

390 Hydrascreen



SPECIFICATION:

| | | |
|-------------------|--|---|
| Screen Size: | 3660mm x 1530mm (12' x 5') top and bottom deck screenbox | |
| Net Engine Power: | Tier 4i/ Stage IIIA: | Deutz D914 L04i 53kW (71hp) |
| Portability: | | Wheeled |
| Operating Weight: | | 18,000kg* (39,700lbs*) <i>*With tipping grid</i> |

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SPECIFICATION

HOPPER AND GRID

Hopper capacity: 8m³ (10.5yd³) with tipping grid

Grid opening: 4.25m (14')

Feed with wing plates: 4.76m (15' 8")

Feed height: 3.77m (12' 4")

Grid aperture: 100mm (4")

Adjustable height and angle remote tipping grid with wing plates

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

SCREEN BOX

2 bearing high performance screen box

3.66m x 1.53m (12' x 5') top deck

3 meshes (side tensioned)

3.66m x 1.53m (12' x 5') bottom deck 2 meshes (end tensioned)

Screen speed: 1200 rpm

Screen Motor: 51cc/REV

Hydraulic angle adjustment

MAIN CONVEYOR

Belt Width: 1m (40") 3 ply belt, EP400,

Hydraulic drive with skirting

800cc/REV Motor

Belt speed: 92mpm (302' per min)

BELT FEEDER

Belt Width: 1.05m (41") 3 ply belt, EP500, with 127mm diameter close pitched rollers.

Drum centres: 4.28m (14' 1")

Hydraulic variable speed drive

800cc/REV Motor

Wide mouth opening

Belt speed: 0 - 16 mpm (0 - 53' per min)

TANK CAPACITIES

Hydraulic Tank Capacity: 500 litres / 110 UK gal / 132 US gal

Fuel Tank Capacity: 336 litres / 74 UK gal / 88 US gal

POWERUNIT

Tier 4i/ Stage IIIA: Deutz D914 L04i

Engine Power: 53kW (71hp)

Engine Speed: 2300 rpm

Pump 1: Tandem 36cc/33cc

The first section of this pump drives the belt feeder and operates the tipping grid.

The second section drives the main conveyor and screenbox

Pump 2: Tandem 33cc/22cc

This pump supplies oil for the three stockpiler drives.



Hopper / Grid



Screenbox



Engine: Tier 4i/ Stage 3B Deutz D914 L04i



Compact Transport Dimensions

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

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

SCREENBOX:

2 deck screenbox (3.66m x 1.52m - 12' x 5') both decks

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

Screen box reject chutes (2 nr) lined with replaceable steel liners

Open bottom sand box

MAIN CONVEYOR:

Belt Width: 1m (40") main belt

Skirting on main conveyor

GENERAL:

Hydraulic jacking legs

Twin braked and suspended axles

King pin towing facility & site draw bar

2 nr 532 and 1 nr 632 stockpiler drive facility (Not Standard on Elec/ Hyd Machines)

Emergency stops (4 nr)

Safety guards in compliance with machinery directive

OPTIONAL EQUIPMENT

Elect/Hyd drive - IE3 Electric motors (37kw + 18.5kw) c/w 2 nr 532 and 1 nr 632 stockpiler drive facility wired to isolators (not including control panel)

Elect/Hyd drive - IE3 Electric motor (37kw) No Stockpiler Drives wired to isolators (not including control panel)

No grid fitted but hopper deadplate fitted

Hydraulic tensioning (bottom deck screen mesh)

3-deck screen box (3.66m x 1.52m - 12' x 5') (Separate transport required)

Top deck mesh

Middle deck mesh (3 deck screenbox only)

Bottom deck mesh/ speedharp

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

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

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



Belt Feeder

- ▲ Belt Width: 1.05m (41") 3 ply belt, EP500, with 127mm diameter close pitched rollers
- ▲ Drum centres: 4.28m (14' 1")
- ▲ Hydraulic variable speed drive
- ▲ 800cc/REV Motor
- ▲ Wide mouth opening
- ▲ Belt speed: 0 - 16 mpm (0 - 53' per min)

Hopper and Grid

- ▲ Hopper capacity: 8m³ (10.5yd³) with tipping grid
- ▲ Grid opening: 4.25m (14')
- ▲ Feed with wing plates: 4.76m (15' 8")
- ▲ Feed height: 3.77m (12' 4")
- ▲ Grid aperture: 100mm (4")
- ▲ Adjustable height and angle remote tipping grid with wing plates
- ▲ Remote control hydraulic tipping reject grid c/w grouser bars
- ▲ 4.25m x 100mm spacing (14' x 4")



Main Conveyor

- ▲ Belt Width: 1m (40") 3 ply belt, EP400,
- ▲ Hydraulic drive with skirting
- ▲ 800cc/REV Motor
- ▲ Belt speed: 92 mpm (302' per min)

Screenbox

- ▲ 2 bearing high performance screen box
- ▲ 3.66m x 1.53m (12' x 5') top deck
- ▲ 3 meshes (side tensioned)
- ▲ 3.66m x 1.53m (12' x 5') bottom deck 2 meshes (end tensioned)
- ▲ Screen speed: 1200 rpm
- ▲ Screen Motor: 51cc/REV
- ▲ Hydraulic angle adjustment

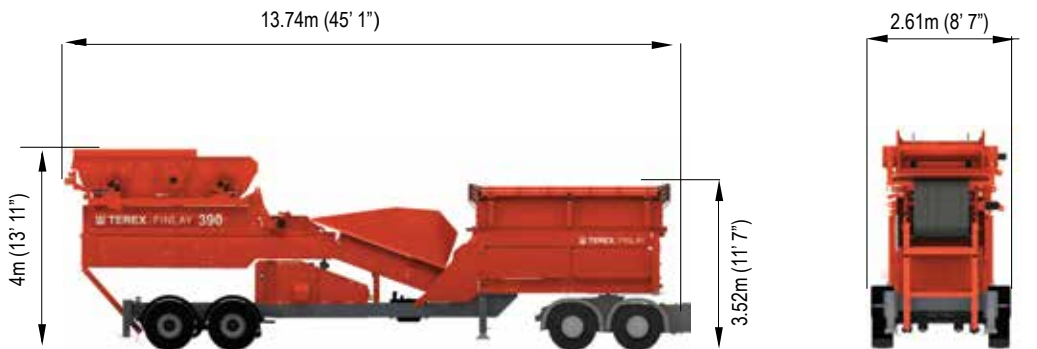
Powerunit

- ▲ Tier 4i/ Stage IIIA: Deutz D914 L04i
- ▲ Engine Power: 53kW (71hp)
- ▲ Engine Speed: 2300 rpm

Chassis

- ▲ Site draw bar
- ▲ King pin towing facility
- ▲ Hydraulic jacking legs
- ▲ Twin braked and Suspension axle)

Transport Dimensions



Working Dimensions



MACHINE WEIGHT: 18,000kg (39,700lbs)

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

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C-1554

Cone Crusher

**COMING
SOON**