

CRUSHING & SCREENING SOLUTIONS





A DYNAMIC GLOBAL BUSINESS

A FOUNDATION OF STRENGTH

Terex® Finlay was founded over 55 years ago and is a recognized global pioneer in the manufacture of mobile crushing and screening equipment for the quarrying, mining, construction, demolition and recycling industries.

Our parent company, Terex Corporation, is a global manufacturer of a diverse range of equipment for the construction, infrastructure, extraction, shipping, transportation, public service and industrial segments. Terex Corporation generates annual revenues of more than \$7.0 billion.

TEREX FINLAY. OUR HISTORY - A pedigree to be proud of:

1958:	John Finlay manufactures his first block making machine.
1961:	First Finlay mobile screening unit introduced to UK and Irish markets.
1976:	Screening production relocated to a purpose built manufacturing facility in Omagh, Northern Ireland
1999:	Finlay operation acquired by Terex Corporation
2005:	Begin manufacturing tracked mobile crushers. Launch J-1175 jaw crusher and I-1312 impact crusher
2006:	Introduction of I-110 impact crusher. Second generation 883 heavy duty scalper launched
2007:	Introduction of J-1160 jaw crusher, I-110RS impact crusher with detachable screen and recirculation system,
	Introduction of C-1540 cone crusher
2008:	Introduction of the 984 horizontal screen, the C-1540RS cone crusher with detachable screen and recirculation
	system and a second generation J-1175 jaw crusher
2009:	Introduction of J-1480 jaw crusher and I-130 impact crusher
2010:	Introduction of C-1550P cone crusher and launch of second generation 693+ and 694+ inclined screens
2011:	Introduction of 863 heavy duty scalper
2012:	Introduction of 684 inclined screen, J-1170 jaw crusher and I-100 impact crusher
2013:	Introduction of 694+ diesel/electric inclinded screen, 883 Spaleck heavy duty scalper,
	893 heavy duty scalper and 1-100RS impact crusher
2014:	Introduction of Dual Power Train:- C-1540 dual power cone crusher, J-1175 dual power jaw crusher, 694+ dual power inclined screen.
	Also the introduction of the C-1550 cone crusher, J-1170AS jaw crusher, J-960 jaw crusher,
	J-1175 dual power jaw crusher, 693+ Spaleck inclined screen, 883+ and 883+ Spaleck heavy duty screener
2015:	Introduction of 873 heavy duty scalper, 873 Spaleck heavy duty scalper, J-960 jaw crusher, C-1545 cone crusher,
	C-1545P cone crusher, C-1554 cone crusher
2016:	I-140 impact crusher, 674 inclined screen, and more new product introductions scheduled a future to get excited about







The Terex Finlay J-960 is a compact and aggressive mobile jaw crusher incorporating a proven direct drive single toggle jaw crusher which gives high capacity with large reduction capacities. The plant features a heavy duty hopper with integrated vibrating grizzly and pan feeder as standard. Its compact size, excellent mobility and high crushing capacity even at tight settings in recycling and hard rock operations make the J-960 ideal for small to medium sized operators.



Working Dimensions







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

Features:

- The robust high performance single toggle jaw crusher provides high capacity with large reduction ratio's.
- Hydraulically folding feed hopper incorporating an integrated heavy duty stepped pan and feeder.
- Direct drive jaw chamber gives efficient production and application versatility.
- Selectable discharge to by-pass conveyor or main conveyor maximizes production and reduces wear on the chamber by removing fine material before it enters the jaw.

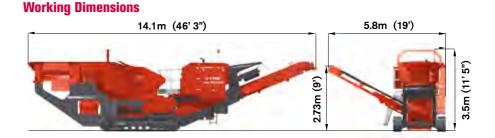
The Terex Finlay J-1160 is a compact and aggressive tracked mobile primary jaw crusher.

Incorporating the Terex Jaques JW40 jaw crusher a heavy duty VGF feeder and an integrated prescreen system the Terex Finlay J-1160 gives optimum production in guarrying, 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.

Transport Dimensions





Machine Weight: 34,740kg (76,588lbs) (without by-pass conveyor and magnet options) 36,740kg (80,997lbs)(with by-pass conveyor and magnet options)

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.



The Terex Finlay J-1170 is a compact and aggressive tracked primary jaw crusher. The heartbeat of the machine is a robust hydrostatically driven Terex jaw chamber which provides high capacity with large reduction ratios. The jaw chamber configuration can be set up specifically for quarrying applications or processing construction demolition debris using the hydraulic release chamber option.

The J-1170 features a heavy duty variable speed VGF and integrated prescreen giving excellent production throughput in quarrying, mining, demolition and recycling applications. Notable options include a variable speed pan feeder along with an independent prescreen system. The J-1170's 48.8 tonne / 107,585lbs transport weight and compact dimensions mean lower transport costs between and within crushing sites.

Features:

- The robust high performance hydrostatically driven single toggle jaw chamber provides high capacity with large reduction ratios.
- Automatic variable speed VGF ensures continuous choke feeding of the crushing chamber for optimal productivity.
- High powered hydrostatic drive ensures precise chamber control and reverse functionality for clearing blockages and assisting in demolition and recycling applications.
- Hydraulically assisted closed side setting adjustment minimises downtime and offers quick adjustment.
- Its compact size, quick set up times, ease of transport and user friendly operational features make the J-1170 ideal for all sized operators.

Transport Dimensions



Working Dimensions





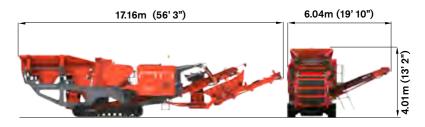
Machine weight: 48,800kg (107,585lbs) (with HA chamber, VGF, single pole magnet, by-pass conveyor, and standard main conveyor) other options available

The J-1170AS iaw crusher provides the flexibility of a crushing and screening plant on one machine. This aggressive machine features a detachable on-board sizing screen. The heartbeat of the machine is a robust hydrostatically driven Terex jaw chamber which provides high capacity with large reduction ratios. The jaw chamber configuration can be set up specifically for quarrying applications or processing construction demolition debris using the hydraulic release chamber option. The J-1170AS features a heavy duty variable speed VGF and integrated prescreen giving excellent production throughput in quarrying, mining, demolition and recycling applications.

Transport Dimensions



Working Dimensions





Machine weight: 54,500kg (120,151lbs) (with HA chamber, VGF, single pole magnet, by-pass conveyor, Afterscreen system) other options available

Features:

On board After Screen delivering a single sized product removing the need for a second machine.

After Screen system can be removed quickly allowing the operator to use as a standard unit, giving the operator versatility depending on the application.

> Automatic variable speed VGF ensures continuous choke feeding of the crushing chamber for optimal productivity.

High powered hydrostatic drive ensures precise chamber control and reverse functionality for clearing blockages and assisting in demolition and recycling applications.

Hydraulic assisted closed side setting adjustment minimises downtime and offers quick adjustment.



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 Terex Finlay J-1175 ideal for quarrying, mining, demolition and recycling applications.



15.7m (51'8")

6.2m (20' 4")

Transport Dimensions

Working Dimensions

The dual powered Terex Finlay J-1175 jaw crusher offers operators the flexibility to power the plant either by mains electric connection or the onboard genset powerpack configuration. Either power option presents operators with significant power, servicing and maintenance cost savings in direct comparison to a diesel/ hydraulic powered plant.



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.

Machine Weight: 50,360kg (111,025lbs) (VGF,without by-pass conveyor and magnet options) 52,360kg (115,434lbs) (VGF, with by-pass conveyor and magnet options)

The plant incorporates the robust Terex JW42 high performance electrically driven single toggle jaw chamber and a heavy duty VGF feeder to give optimum production in quarrying, mining, demolition and recycling applications. Additional benefits include, rapid set up time, ease of maintenance, high reduction ratio, high output capacity and advanced electronic control system.

Transport Dimensions









The plant's electrically driven power systems provide significant cost advantages and efficiencies.

Superior performance in dusty applications and in high altitude environments.

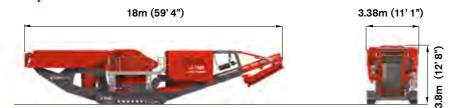
Automatic variable speed VGF ensures continuous choke feeding of the crushing chamber for optimal productivity.

High powered electric drive ensures precise chamber controls and reverse functionality for clearing blockages and assisting in demolition and recycling applications.

Machine Weight: 53,250kg (117,396lbs) (VGF, without by-pass conveyor and magnet options) 55,500kg (122,356lbs) (VGF, with by-pass conveyor and magnet options)











The Terex Finlay I-100 tracked impact crusher has been specifically designed for quarrying, recycling and demolition applications. The I-100 features a Ø860mm x 860mm (Ø34" x 34") direct drive impact chamber with variable rotor speed. The advanced electronic control system monitors, controls and regulates the speed of VGF with, integrated prescreen, to maintain a consistent feed of material into the impact chamber while maintaining optimal crushing capacity. The machine provides operators high material reduction ratios and produces a consistent product grading.



Working Dimensions





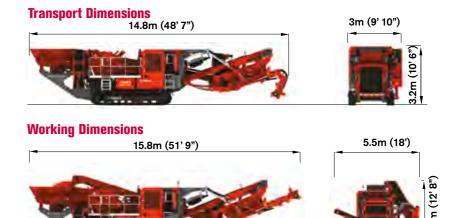


Machine weight: 27,000kg (59,525lbs) (With by-pass conveyor & twin pole magnet)

Features:

- Hydraulic apron setting assist provides convenient and efficient adjustment of the aprons.
- Hydraulic overload protection provides instant protection for uncrushable material.
- Heavy duty vibrating feeder (VGF) with integrated pre-screen helps by-pass dirty fines
- Direct drive crusher chamber with independent belt tensioner allowing for rapid adjustment.
- Crusher chamber is supplied with a 4 bar rotor and two apron design for large reduction ratios.

The Terex® Finlay I-100RS direct drive ø860mm x 860mm (Ø34" x 34") horizontal impact crusher with variable speed gives operators unprecedented levels of fuel efficiency and production in both recycling and quarrying applications. The machine features a 2.44m x 1.2m (8' x 4') single deck screen for sizing and recirculating oversize material back to the crushing chamber and the sizing screen can be quickly detached for applications that do not require resizing or recirculation of materials for further processing. The I-100RS features hydraulic folding of all conveyors providing rapid set-up times and easy point to point moves when operating on multiple sites.



Features:

- Direct drive Ø860mm x 860mm (Ø34" x 34") crusher chamber with unique belt tensioner system allowing for rapid adjustment.
- Hydraulic apron setting assist provides convenient and efficient adjustment of the aprons and hydraulic overload protection in event that an un-crushable object enters chamber.
- Detachable 2.44m x 1.2m (8' x 4') single deck screen returns oversize material back to the crusher via the on-board recirculating system.
- Quick and easy detachable screen, fines and transfer conveyor for open circuit crushing.
- Optional undercrusher pan feeder provides complete belt protection in recycling applications.



The Terex Finlay I-110 tracked impact crusher has been specifically designed for quarrying, mining, recycling and demolition applications. The Terex Finlay I-110 features a Ø1000mm x 1000mm (Ø40" 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 reduction ratios and produces a consistent product shape.



Working Dimensions





- 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 4 bar rotor as standard with a 3 bar rotor available as an option.

Machine Weight: 34,000kg (74,957lbs) (without by-pass conveyor and magnet options)

The Terex Finlay I-110RS tracked impact crusher provides the versatility of a crushing and screening plant on one machine. Based on the Terex Finlay I-110 this machine features an innovative quick detach 3.66m x 1.53m (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.







Features:

On board 3.66m x 1.53m (12' x 5') sizing screen passes oversize material back to the chamber via the onboard 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 3m (9'10") for stockpiling or further processing by a secondary screener.

Machine Weight: 46,000kg (101,413lbs) *Standard Machine configuration











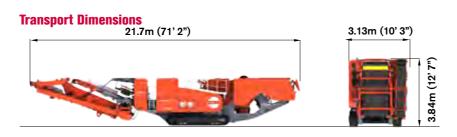
The Terex Finlay I-140RS shapes the future through innovation. This new generation impact crusher with redefined style and advanced technological design gives improved material flow and production capabilities in quarrying, mining, demolition and recycling applications. Incorporating the Terex® CR032 impact chamber with direct drive and advanced electronic control system the machine provides operators with high material reduction ratios and produces a consistent product shape.

A key component of the machine is the on-board innovative quick detach 4.8m x 1.5m (16' x 5') single deck screen. For applications not requiring recirculation of materials for further processing or stockpiling the complete screening and recirculating system can be quickly detached from the machine.

The high productivity, ease of maintenance and operation makes the machine an ideal solution for large scale producers and contract crushing operators.

Features:

- ▶ The ease of material flow through the machine has greatly improved with each component increasing in width as the material moves through the machine.
- ▶ Fully hydraulic assisted apron setting features makes adjustment of the aprons convenient and efficient.
- ▶ Heavy duty vibrating grizzly feeder (VGF) with integral pre-screen removes dirt fines and sizes bypass material for reprocessing.
- > Quick on-board detachable recirculating system including large 4.8m x 1.5m (16' x 5') single deck screen.
- Recirculating conveyor can be rotated from closed loop configuration or utilized for stockpiling making an additional oversized product.







Machine weight: 71,200Kg (156,969lbs) *est (with Prescreen, by-pass conveyor, underpan & magnet options)







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.







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.

The dual powered Terex Finlay C-1540 cone crusher offers operators the flexibility to power the plant either by mains electric connection or the onboard genset powerpack configuration. Either power option presents operators with significant power, servicing and maintenance cost savings in direct comparison to a diesel/ hydraulic powered plant.

This energy efficient and productive machine incorporates the proven Terex® 1000 cone crusher with direct electric drive, automatic tramp relief and hydraulic closed side setting (CSS) adjustment. The Terex Finlay C-1540E 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.

Features:

▶ The plant's electrically driven power systems provide significant cost advantages and efficiencies.

Superior performance in dusty applications and in high altitude environments.

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.

Transport Dimensions



Working Dimensions





Machine Weight: 45,320kg (99,914lbs) (With optional pre-screen)









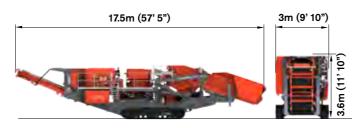
The Terex® Finlay C-1545P incorporates the Terex 1150 cone crusher driven through by direct Transport Dimensions clutch drive with variable speed, automatic tramp relief and hydraulic closed side setting (CSS) adjustment.

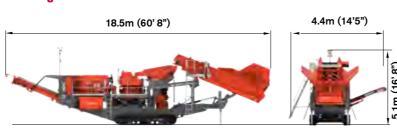
The machine features an on-board forward facing pre-screen module with a 2.1m x 1.52m $(7' \times 5')$ single deck screen for removal or bypass of fines from the feed material. The fines material can be discharged from the machine using the optional on-board by-pass conveyor or reintroduced onto the main product conveyor. Both methods improve the overall plant throughput capacity, product flexibility and liner wear reduction.

In applications where pre-screening of the feed material is not required the module can be hydraulically repositioned beneath the hopper/feeder. This provides a more compact working Working Dimensions envelope as the feeder/hopper can hydraulically adjusted to feed directly into the cone chamber.

Features:

- NEW Terex TC1150 cone crusher provides high reduction and productivity ratios and gives excellent product cubicity.
- The forward facing pre-screen module maximizes production and reduces wear on the chamber by removing fine materials before it enters the cone.
- > The large hopper/feeder on the plant has an automated metal detection system to protect the cone and reduce downtime.
- The pre-screen module can be used to produce a roadbase product from the on-board side conveyor.







The Terex® Finlay C-1545 is a high capacity and aggressive cone crusher that consistently provides high output capacity and a product with excellent cubicity. This efficient and productive machine incorporates the NEW Terex® 1150 cone crusher driven by direct clutch drive with variable speed, automatic tramp relief and hydraulic closed side setting (CSS) adjustment.

The large hopper/feeder has a 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 and advanced electronic control system.

Features:

NEW Terex® TC 1150 cone crusher provides high reduction and productivity ratios and gives excellent product cubicity.

Fully Hydraulic CSS Adjustment with electronic monitoring system ensures ease of operation.

Fuel efficient direct drive transmission through a 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 purge system removes contaminants from the machine.

Transport Dimensions



Working Dimensions







The Terex® Finlay C-1550 is a high capacity and aggressive cone crusher for the surface ore mining and aggregate industries. This efficient and productive machine incorporates the proven Terex® 1300 cone crusher with direct variable clutch drive, automatic tramp relief and hydraulic closed side setting (CSS) adjustment.

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.

16.8m (55' 1") 3m (9' 10") Image: Comparison of the second second

Working Dimensions





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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.

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 purge system removes contaminants from the machine.



The Terex Finlay C-1550P incorporates the proven Terex 1300 cone crusher driven through by direct drive. The machine features a patented pre-screen module with a single deck 2.45m x 1.53m (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 chute.

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.

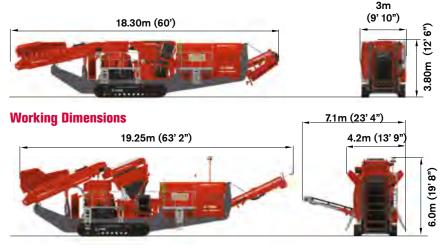
Features:

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.

Transport Dimensions

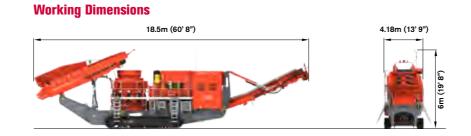




The Terex Finlay C-1554 is the highest capacity machine in the current range of cone crushers. The plant has been specifically developed for quarry operators, construction companies or contractors producing large volumes of aggregates. The plant can accept an all in feed from a primary crusher, excavator or shovel to provide high reduction ratios and produce a product with excellent cubicity.

Transport Dimensions







Machine Weight: 61,000kg (134,482lbs) (With optional hopper extensions)

Features:

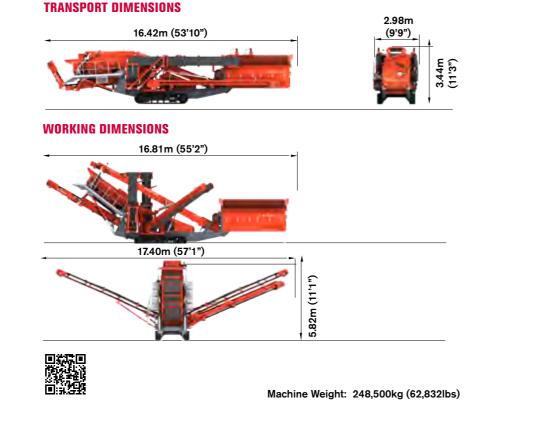
- ► Terex MVP 450X cone crushers provides high reduction and productivity ratios and gives excellent product cubicity.
- > Hydraulic powered threaded upper assembly for quick crusher setting adjustment under load.
- Hydro-pneumatic tramp iron relief system instantly resets crusher setting after passing uncrushable material and also provides 6" (152 mm) lift for easy clearing of jammed feed material.







The Terex Finlay 674 is a compact easily transportable machine that offers operators rapid set up and tear down times. The screenbox features three decks giving a large screening area of 170ft² to provide efficient screening even at small fractions and high capacity. The screenbox features quick wedge tensioning, access holes and bottom deck hydraulic tensioning system to reduce time required for mesh changes. All four discharge conveyors are adjustable and hydraulically fold for transport. The fourth product 'oversize plus' conveyor has variable tilt and side slew to accurately discharge material for recirculation and stockpiling.



Features:

- ▶ Triple deck screen with galvanized all round fixed catwalk access for ease of operation and maintenance.
- The fourth (oversize plus) conveyor provides variable tilt and slide slew capability to accurately discharge materials for recirculation to crushers or for stockpiling.
- Maximum utilisation of the three decks provides ultra-efficient screening capabilities even at small aggregate sizes.
- ► Updated hopper and belt feeder gives improved material flow onto main conveyor.
- ► Screen box angle can be hydraulically adjusted to an angle between 18° 37°

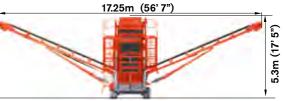
Renown for its quality, performance and productivity the Terex Finlay 683 combines scalping, screening and stockpiling into one self contained unit. Its rugged design enables the Terex Finlay 683 with its top deck $3.66m \times 1.53m (12' \times 5')$ and bottom deck $3.00m \times 1.53m (10' \times 5')$ screen to handle materials such as sand and gravel, limestone, crushed stone, coal, topsoil and demolition waste. Remote tipping reject grid, hydraulic screen tensioning of bottom deck mesh and three on-board hydraulic folding conveyors are standard. The Terex Finlay 683 is available on tracks or as a wheeled unit. Washing equipment can be fitted to the screenbox if required.





Working Dimensions





Note: Machine shown without tipping grid (This does not affect overall working & transport dimensions)

Features:

▶ The double deck screen box has all round catwalk access allowing for ease of operational maintenance.

> Tracked mobility and hydraulic folding product conveyors allow for ease of movement and rapid set up.

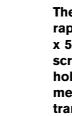
Maximum utilisation of the two decks provide ultra-efficient screening capacities even at small aggregate sizes.

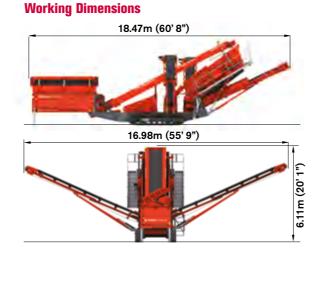
Screen box angle can be hydraulically adjusted to an angle between 18° and 39°.



The Terex Finlay 684 is a compact easily transportable machine that offers operators rapid set up and tear down times. The screenbox features two large $4.3m \times 1.7m$ (14' x 5' 7") inclined screen decks giving a large screening area to provide efficient screening and high capacity. The screenbox features quick wedge tensioning on the top deck, access holes and bottom deck hydraulic tensioning system to reduce time required for mesh changes. All three discharge conveyors are adjustable and hydraulically fold for transport.











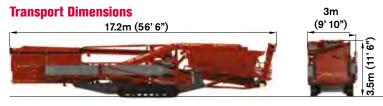
Machine Weight: 28,750kg (63,380lbs) (With tipping grid)

Features:

- Double deck 4.3m x 1.7m (14' x 5' 7") screen with full catwalk access.
- Maximum utilisation of the two 4.3m x 1.7m (14' x 5' 7") decks provides ultra-efficient screening capabilities even at small aggregate sizes.
- A combination of quick wedge tensioning on the top deck, convenient access holes and hydraulic tensioning on the bottom deck ensure mesh set up and change out times are kept to an absolute minimum.

684 3-Deck

The Terex Finlay 684 is a compact easily transportable machine that offers operators rapid setup and tear down times. The screenbox features three large 4.3m x 1.7m (14' x 5' 7") inclined screens giving a large screening area of $236ft^2$ to provide efficient screening and high capacity. The screenbox features quick wedge tensioning, access holes and bottom deck hydraulic tensioning system to reduce time required for mesh changes. All four discharge conveyors are adjustable and hydraulically fold for transport. The fourth product 'oversize plus' conveyor has variable tilt and side slew to accurately discharge material for recirculation and stockpiling.



Working Dimensions





Machine Weight: 33,500kg (73,855lbs)

Features:

▶ Triple deck 4.3m x 1.7m (14' x 5' 7") screen with full catwalk access.

The fourth (oversize plus) conveyor provides variable tilt and slide slew capability to accurately discharge materials for recirculation to crushers or for stockpiling.

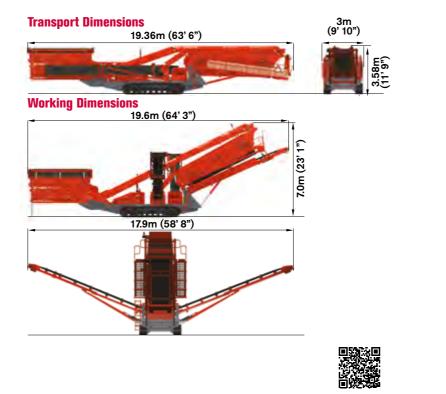
Maximum utilisation of three 4.3m x 1.7m (14' x 5' 7") decks provides ultra-efficient screening capabilities even at small aggregate sizes.

A combination of quick wedge tensioning, convenient access holes and hydraulic tensioning on the bottom deck ensure mesh set up and change out times are kept to an absolute minimum.



The double deck Terex Finlay 693+ has been designed and developed to fulfill the demands of today's high production producer. The double deck screen configuration provides two full sized $6.1m \times 1.53m (20' \times 5')$ screen decks. A high capacity belt feed hopper is available with remote tipping grid or double deck vibrating grid. Impressive features include hydraulic tipping reject grid complete with grouser bars, three onboard hydraulic folding conveyors and low level greasing access points.

Now available with dual power technology option. On-board electrical motors allow flexibility to run from an outside power supply or standard on-board engine.



con tecl Its | trac suc scra and Nov flex

Fea

Features:

- ▶ The double deck 6.1m x 1.53m (20' x 5') screen box with full catwalk access is the largest and most accessible in it's class.
- A combination of quick wedge tensioning on the top deck and hydraulic tensioning on the bottom deck ensure mesh set up and change out times are kept to an absolute minimum.
- Maximum utilisation of the 6.1m x 1.53m (20' x 5') decks provide ultra-efficient screening capacities even at small aggregate sizes.
- Screen box angle can be hydraulically adjusted to an angle between 18° and 30°.

The Terex Finlay 693+ Spaleck is the ultimate in mobile fine screening and separation technology. At the heart of the plant is an innovative 2-deck German designed and constructed high performance aggressive screenbox with state of the art flip flow technology on both the top and bottom decks.

Its processing capabilities and application flexibility make the machine the ultimate tracked mobile solution for the processing and separation of recycling materials such as incineration slag, shredder light and heavy fraction, scrap metal, electronic scrap, compost, clay, quarry dust, agg-lime, plastic fractions, biomass, topsoil, ore and aggregates etc.

Now available with dual power technology option. On-board electrical motors allow flexibility to run from an outside power supply or standard on-board engine.

Features:

Unique flip-flow on top and bottom deck guarantees first-class screening, even for difficult material.

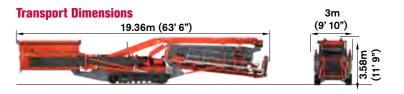
Double deck screen box, each deck 5.9m x 1.5m (20' x 5').

Non blinding screening mats - less contamination.

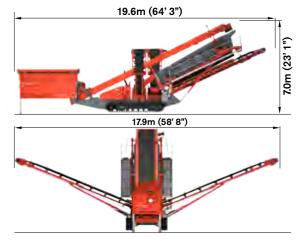
Dynamic wear resistant screening mats allow an efficient material flow - screwless mounted and fast changeover.

Low maintenance, since the high acceleration on the screening mats ensures a self-cleaning effect.

Wet, moist, dry and mixed materials e.g. recycling and skip waste fines material, compost, aggregates, waste wood, timber etc.



Working Dimensions





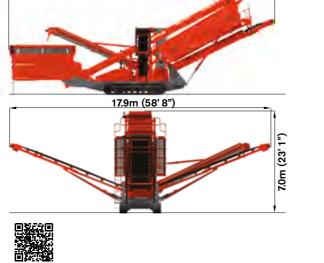


With 'best in class' production levels, set up time and ease of operation, the Terex Finlay 694+ is the industry's leading tracked mobile inclined screen. A high capacity belt feed hopper is available with remote tipping grid or double deck vibrating grid. The triple deck screen configuration provides three full sized 6.1m x 1.53m (20' x 5') screens. An innovative hydraulically folded fourth conveyor allows simple adjustment with variable tilt and slew discharge for recirculation or stockpiling of finished material. Washing equipment can be fitted to the screenbox if required between 18 degree and 30 degree.



Features:

- ▶ The triple deck 6.1m x 1.53m (20'x 5') screen box with full catwalk access is the largest and most accessible in it's class.
- A combination of quick wedge tensioning, convenient access holes, and hydraulic tensioning on the bottom deck ensure mesh set up and change out times are kept to an absolute minimum.
- Maximum utilisation of three 6.1m x 1.53m (20' x 5') decks provide ultra-efficient screening capacities even at small aggregate sizes.
- > The fourth (oversize plus) conveyor provides hydraulic variable tilt and side slew capability to accurately discharge materials for recirculation to crushers or for stockpiling.
- Screen box angle can be hydraulically adjusted to an angle between 18° and 30°





The dual powered Terex Finlay 694+ inclined screen offers operators the flexibility to power the plant either by an electrical connection or diesel/hydraulic configuration. The plant features a triple deck screen configuration providing three full sized 6.1m x 1.53m (20' x 5') screens. An innovative hydraulically folded fourth (oversize plus) conveyor allows simple adjustment with variable tilt and slew discharge, between 18 degree and 30 degree, for recirculating in closed circuit with a crusher or stockpiling of finished material.



Features:

The plant's electrically driven power system provide significant cost advantages and efficiencies.

Superior performance in dusty applications and in high altitude environments.

The triple deck 6.1 m x 1.53m (20' x 5') screen box with full catwalk access is the largest and most accessible in it's class.

Maximum utilisation of three 6.1m x 1.53m (20' x 5') decks provide ultra-efficient screening capacities even at small aggregate sizes.

Screen box angle can be hydraulically adjusted to an angle between 18° and 30°

Transport Dimensions

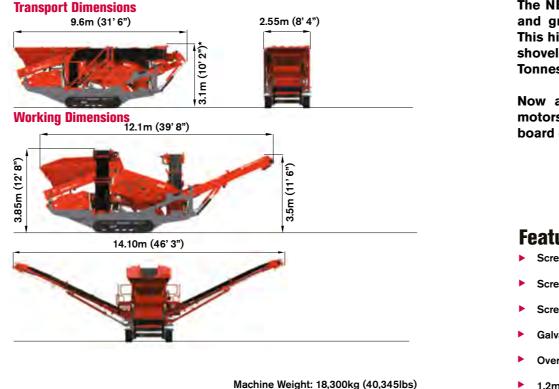


Working Dimensions

Machine Weight: 40,000kg (88,184lbs) (With tipping grid)



The Terex Finlay 863 mobile tracked heavy duty screen is a compact and aggressive forward facing screen. This flexible and mobile plant can work in aggregates, sand and gravel, top soil, construction demolition and recycling applications where site space is at a premium. The fully self-contained plant can be hydraulically folded and ready for transport in less than an hour making it the ideal machine for contract screening. The plant has the capacity to process at a rate of up to 280 tonnes per hour and can be fed either by a tracked mobile crusher or an excavator.



Features:

Aggressive screen box can accept bofor bars, screenharps, woven mesh, punch plate and cascade fingers.

- Screen box angle can be hydraulically adjusted to an angle between 14° to 18°.
- Screen box discharge end can be hydraulically raised 500mm to facilitate efficient and easy media access and changing.
- Oversize conveyor angle can be hydraulically adjusted from 15° to 24°.

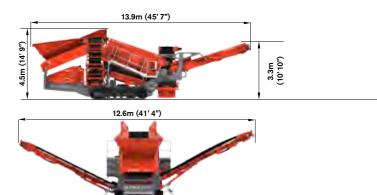
The NEW Terex Finlay 873 is ideally suited to working in aggregates, sand and gravel, top soil, construction demolition and recycling applications. This highly versatile machine can be fed either by a tracked mobile crusher, shovel or an excavator and has the capacity to process at a rate of up to 450 Tonnes per hour.

Now available with dual power technology option. On-board electrical motors allow flexibility to run from an outside power supply or standard onboard engine.

Transport Dimensions



Working Dimensions





Machine Weight: * 26,300kg (57,982lbs) * Standard Machine configuration

Features:

- Screen box angle can be hydraulically adjusted to an angle between 13° to 19°.
- Screen box discharge end raises hydraulically 500mm to facilitate mesh changing.
- Screen box can accept punch plate, cascade fingers, bofar bars and speedharps.
- Galvanised access catwalk on both side of screen.
- Oversize conveyor angle can be adjusted from 18° to 24°.
- 1.2m wide Belt feeder complete with 7m³ manual folding hopper.



The NEW Terex Finlay 873 Spaleck is ideally suited to working in aggregates, sand and gravel, top soil, construction demolition and recycling applications. This highly versatile machine can be fed either by a tracked mobile crusher, shovel or an excavator. The unique stepped top deck design combined with state of the art flip flow technology on the bottom deck catapults the 873 Spaleck into a class of its own.

Its processing capabilities and application flexibility make the machine the only all in one mobile solution for processing difficult waste, recycling, slag, C&D, shredded metal, wood, compost, mulch, ores, coal, soil...

Now available with dual power technology option. On-board electrical motors allow flexibility to run from an outside power supply or standard on-board engine.

Features:

- ▶ Nearly blockage-free screening in the upper and lower deck thanks to tried and tested 3D and Flip-Flow technology.
- ▶ The 3D screening segments guarantee accurate screening with no long pieces passing into the middlegrade material.
- > The Flip-Flow screen with screwless mounted screen mats avoids unnecessary cleaning and reduces maintenance times.
- Galvanised access catwalk on both side of screen.
- Oversize conveyor angle can be adjusted from 18° to 24°.
- 1.2m wide Belt feeder complete with 7m³ manual folding hopper.



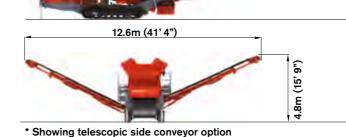
14.8m (48' 8")

Working Dimensions

Features:

fingers.

and changing.





Machine Weight: 30,500kg (67,240lbs) (Standard Machine Configuration Estimated) The high performance Terex Finlay 883+ is designed to work after a primary crusher or on it's own as a frontline tracked mobile screening machine. Applications include quarrying, mining construction and demolition debris, topsoil, recycling, sand, gravel, coal and aggregates. The plant has the capacity to process at a rate of up to 500 tonnes per hour and can be fed either by a tracked mobile crusher or an excavator.

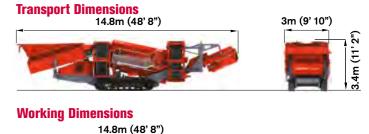
Now available with dual power technology option. On-board electrical motors allow flexibility to run from an outside power supply or standard on-board engine.

Aggressive screen box can accept bofor bars, speedharps woven mesh, punch plate, tines and cascade

Screen box discharge end can be hydraulically raised 500mm to facilitate efficient and easy media access

Modular configuration screen box with 4.8m x 1.5m (16' x 5') top deck and bottom deck screen.

Screen box angle can be hydraulically adjusted to an angle between 13° to 19°.





12.6m (41' 4")



*Showing telescopic side conveyor option



All stockpiling conveyors are hydraulic angle adjustable.

Machine Weight: 31,000kg (68,340lbs) (Standard Machine configuration)



The Terex Finlay 883+ Spaleck is the ultimate in mobile screening and separation technology. At the heart of the machine is the 2 deck German designed and constructed high performance screenbox.

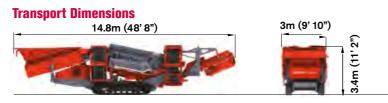
The unique stepped top deck design combined with state of the art flip flow technology on the bottom deck catapults the 883+ Spaleck into a class of its own. Its processing capabilities and application flexibility make the machine the only all in one mobile solution for processing difficult waste, recycling, slag, C&D, shredded metal, wood, compost, mulch, ores, coal, soil...

The Spaleck heavy duty vibrating screen is near to blockage and maintenance-free and has a processing range of 1mm to 120mm.

Now available with dual power technology option. On-board electrical motors allow flexibility to run from an outside power supply or standard on-board engine.

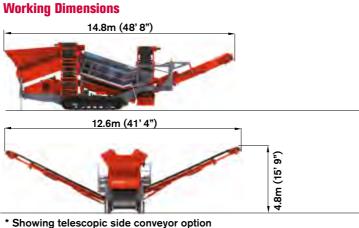
Features:

- Unique, stepped, 3D punch plate top deck design.
- State of the art Flip Flow technology bottom deck.
- Flexibility to work in difficult waste processing, slag, biomass, compost, etc.
- Screen box discharge end can be hydraulically raised 500mm to facilitate efficient and easy media access and changing.
- All stockpiling conveyors are hydraulic angle adjustable.











Machine Weight: 30,500kg (67,240lbs) (Standard Machine Configuration Estimated)

The Terex Finlay 893 heavy duty screen is a robust high capacity machine, engineered and built for working in quarrying, mining, construction and demolition debris, topsoil, recycling, sand, gravel, coal and aggregate applications. The 893 features an aggressive forward-facing inclined modular configuration screen box with a 6.1m x 1.83m (20' x 6') top deck and a 5.5m x 1.83m (18' x 6') bottom deck and can accept bofar bars, speedharps, woven mesh, punch plate, tines and cascade fingers.

Transport Dimensions



Working Dimensions





*Machine shows, Feeder at max feed height Screen at max working angle Conveyor max discharge height

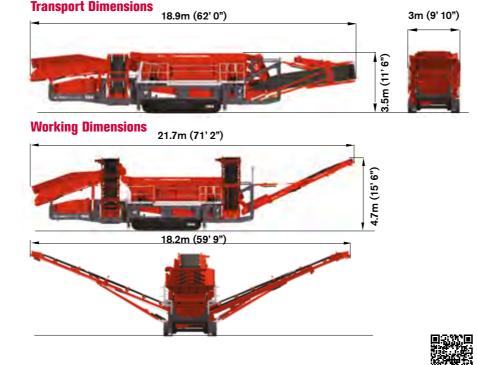


Machine Weight: 48,000kg (106,000lbs) Estimated

Features:

- Versatile aggressive screen box can be easily adapted to suit many applications.
- Modular configuration screen box with 6.1m x 1.83m (20' x 6') top deck and 5.5m x 1.83m (18' x 6') bottom deck screen.
 - Screen box angle can be hydraulically adjusted to an angle between 14° to 18°.
- Screen box discharge end can be hydraulically raised 600mm to facilitate efficient and easy media access and changing.
- All stockpiling conveyors are hydraulic angle adjustable with hydraulic extending head sections for maximum discharge & stockpile height.
- Apron feeder angle adjustable, lower position to accommodate crusher feed, high position provides reduced feeder incline angle when operated in direct feed mode from excavator/loader.

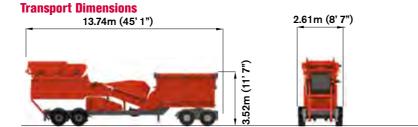








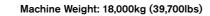
The Terex® Finlay 390 Hydrascreen is a high performance portable screening plant developed to fulfill the demands of today's high production aggregate producer. Fitted with hydraulic variable angle adjustment on the screenbox and a high capacity belt feed Hopper, the Terex® Finlay 390 is equally impressive screening coal or washing sand and gravel. Options include double deck vibrating grid, 3-deck screenbox, catwalks and washing equipment. The Terex® Finlay 390 is available with either diesel or electric drive options.



21.18m (69' 6")

Working Dimensions

- ▶ 12' x 5' Screen box on all decks with variable amplitude & screen angle
- Extremely fuel efficient Diesel-hydraulic system: Avg 3.5 Gal/Hr
- Machine available with an Electric-Hydraulic option for connection to mains power
- Large Capacity 14ft loading hopper c/w remote controlled tipping reject grid
- Available with full Rinse kit for washing applications
- Compact folding for ease of transport



2.61m (8'7")



The Terex Finlay 595 Hydratrak is a self contained high capacity mobile scalping unit. Designed and constructed to the highest specification, the 595 can withstand the toughest of applications from waste reclamation projects to quarry face and demolition environments, special features include a heavy duty twin deck vibrating grid, remote control movement and a tracked undercarriage.

Transport Dimensions



Working Dimensions



Features:

▶ Heavy duty aggressive scalping and screening double deck grid.

Robust T-Bar cassette top deck and meshed bottom deck configuration for accurate screening of product material.

▶ Hydraulic folding main conveyor and grid raise allow for rapid set up and tear down times.



The Terex Finlay stacking conveyor range currently consists of three self-powered tracked options, 50ft, 65ft and 80ft. Transport costs of each conveyor are kept to a minimum, due to the compact transport design, allowing them to be easily tracked in and out of a 40ft Container and shipped globally. A simple yet robust design allows for easy setup and positioning to fit the customers' requirements. The 36.4.3kW (49hp) Deutz engine and powerful hydraulic drive deliver impressive capacities of up to 400tph.

TEREX.convertion

The design provides a full range of high specification options including full under belt and head drum guarding, radio control movement and setup where required.





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