

390 / 683 / 694+ Rinsers



WORKS FOR YOU.™

STANDARD FEATURES

ENGINE:

Tier 4i/ Stage IIIA: Deutz D914 L04i 4 cylinder air-cooled diesel engine developing 53kW (71hp) @ 2300 rpm
Engines are available to meet both US EPA emission standards, under CFR 1039.625 and EU flexibility provisions of Directive 97/68/EC

FEEDER:

Hopper Capacity: 8.0m³ (10.5yd³) - 4.25m (14ft) wide hopper
Belt Width: 1.05m wide variable speed belt feeder (no deflector doors fitted)
Remote control hydraulic tipping reject grid c/w grouser bars 4.25m x 100mm spacing (14' 0" x 4")

SCREENBOX:

3.66m x 1.53m (12' x 5') double deck washing screen (12' x 5' on both decks)
No mesh included for any deck (but all mesh fitting parts included as standard)
Total 18 washing spray bars fitted to both decks
Screen box reject chutes lined with replaceable steel liners

MAIN CONVEYOR:

Belt Width: 1m (40")
Boiling box c/w 5 adjustable water jets at main conveyor discharge
Polyurethane teardrop profile belt scraper fitted at drive drum
Skirting on main conveyor & steel water supply pipe up one side

GENERAL:

Sand water collection hopper (single product) c/w 6m standard open troughing
Hydraulic jacking legs, King pin towing facility & site drawbar
Twin braked and suspended axles
1 x 150E/200E Hydrasander and 2 x 532 stockpiler drive facility (Not Standard on Elec/Hyd Machines)
Safety Guards in compliance with machinery directive

WATER REQUIREMENTS

4320 litres/min
950 UK gal/min
1140 US gal/min
Rated @ 2 bar pressure at spray nozzles

OPTIONAL EQUIPMENT

Elect/Hyd drive - IE2 Electric motor (37kW) No Stockpiler Drives wired to isolators (not including control panel) - (IE3 Motors required for USA - CONTACT FACTORY FOR AVAILABILITY AND LEAD-TIME)

Elect/Hyd drive - IE2 Electric motors (37kW+ 18.5kW) c/w 2 nr 532 and 1 nr 632 stockpiler drive facility wired to isolators (not including control panel) - (IE3 Motors required for USA - CONTACT FACTORY FOR AVAILABILITY AND LEAD-TIME)

No grid but hopper deadplate fitted

No screen box required

3-deck screen box (3.66m x 1.53m - 12' x 5') (Separate transport required)

Top deck mesh

Middle deck mesh (3 deck screen box only)

Bottom deck mesh

20mm thick rubber lining of standard stone chute (price per deck)

6mm thick rubber lined sand box (single product)

Side tensioned rubber mats top deck of screen

End tensioned rubber mats bottom deck of screen

End tensioned rubber mats middle deck of screen (3 Deck Only)

Hydraulic tensioning (bottom deck screen mesh)

Top Deck Polymodule Frame c/w Polymodules

Middle Deck Polymodule Frame c/w Polymodules (3 Deck Only)

Bottom Deck Polymodule Frame c/w Polymodules

Catwalk on 1 side of std conveyor and 2 side of screen box with 1 set of access steps and 1 access ladder

Catwalk 2 sides of std conveyor & 2 sides of screenbox with 2 sets of access steps

3.2m extension on main conveyor

Dust covers on main belt

Light board

Hydraulic jacking legs at screen box end

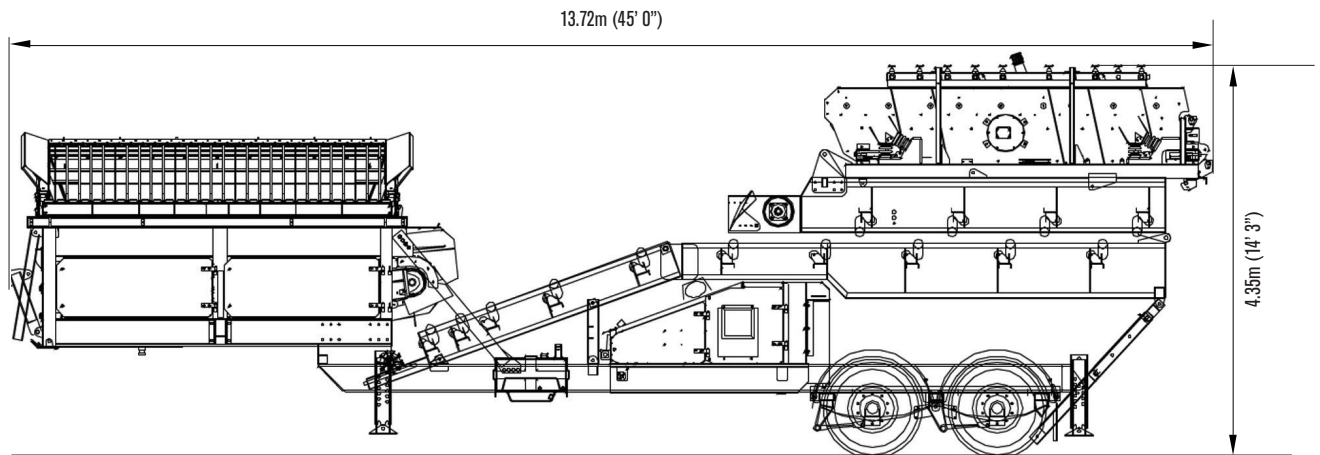
Special paint colour (if different from Terex MPE White RAL 1013 or Finlay Orange RAL 2002). RAL must be specified on order

Twin product sand box (unlined)

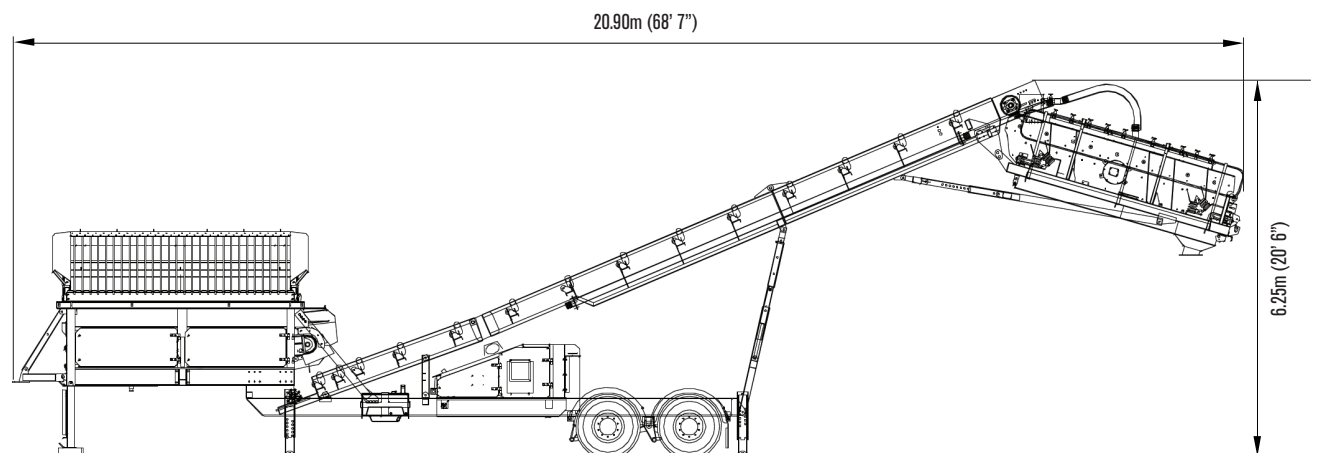
Fresh water 6" in line strainer "Y" type

390 RINSER

TRANSPORT DIMENSIONS



WORKING DIMENSIONS



MACHINE WEIGHT: 18,500kg (40,786lbs)

c/w single grade sandbox

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

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STANDARD FEATURES

ENGINE:

Tier 3 / Stage 3A Caterpillar C4.4 - 4 cylinder diesel engine developing 83kW (111.3hp) 2200 rpm

Stage 3A Perkins 1104 97kW Constant Speed Engine - 4 cylinder diesel engine developing 97kW (130hp) 1800 rpm - Europe Only

Tier 3 / Stage 3A Caterpillar C4.4 - 4 cylinder diesel engine developing 97kW (130hp) @ 2200 rpm

Tier 4i / Stage 3B - Caterpillar C4.4 - 4 cylinder diesel engine developing 98kW (131hp) @ 2200 rpm - Only Available Q1 - Contact Sales

Tier 4F / Stage IV - Caterpillar C4.4 - 4 cylinder diesel engine developing 82kW (110hp) @ 2200 rpm

FEEDER:

Hopper Capacity: 8.0m³ (10.5 yd³) - 4.25m (14ft) wide hopper

Belt Width: 1.05m (42") variable speed belt feeder

Remote control hydraulic tipping reject grid c/w grouser bars 4.25m x 100mm spacing (14' 0" x 4")

SCREENBOX:

3.66m x 1.53m (12' x 5') top & 3.00m x 1.53m (10' x 5') bottom deck washing screen

2 bearing high performance screenbox 3660mm x 1530mm (12' x 5') top deck (side tensioned) 3 meshes

3000mm x 1530mm (10' x 5') bottom deck (end tensioned), 2 meshes

No mesh included for any deck (but all mesh fitting parts included as standard)

Total 14 washing spray bars fitted to both decks

Top deck spray bars - 4 bars c/w 6 nozzles, 4 bars c/w 5 nozzles, both fitted with 100/80 spray nozzles - 44 off (total)

Bottom deck spray bars - 5 bars c/w 8 nozzles, 3 bars c/w 7 nozzles, both fitted with 100/80 spray nozzles - 75 off (total)

Galvanised access catwalks to both sides and around top of screen

Screen speed: 1200 rpm

Screen motor: 51cc/rev

Hydraulic tensioning (bottom deck screen mesh)

Screen box reject chute lined with replaceable steel liner

MAIN CONVEYOR:

Belt Width: 1m (40") main belt

Boiling box c/w 5 adjustable water jets at main conveyor discharge

Polyurethane teardrop profile belt scraper fitted at drive drum

SIDE CONVEYORS:

Belt Width: 650mm (26") chevron belt on both side conveyors

FINES CONVEYOR:

No fines belt

GENERAL:

Sand water collection hopper (single product) c/w 6m standard open troughing

Heavy duty undercarriage unit with 400mm wide tracks

Control operation of tracks via hand-held set with 5m connection lead with heavy duty square connector

Low level greasing & Emergency stops (4)

Safety Guards in compliance with machinery directive

OPTIONAL EQUIPMENT

No grid but hopper deadplate fitted

100mm Double deck vibrating grid c/w abrasion resistant plate on wear surface of T bars top deck and mesh fitted in bottom deck (includes hopper inlet chute from crusher)

Remote Control hydraulic tipping reject grid c/w grouser bars 3.65m x 100mm spacing (12' 0" x 4") and hopper inlet chute from crusher

Top deck mesh

Bottom deck mesh

20mm thick rubber lining of standard stone chute (price per deck)

6mm thick rubber lined sand box (single product)

Side tensioned rubber mats in top deck of screen

End tensioned rubber mats bottom deck of screen

Wedge type tensioning top deck

Radio remote control of machine movement

Dust covers on main belt

1.2m (48") wide fines belt for dry screening

Machine to have fines conveyor fitted to machine for dry Running (sandbox transported on main conveyor & spreader plate fitted)

Machine to have fines conveyor fitted to machine for Rinser Running (sandbox transported on main conveyor & boiling box fitted)

Special paint colour (if different from Terex MPE White RAL 1013 or Finlay Orange RAL 2002). RAL must be specified on order

Twin product sand box (unlined)

Fresh water 6" in line strainer "Y" type

WATER REQUIREMENTS

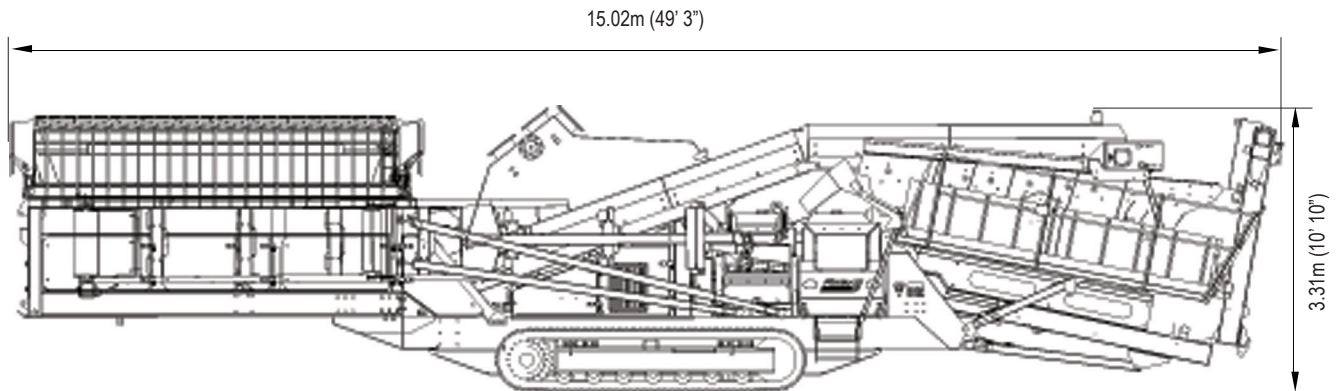
4320 litres/min

950 UK gal/min

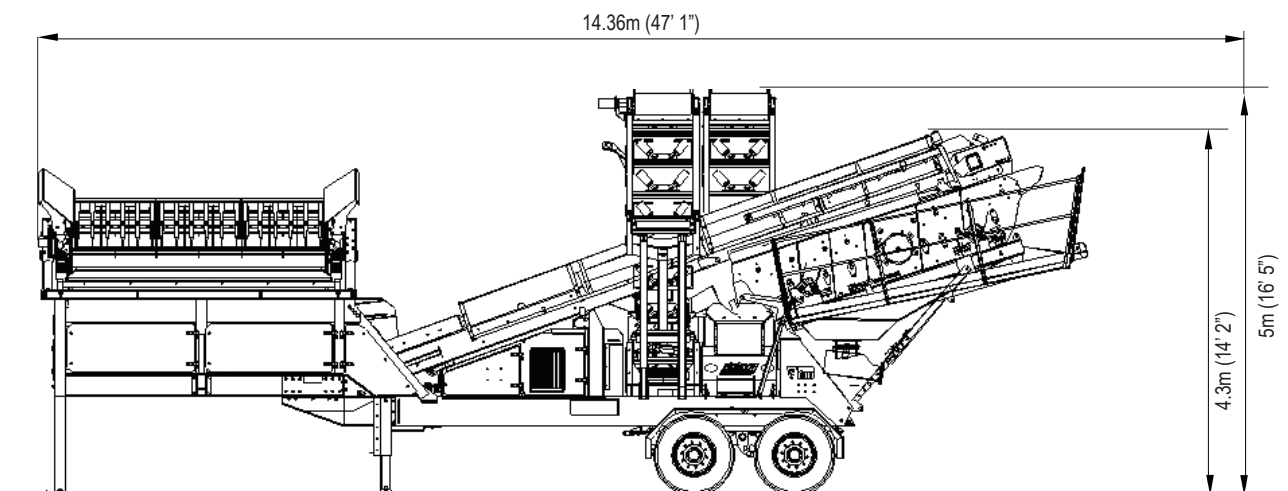
1140 US gal/min

Rated @ 2 bar pressure at spray nozzles

TRANSPORT DIMENSIONS



WORKING DIMENSIONS



MACHINE WEIGHT: **22,950kg (50,596lbs)**

C/w single grade sandbox and no fines conveyor

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

WORKS FOR YOU.™

STANDARD FEATURES

ENGINE:

Tier 3 / Stage 3A Caterpillar C4.4 - 4 cylinder diesel engine developing 97kW (130hp) @ 2200 rpm

Tier 4i / Stage 3B - Caterpillar C4.4 - 4 cylinder diesel engine developing 98kW (131hp) @ 2200 rpm - Only available Q1 - Contact sales

Tier 4F / Stage IV - Caterpillar C4.4 - 4 cylinder diesel engine developing 98kW (131hp) @ 2200 rpm

FEEDER:

Hopper Capacity: 8.0m³ (10.5 yd³) - 4.25m (14') wide steel lined hopper

Belt Width: 1.2m (48") variable speed belt feeder

Remote control hydraulic tipping reject grid c/w grouser bars 4.25m x 100mm spacing (14' 0" x 4")

SCREENBOX:

6096mm x 1530mm (20' x 5') Top, Middle and Bottom Deck Screenbox

3 deck - 2 bearing high performance screenbox

6096mm x 1530mm (20' x 5') Top and Middle deck side tensioned 5 x meshes

Bottom deck (end tensioned) with 3 x meshes

No mesh included for any deck (but all mesh fitting parts included as standard)

Washing spray bars fitted to all decks

Top deck spraybars - 5 bars c/w 6 nozzles, 4 bars c/w 5 nozzles, both fitted with 100/80 spray nozzles (50 off total)

Middle deck spraybars - 4 bars c/w 8 nozzles, 4 bars c/w 7 nozzles, both fitted with 100/80 spray nozzles (60 off total)

Bottom deck spraybars - 4 bars c/w 8 nozzles, 3 bars c/w 7 nozzles, both fitted with 100/80 spray nozzles (53 off total)

Wedge type tensioning on top and middle deck screen mesh

Hydraulic tensioning (bottom deck screen mesh)

Catwalk around screen c/w handrail, kickboard and access ladder

Screenbox middle deck reject chute lined with steel liners (Top deck chute lined with PU Liners as per dry machine)

Sand water collection Hopper

Screen speed: 1050 rpm

Screen motor: Cast Iron 90cc/rev

MAIN CONVEYOR:

Belt Width: 1.2m (48") belt on main conveyor

Boiling box c/w 5 adjustable water jets at main conveyor discharge

Polyurethane teardrop profile belt scraper fitted at drive drum

Skirted main conveyor & steel water supply pipe on side c/w Ø 6" gripped end water connection

SIDE CONVEYORS:

Belt Width: 800mm (32") chevron belt on both side conveyors

OVERSIZE CONVEYOR:

Belt Width: 500mm (20") chevron belt on oversize plus product conveyor

TRANSFER CONVEYOR:

Belt Width: 500mm (20") wide plain belt on transfer conveyor

FINES CONVEYOR:

No fines belt

GENERAL:

Sand water collection hopper (single product) c/w 12m standard open troughing

Heavy duty undercarriage unit with 500mm wide tracks

Control operation of tracks via hand-held set with 5m connection lead with heavy duty square connector

Emergency stops (4) & Low level central greasing

Safety Guards in compliance with machinery directive

OPTIONAL EQUIPMENT

Opti Drive - 2 x 37kW IE2 electric motors c/w hydraulic gear pumps and electrical control panel allowing machine to run in either Diesel or Electric mode (IE3 motors required for the USA, please contact factory for price and availability)

No grid fitted but hopper deadplate fitted

100mm Double deck vibrating grid c/w abrasion resistant plate on wear surface of T Bars top dk and mesh in bottom deck (includes hopper inlet chute as standard)

Remote control hydraulic tipping reject grid c/w grouser bars 3.65m x 100mm spacing (12' 0 x 4") (includes hopper inlet chute from crusher)

Hydraulic raise of Main Conveyor head-section (For improved mesh access)

Top deck mesh

Middle Deck mesh

Bottom deck mesh

20mm thick rubber lining of standard top deck stone chute (price per deck)

6mm thick rubber lined sand box (single product)

Side tensioned rubber mats top deck of screen

End tensioned rubber mats for middle or bottom deck of screen (price per deck)

Aluminium Rapid-Fit Dust covers on main belt

Radio remote control of machine movement

1.2m (48") wide fines belt for dry screening

Machine to have fines conveyor fitted to machine for dry running (sandbox transported on main conveyor and spreader plate fitted)

OPTIONAL EQUIPMENT

Machine to have fines conveyor fitted to machine for Rinsler running (sandbox transported on main conveyor and boiling box fitted)

1 x 532 stockpiler drive facility (Not available when vibrating grid fitted or if quad pump option is selected)

Special paint colour (if different from Terex MPE White RAL 1013 or Finlay Orange RAL 2002). RAL must be specified on order

Twin product sand box (unlined) (separate transport required)

Fresh water 6" in line strainer "Y" type

OR Quad Pump option for 1nr dedicated Stockpiler Drive - Approx 70 Litres/min

Over size plus conveyor with 2.2m extension for recirculating

Anti-Roll back plates for main conveyor (3NR)

WATER REQUIREMENTS

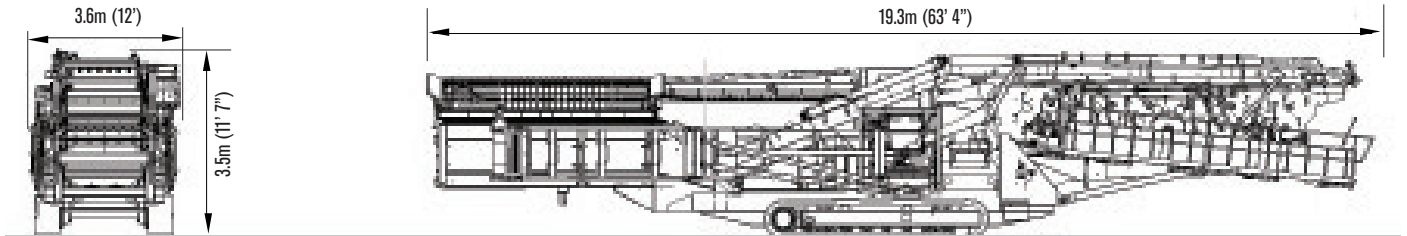
5855 litres/min

1288 UK gal/min

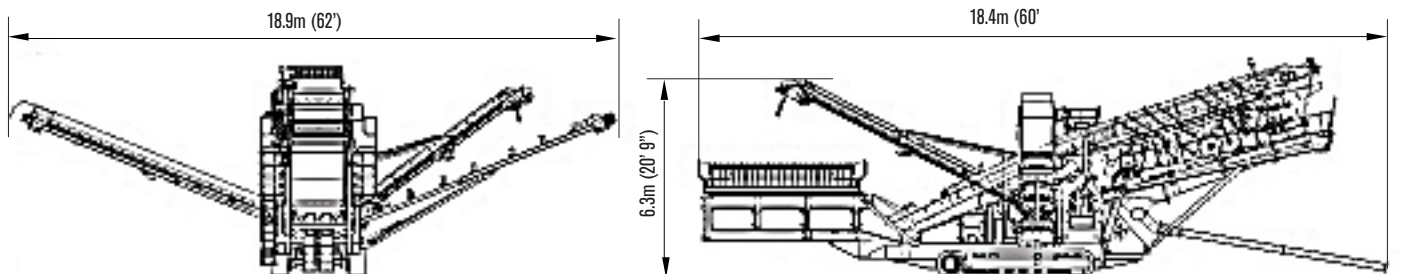
1547 US gal/min

694+ RINSER

TRANSPORT DIMENSIONS



WORKING DIMENSIONS



MACHINE WEIGHT: **38,250kg (84,327lbs)**

C/w single grade sandbox and no fines conveyor

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

