system monitors and controls the speed of the rotor and regulates the VGF with integrated pre-screen to maintain a consistent feed of material into the impact chamber while maintaining optimal crushing capacity. The machine provides operators high material reductions ratios and produces a consistent product shape.

Standard Features

Engine:

Tier 3: Caterpillar C9 224kW (300HP) Engine

Tier 4: Scania DC9 70A 257kW (350hp) Engine

Chamber:

Impact chamber (3 bar rotor) 1000mm x 1000mm (40' x 40') (optional 4 Bar rotor)

Hydrostatic drive and advanced electronic control system

Hopper / Feeder:

5m³ Hopper (6.5yd³)

Heavy duty vibrating feeder (VGF) with integrated pre-sceen

Grizzly Bar spacing 40mm as standard

Mesh aperture on grizzly feeder: 30mm

Selectable discharge to by-pass conveyor or main conveyor

Main Conveyor:

Undercrusher vibratory plate feeder with wear stainless Steel

High spec scraper at head drum

General:

Piped for Dust suppression complete with spray bars

Galvanised catwalk c/w handrail, kickboard and access ladders

Heavy duty track unit - 3280mm (10' 9") sprocket centres, 400mm (16") shoe width

Hand held track control set with connection lead

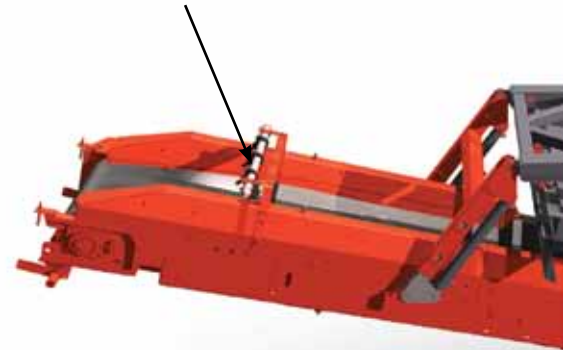
Single speed tracking

Safety guards in compliance with machinery directive

Emergency stops

Main Conveyor

- ▶ 900mm (36") Belt
- ▶ 3.6m (10' 10") Discharge height



Features:

- ▶ Fully hydraulic assisted apron setting features makes adjustment of the aprons convenient and efficient.
- ▶ Heavy duty vibrating feeder (VGF) with integral pre-screen removes dirt fines and sizes bypass material for reprocessing.
- ▶ Under crusher vibratory plate feeder with wear resistant liners aids material discharge flow and reduces under crusher blockages.
- ▶ Crusher chamber is supplied with a 3 bar rotor as standard with a 4 bar rotor available as an option



Powerunit

- ▶ Tier 3: CAT C9 224kW (300HP)
- ▶ Tier 4: Scania DC9 70A 257kW (350hp) Engine
- ▶ Hydrostatic transmission
- ▶ Electronic control system
- ▶ Catwalk access

Catwalks

- ▶ Convenient access around machine

Impact Chamber

- ▶ Ø40" (1m) x 40" (1m) Rotor
- ▶ Hydrostatic drive
- ▶ Hydraulic assisted adjust

Hopper and Feeder

- ▶ 5m³ (6.5yd³) Capacity
- ▶ 9m³ (10.4yd³) with optional extensions
- ▶ Integral pre-screen

By-pass conveyor

- ▶ 650mm (26") belt width
- ▶ 2m (6'8") discharge height
- ▶ 2.8m (9'2") discharge option available

Under Crusher Vibratory Feeder

- ▶ Perfect for recycling and demolition applications.

Tracks

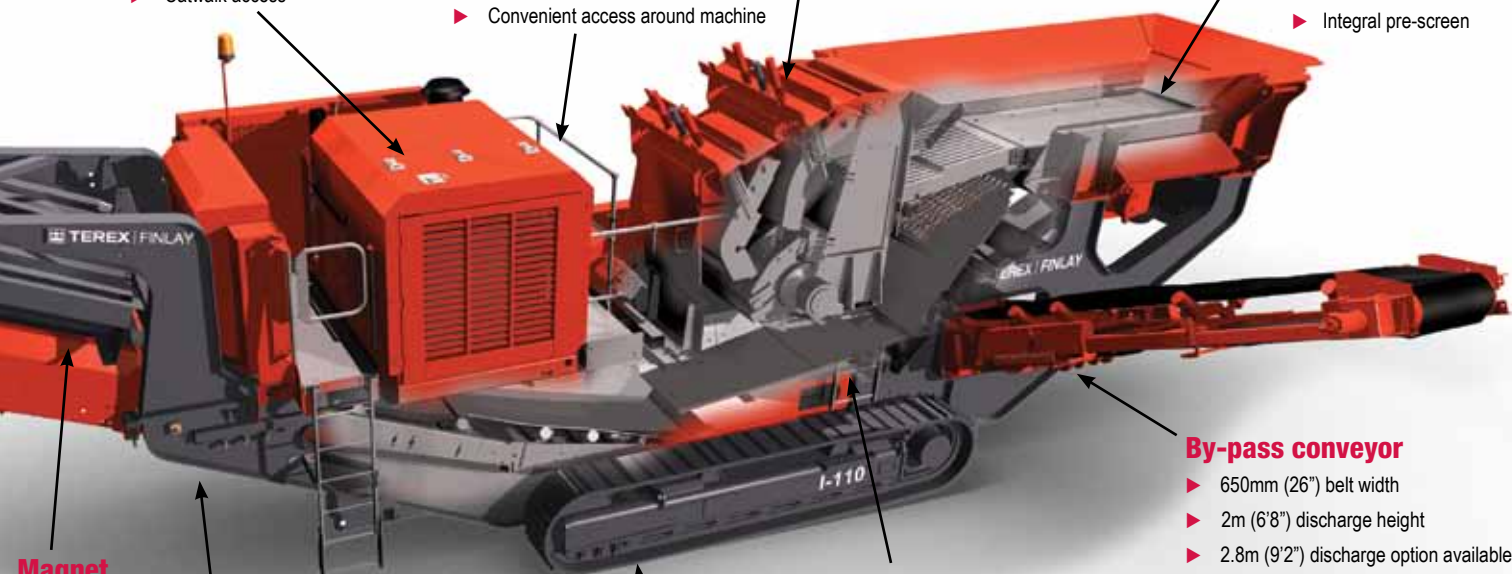
- ▶ 3.2m (10' 9") Sprocket centres
- ▶ 400mm (16") Shoe width

Chassis

- ▶ Robust, heavy duty chassis

Magnet

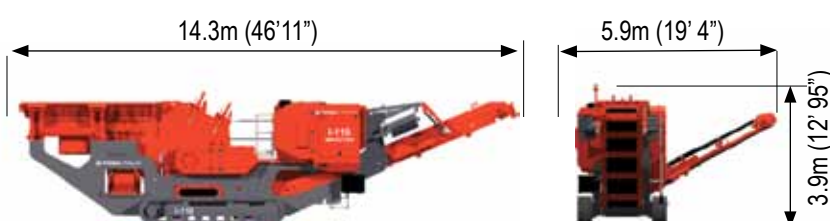
- ▶ Optional



Transport Dimensions



Working Dimensions



Machine Weight: 34,000Kg (74,957lbs) *

*Standard Machine configuration (Without By-Pass Conveyor or Magnet)

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FINLAY I-110RS

The Finlay I-110RS tracked impact crusher provides the versatility of a crushing and screening plant on one machine. Based on the Finlay I-110 this machine features an innovative quick detach 3.600mm x 1500mm (12' x 5") double deck screen for sizing and recirculating oversize material back to the crushing chamber. The sizing screen can be quickly removed for applications that do not require resizing or recirculating of materials further processing.

Standard Features

Engine:

Tier 3: Caterpillar C9 Acert Watercooled Diesel Engine 224kW (300Hp)

Tier 4: Scania DC9 70A 257kW (350hp) Engine (Tier 4)

Chamber:

Impact chamber 1000mm x 1000mm (40' x 40')

Hydrostatic drive and advanced electronic control system

Hopper/ Feeder:

5m³ Hopper (6.5yd³)

Heavy duty vibrating feeder (VGF) with integrated pre-screens

Grizzly Bar spacing 40mm (1.57") as standard

Mesh aperture on grizzly feeder: 30mm (1.18")

Selectable discharge to by-pass conveyor chute or main conveyor

Main Conveyor:

Undercrusher vibratory plate feeder with stainless steel liners

Skirting on main conveyor

High specification scraper at main conveyor head drum

Re-Circ system:

12' x 5' screen- supplied with 50mm (2") top dk mesh

Fines conveyor-1400mm (belt- hydraulically folding for transport

Transfer conveyors returning o/s from top deck to receive conveyor.

Recirculation conveyor- 500mm (20") feeding back to main hopper

General:

Piped for dust suppression

Galvanised catwalk c/w handrail, kickboard and access ladders

Heavy duty undercarriage with 400mm (16") shoes

Control operation of tracks with 5m (16' 4") connection lead

Single speed tracking with soft start

Guards to 'M&Q' Specification

Low level greasing

Emergency stops (6 nr)

Hopper and Feeder

- ▶ 5m³ (6.5yd³) Capacity
- ▶ 9m³ (10.4yd³) with optional extensions
- ▶ Integral pre-screen

Features:

- ▶ On board 3660mm x 1520mm (12' x 5') sizing screen passes oversize material back to the chamber via the on-board recirculating conveyor.

- ▶ The fines conveyor and screen can be hydraulically lowered for ease of service access and mesh changes.

- ▶ The onboard fines conveyor has a high discharge height of 3200mm (12' 1") for stockpiling or further processing by a secondary screener

Chassis

- ▶ Heavy duty chassis



By-pass conveyor

- ▶ 650mm (26") belt width
- ▶ 2m (6'8") discharge height
- ▶ 2.8m (9'2") discharge option available

Powerunit

- ▶ Tier 3: CAT C9 224kW (300HP)
- ▶ Tier 4: Scania DC9 70A 257kW (350hp) Engine
- ▶ Electronic control system
- ▶ Catwalk access

Magnet

- ▶ Optional

Main Conveyor

- ▶ 900mm (36") Belt

Fines Conveyor

- ▶ 1400mm (55") Belt width
- ▶ 3.2m (10'6") Discharge height

Screen box

- ▶ 12' x 5' top deck (3.6m x 1.5m)
- ▶ 10' x 5' bottom deck (3m x 1.5m)

Transfer conveyor

- ▶ Both Top & Bottom Deck (Bottom Deck Optional)
- ▶ 500mm (20") belt width

Recirculation conveyor

- ▶ Folds for transport
- ▶ 500mm (20") belt width

Tracks

- ▶ 3.2m (10'9") Sprocket centres
- ▶ 400mm (16") Shoe width

Impact Chamber

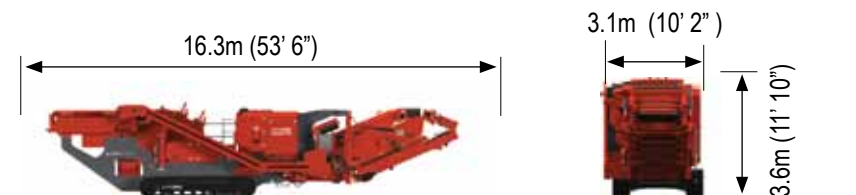
- ▶ Ø40" (1m) x 40" (1m) Rotor
- ▶ Hydrostatic drive
- ▶ Hydraulic assisted adjust

Under Crusher Vibratory Feeder

- ▶ Protects belt



Transport Dimensions



Working Dimensions



Machine Weight: 46000Kg (101413lbs) *

*Standard Machine configuration (Without By-Pass Conveyor or Magnet)

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FINLAY I-130

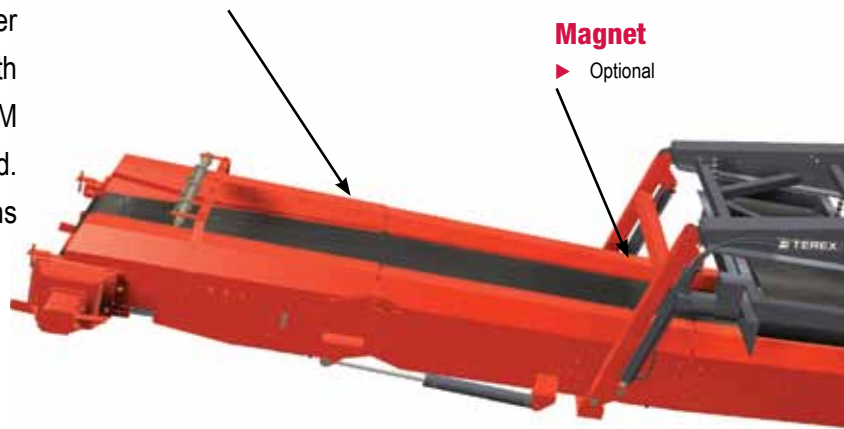
The Terex® Finlay I-130 tracked impact crusher has been specifically designed for quarrying, mining, recycling and demolition applications. The Finlay I-130 incorporates a Terex® Cedarapids 1313 impact chamber with direct drive and advanced electronic control system. The large hopper features a variable speed VGF feeder and is available with an optional independent pre-screen with constant RPM for optimum separation even if feeder speed is reduced. The machine provides operators high material reductions ratios and produces a excellent product shape.

Product Conveyor

- ▶ 1000mm (40") Belt
- ▶ 3.7m (12' 1") Discharge
- ▶ Hydraulic folding for transport

Magnet

- ▶ Optional



Standard Features

Engine:

Tier 3: CAT C13 328kW (440hp) Engine

Tier 4: Scania DC13 70A 331kW (450hp) Engine

Chamber:

Cedarapids IP1313 Impact chamber

4 bar rotor - Toolsteel blow bars 2 High & 2 Low (3 bar optional)

Direct Drive via Fluid Coupling

Hydraulically assisted apron setting

Hopper/ Feeder:

9m³ hopper capacity (11.7 yd³)

Hydraulically folding hopper sides

Heavy duty vibrating feeder

Stepped grizzly feeder with integrated pre-screen, standard 50mm grizzly spacing

Selectable discharge to by-pass conveyor or main conveyor

Mesh aperture on grizzly feeder: 38mm (1.5")

Main Conveyor:

1000mm (40") Rip stop full length belt

High spec scraper at head drum

Under crush pan feeder option

General:

Piped for dust suppression c/w Spraybars

Piped for overband magnet

Two speed tracking

Safety Guards in Compliance with Machinery Directive

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

Heavy Duty Track Unit - 3780mm (12' 5") Sprocket Centres, 500mm (20") Shoe Width

Emergency stops (6 nr)

Features:

- ▶ Fully hydraulic assisted apron setting features makes adjustment of the aprons convenient and efficient.
- ▶ Heavy duty vibrating feeder (VGF) with integral pre-screen removes dirt fines and sizes bypass material for reprocessing.
- ▶ Optional under crusher vibratory plate feeder with wear resistant liners aids material discharge flow and reduces under crusher blockages.
- ▶ Efficient direct drive crusher chamber is supplied with a 4 bar rotor as standard with a 3 bar rotor available as an option.



Powerunit

- ▶ CAT C13 328kW (400HP)
- ▶ Direct drive via fluid coupling
- ▶ Electronic control system
- ▶ Catwalk access

Catwalks

- ▶ Powerunit and chamber access

Impact Chamber

- ▶ Ø1270mm x1220mm (Ø50" x 48") rotor
- ▶ Direct drive
- ▶ Hydraulic assist setting

Hooper and feeder

- ▶ 9m³ (11.7yd³) Capacity
- ▶ Hydraulic folding

Independent Hydraulic Pre-screen

- ▶ Optional - For increased fines removal

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

Under-crusher vibratory feeder (optional)

- ▶ Full belt available std

Direct Crusher Drive

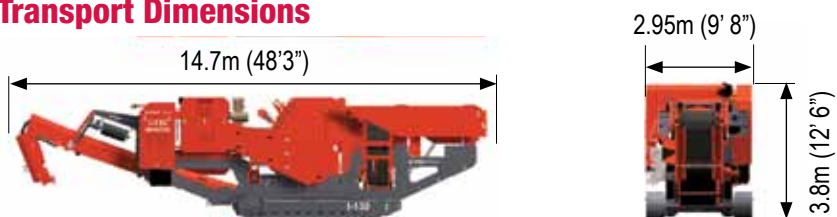
- ▶ Via fluid coupling and 'v' belt
- ▶ Increased operating efficiency

Tracks

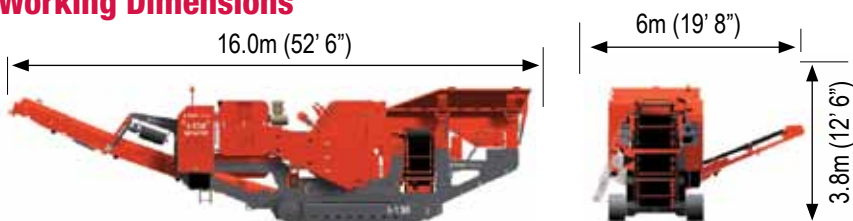
- ▶ 3.78m (12' 5") Sprocket centres



Transport Dimensions



Working Dimensions



Machine Weight 49,000Kg (108,026 lbs) *

*Standard Machine configuration (Without By-Pass Conveyor or Magnet)

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FINLAY I-130RS

The Finlay I-130RS tracked impact crushers provides the versatility of a crushing and screening plant on one machine. Based on the Finlay I-130 the machine features an innovative quick detach 4270mm x 1520mm (14' x 5') single deck screen for sizing and recirculating oversize material back to the crushing chamber. The sizing screen can be quickly removed for applications that do not require resizing or recirculation of materials for further processing.

Standard Features

Engine:

Tier 3: CAT C13 328kW (440hp) Engine

Tier 4: Scania DC13 70A 331kW (450hp) Engine

Chamber:

Cedarapids IP1313 Impact chamber (4 bar rotor) toolsteel blow bars 2 Hi & 2 Low

Direct drive via fluid coupling

Hydraulically assisted apron setting

Hopper/ Feeder:

9m³ hopper capacity (11.7 yd³)

Hydraulically folding sides

Heavy duty vibrating feeder

Stepped grizzly feeder with integrated pre-screen, standard 50mm grizzly spacing

Selectable discharge to by-pass conveyor or main conveyor

Mesh aperture on grizzly feeder: 38mm

Main Conveyor:

1000mm (40") Rip stop full length belt

High spec scraper at head drum

Under pan optional

Recirculation Conveyor:

500mm(20") Wide Belt

Folding for transport

Fines Conveyor Conveyor:

1400mm (55") Wide Belt

Discharge Height 3.2m (10' 7")

Screen:

4.27m x 1.52m (14' x 5') Single Deck Screen

Quick detach screen and fines for more versatility

Screen angle from 17° to 25°

40mm aperture fitted as standard

Transfer Conveyor:

500mm(20") Wide Belt

General:

Piped for dust suppression

Piped for overband magnet

Two speed tracks with 'soft start'

Control operation of tracks via hand held set with 5m connection lead

Guards to M & Q specification

Low level greasing

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

Heavy duty undercarriage unit with 500mm (20") wide pads

Emergency stops (6 nr)

Screen

- ▶ 4.27m X 1.52m (14' X 5') Single Deck screen
- ▶ Quick detach screen and fines for more versatility.
- ▶ Screen angle from 17° to 35°

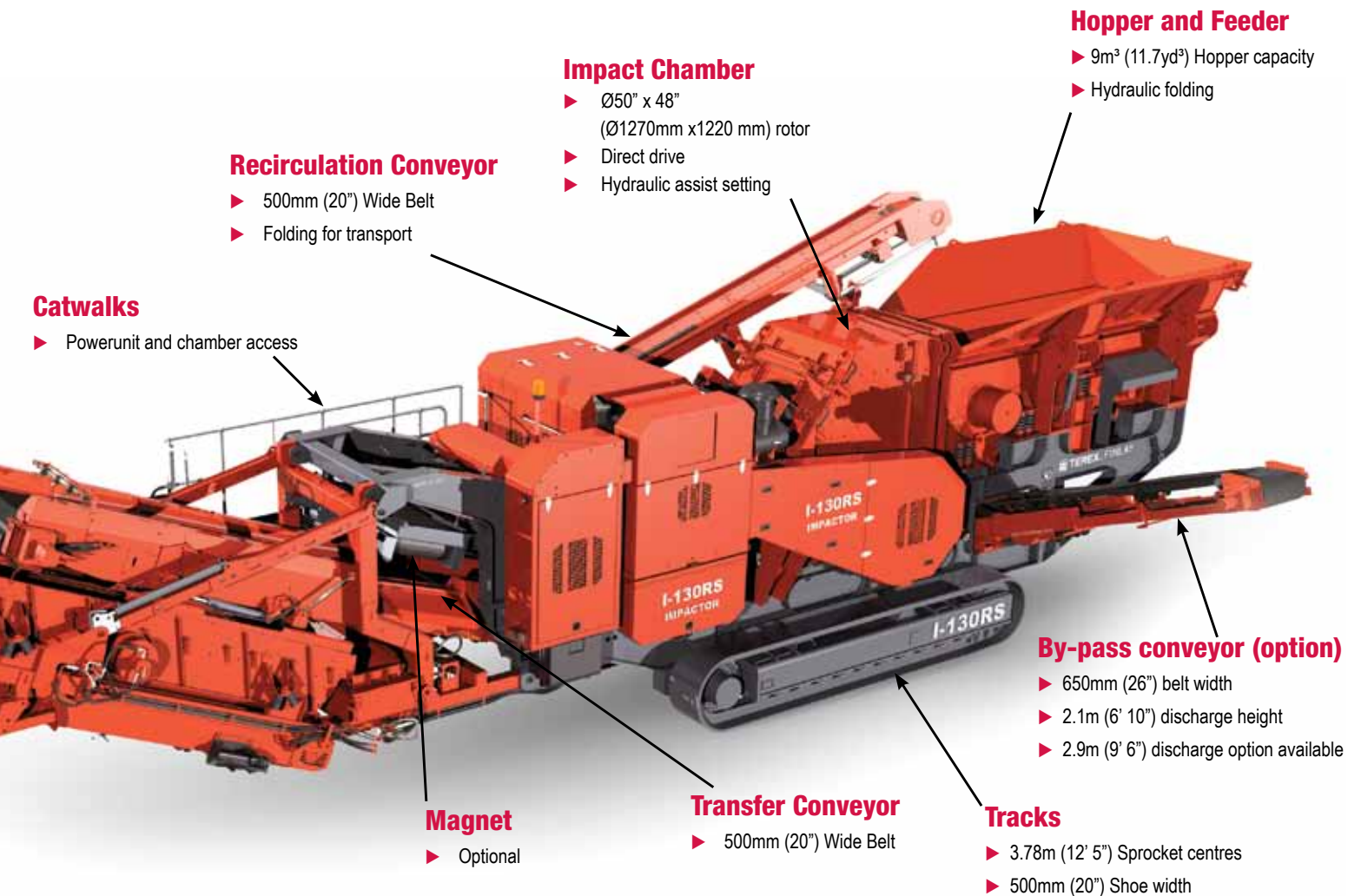
Main Conveyor

- ▶ 1000mm(40") Rip stop belt full length belt
- ▶ High spec scraper at head drum
- ▶ Discharge height 3.7m (12' 10")

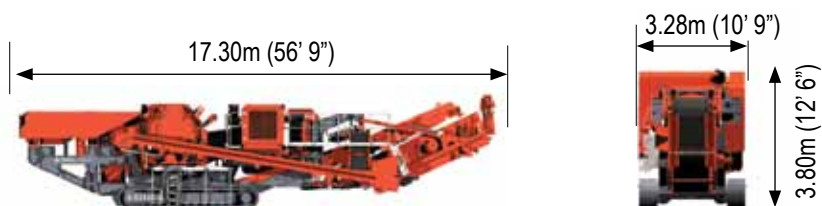
Features:

- ▶ Detachable 4270mm x 1520mm (14' x 5') single deck screen passes oversize material back to the crusher via the on-board recirculating system.
- ▶ Quick and easy detachable screen and fines conveyor for open circuit crushing.
- ▶ The onboard fines conveyor has a high discharge height of 3700mm (12' 10") for stockpiling or further processing by a secondary screener

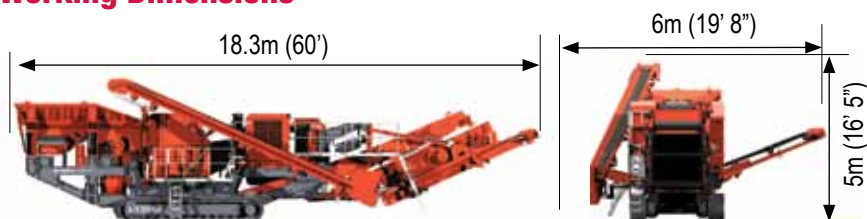




Transport Dimensions



Working Dimensions



Machine Weight: 59,000Kg (130,090 lbs) *

*Standard Machine configuration (Without By-Pass Conveyor or Magnet)

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CUSTOMER FIRST AND

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.

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.



TEREX® | FINLAY

I-110RS

WAYS

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.

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.



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FINLAY C-1540

The Terex Finlay C-1540 tracked mobile cone crusher has a proven pedigree in aggregate and ore surface mining applications. This efficient and productive machine incorporates the proven Terex® 1000 cone crusher with direct variable hydrostatic drive, automatic tramp relief and hydraulic closed side setting (CSS) adjustment.

The Terex Finlay C-1540 can be fitted with an optional patented pre-screen module which allows fines materials to bypass prior to being fed to the crushing chamber offering better wear rates in the crushing chamber. The large hopper/feeder has an automated metal detection and a purge system to protect the cone and reduce downtime by removing metal contaminants via the purge chute.

Additional benefits include, rapid set up time, ease of maintenance, high reduction ratio, high output capacity and advanced electronic control system.



Main Conveyor

- ▶ 900mm (36") Belt
- ▶ 3.3m (10' 10") Discharge

STANDARD FEATURES

Engine:

Tier 3: Caterpillar C9 Acert 261 kW (350hp)

Tier 4: Scania DC9 70A 257kW (350hp)

Feeder Conveyor / Hopper:

5m³ (6.5yd³) hopper capacity

Wear resistant liner plates

1050mm (42") wide belt

Metal detector

Metal purge system

Cone:

Terex 1000 Cone chamber, 1000mm (40") head diameter

Long throw eccentric, medium coarse concave (max feed size 160mm (6.3"))

Hydrostatic cone drive with electronic speed control system

MAIN CONVEYOR:

900mm (36") wide belt

High spec scraper at head drum

Dust Covers

Wear resistant liners at crusher discharge point

General:

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

Heavy duty track unit, sprocket centres 3.8m (12.8'), pad width 500mm (20")

Hand held track control set with connection lead

Safety guards in compliance to machinery directive

Two auxiliary drives

Emergency stops

Piped for dust suppression c/w spraybars

Features:

- ▶ Direct hydrostatic cone drive with variable speed control gives efficient production and application versatility.
- ▶ Optional pre-screen module maximises production and reduces wear on the chamber by removing fine material before it enters the cone.
- ▶ Metal detection system on feed belt with 'auto-stop' protects the cone from tramp metal and the purge system removes contaminants from the machine.



TEREX® | **FINLAY**

Powerunit

- ▶ Tier 3: CAT C9 261kW (350hp)
- ▶ Tier 4: Scania DC9 70A 257kW (350hp)
- ▶ Hydrostatic transmission
- ▶ Electronic control system
- ▶ Catwalk access

Pre-screen

- ▶ 1830mm x 1220mm (6'x 4')
- ▶ Single deck

Transfer conveyor

- ▶ 1000mm (40") Belt

Hopper and Feeder

- ▶ 5m³ (6.5yd³) Capacity
- ▶ 1050mm (42") Belt width
- ▶ Metal detection system

Fines Chute

Cone Chamber

- ▶ Ø40" (1000mm) head
- ▶ Direct Hydrostatic drive

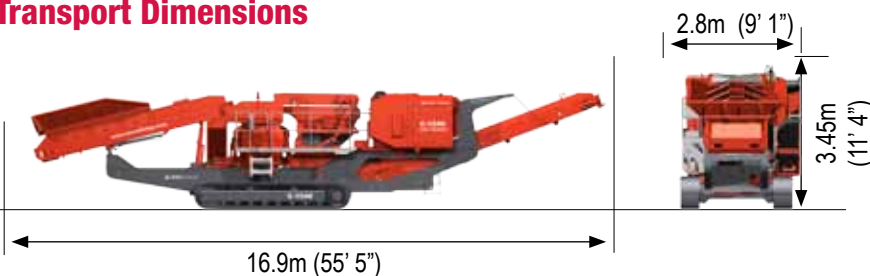
Metal Purge Chute

Tracks

- ▶ 3.8m (12' 6") Sprocket centres
- ▶ 500mm (20") Shoe width



Transport Dimensions



Working Dimensions



Machine Weight: 38,300Kg (84,437lbs) *

*Machine with optional Pre-screen fitted

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FINLAY C-1540RS

The self-propelled Terex Finlay C-1540RS tracked mobile cone crusher provides the versatility of a crushing and screening plant on one machine in aggregate and ore surface mining applications. Based on the proven and tested Terex Finlay C-1540 cone crusher, this machine variant features an innovative on-board recirculating system and detachable sizing screen. If recirculation and sizing of materials is not required the sizing screen can be quickly detached from the machine without the need for lifting equipment.

The Terex Finlay C-1540RS can be fitted with an optional patented pre-screen module which allows fines materials to be removed prior to being fed to the crushing chamber offering higher production with lowest cost per ton wear and running costs. The large hopper/feeder has an automated metal detection and a purge system to protect the cone and reduce downtime by removing metal contaminants from the feed belt.

STANDARD FEATURES

Engine:

Tier 3: Caterpillar C13 Acert 328 kW (440hp) water cooled engine

Tier 4: Scania DC13 70A 331kW (450HP)

Feeder Conveyor / Hopper:

5m³ (6.5yd³) hopper capacity

Wear resistant liner plates

1050mm (42") wide belt

Metal detector

Metal purge system

Cone:

Terex 1000 Cone chamber, 1000mm (40") head diameter

Long throw eccentric, medium coarse concave (max feed size 160mm (6.3"))

Hydrostatic cone drive with electronic speed control system

Main Belt:

900mm (36") wide belt

High spec scraper at head drum

Dust Covers

Wear resistant liners at crusher discharge point

Re-Circulating System:

3.66m x 1.52m (12' x 5') two deck screen

Top deck mesh fitted to screen - 40mm (1.6") aperture fitted unless specified otherwise

Oversize transfer conveyor, re-circulating conveyor and fines conveyor fitted as standard

Quick detach screen and fines conveyor

Note:- Middle grade transfer conveyor is not fitted, this is only an option

General:

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

Heavy duty track unit, sprocket centres 3.8m (12.8'), pad width 500mm (20")

Hand held track control set with connection lead

Single speed tracking

Safety guards in compliance to machinery directive

One auxiliary drive

Emergency stops

Piped for dust suppression c/w spraybars

High specification oil cooler

Hopper and Feeder

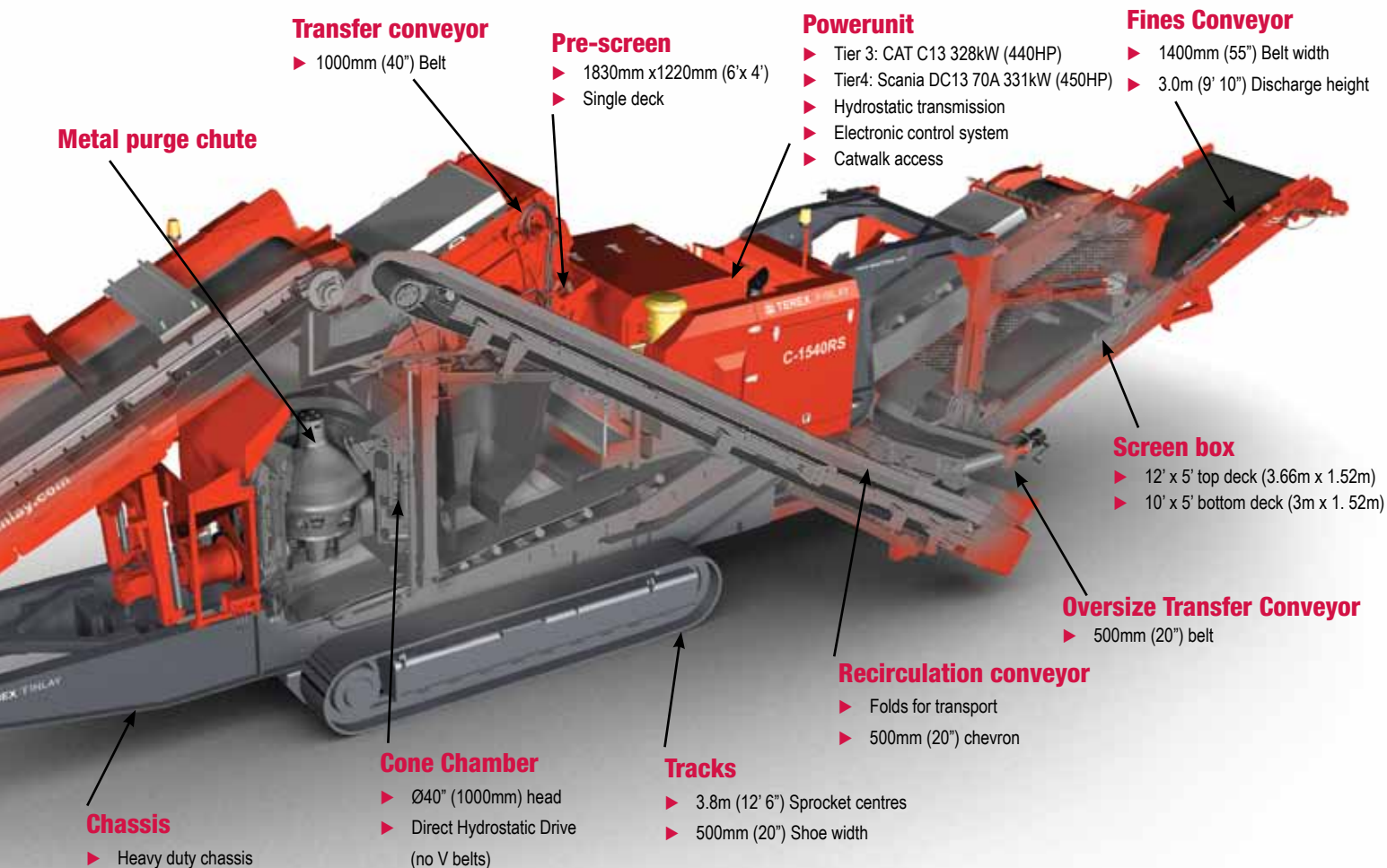
- ▶ 5m³ (6.5yd³) Capacity
- ▶ 1050mm (42") Belt width
- ▶ Metal detector system



Features:

- ▶ Detachable 12' x 5' (3.66m x 1.52m) double deck sizing screen passes oversize material back to the crusher via the on-board recirculating conveyor.
- ▶ Quick and easy detachable screen and fines conveyor for open circuit crushing.
- ▶ The optional stacking conveyor in conjunction with the optional lower deck screen, produces a 2nd spec'd product.

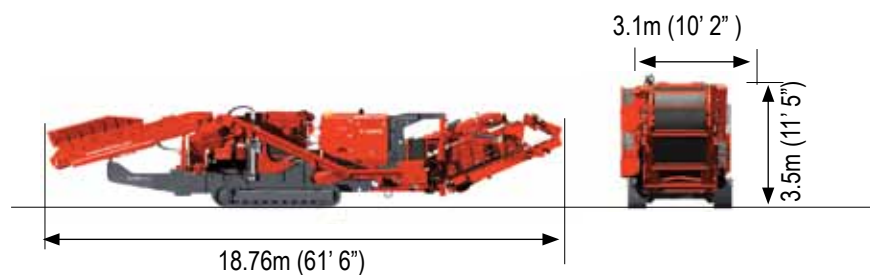




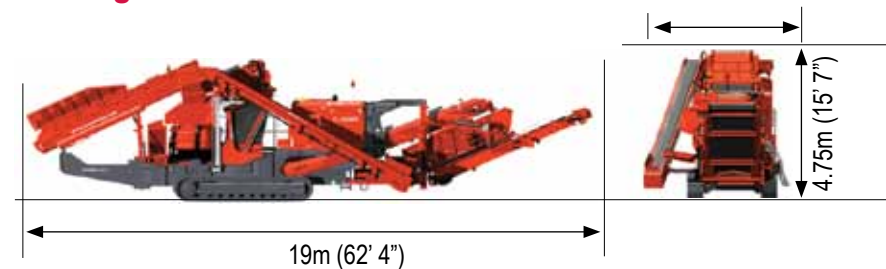
Machine Weight: 45,600kgs (100,531lbs)*

*Machine with optional Pre-screen fitted

Transport Dimensions



Working Dimensions



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FINLAY C-1550

Terex Finlay C-1550 leads the way. The self-propelled Terex® Finlay C-1550 incorporates the proven Terex® 1300 cone crusher driven through by direct drive. The machine features an optional pre-screen module with a single deck 2.45m x 1.52m (8' x 5') screen for removal or bypass of fines from the feed material. The integrated chute system, below the pre-screen, allows the fines material to be discharged from the machine using the optional by-pass conveyor or reintroduced onto the main product conveyor. Both methods improve the overall plant throughput capacity, product flexibility and liner wear reduction. The cone features variable speed drive, hydraulic tramp relief system and ability to change closed side setting while crushing. The large hopper/feeder has an automated metal detection and a purge system to protect the cone and reduce downtime by removing metal contaminants via the purge chutes.

The hydraulically adjustable feed conveyor allows the machine to be operated using either the innovative pre-screen system or if required by feeding directly into the cone.

Main Conveyor

- ▶ 1200mm (47") heavy Duty Plain Belt
- ▶ 3.8m (12.8') Discharge Height
- ▶ Hydraulically Folding for Transport
- ▶ Stockpile Sensor



STANDARD FEATURES

Engine:

Caterpillar C15 390 kW (522hp)

Feeder Conveyor / Hopper:

8m³(10.4yd³) hopper capacity

1200mm (47") wide belt

Metal detector

Metal contaminants purge system

Wear resistant liner plates

Cone:

Terex 1300 Cone chamber, 1300mm (51") head diameter

Standard liner configuration (max feed size 220mm)

Direct cone drive via wet clutch.

Main Conveyor:

1200mm (47") wide belt

High spec scraper at head drum

Wear resistant liners at crusher discharge point

Dust Covers

Stockpile sensor

General:

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

Heavy duty track unit, sprocket centres 3.8m (12.8'), pad width 500mm (20")

Hand held tracking control with connection lead

Two speed tracking

Safety guards in compliance to machinery directive

Two auxiliary drives

Emergency stops

Piped for dust suppression c/w spraybars

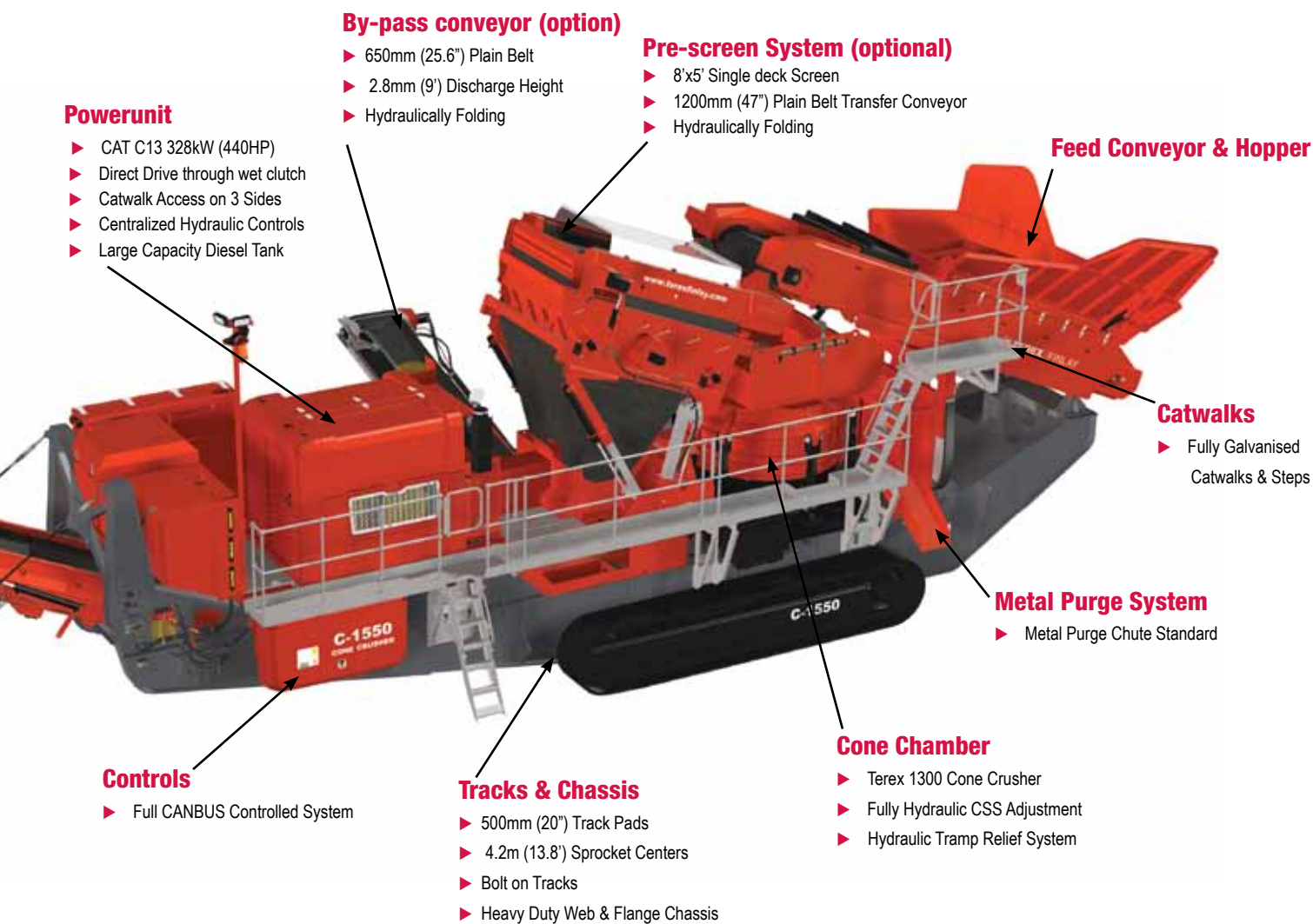
Electric pump refuelling kit

Features:

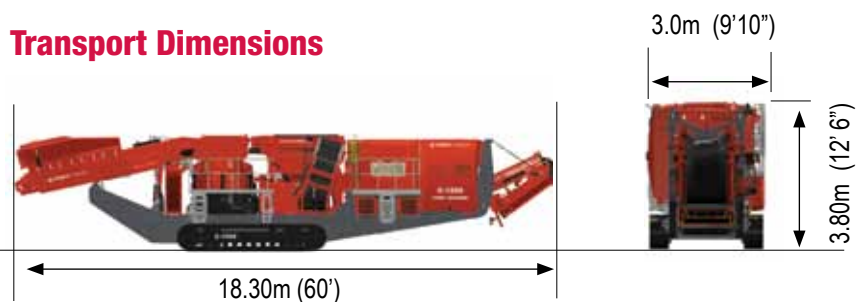
- ▶ Fully Hydraulic CSS Adjustment with electronic monitoring system ensures ease of operation.
- ▶ Fuel efficient direct drive transmission through wet clutch
- ▶ Hydraulic Tramp Relief System with automatic reset protects the chamber and minimises downtime.
- ▶ Metal detection system on feed belt with 'auto-stop' protects the cone from tramp metal and the controllable purge system removes metal contaminants via the purge chute.



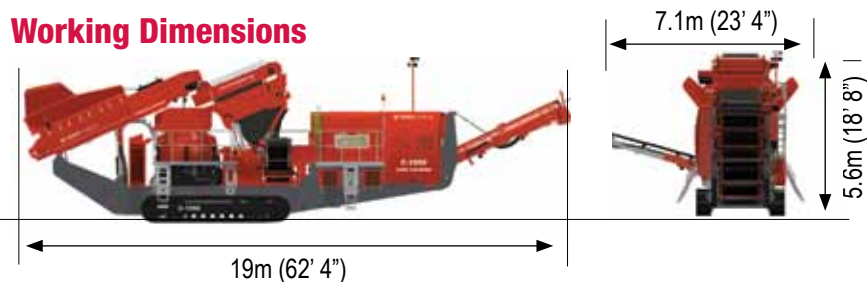
TEREX® | **FINLAY**



Transport Dimensions



Working Dimensions



Machine Weight: 66,000kg (145,505lbs)

*Machine with optional Pre-screen fitted

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