



# TEREX<sup>®</sup> | FINLAY



## 390 HYDRASCREEN

### SPECIFICATION:

Screen Size:	3660mm x 1530mm (12' x 5') top and bottom deck screenbox		
Net Engine Power:	Tier 3 / Stage IIIA:	Deutz D914 L04i 53kW (71hp)	
	Tier 4F / Stage IV:	Cat C3.4 55kW (73.8hp)	
Portability:	Wheeled		
Operating Weight:	18,000kg* (39,700lbs*)		
*With tipping grid			

# SPECIFICATION

## HOPPER AND GRID

Hopper capacity: 8m<sup>3</sup> (10.5yd<sup>3</sup>) 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 3 / Stage IIIA: Deutz D914 L04i

Engine Power: 53kW (71hp)

Engine Speed: 2300 rpm

Tier 4F / Stage IV: Cat C3.4

Engine Power: 55kW (73.8hp)

Engine Speed: 2300 rpm

Pump: Triple 46cc/46cc/33cc

The first section of this pump drives the belt feeder and twin stockpiler drives as well as operates the tipping grid.

The second section drives the main conveyor and screenbox

This third Section supplies oil for the large stockpiler drive



Hopper / Grid



Screenbox



Engine: Tier 3 / Stage IIIA Deutz D914 L04i



Compact Transport Dimensions

## STANDARD FEATURES

### ENGINE:

Deutz D914 L04i - 4 cylinder air-cooled diesel engine developing 53kw (71hp) @ 2300 RPM

Tier 4F / Caterpillar C3.4B - 4 cylinder diesel engine developing 55kW (73.8hp) @ 2300 RPM

### FEEDER:

Hopper capacity: 4.25m (14ft)

Belt Width: 1.05m (42")

### 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)

Open bottom sand box

### MAIN CONVEYOR:

Belt Width: 1000mm (40") c/w skirting

### ELECTRICAL:

Emergency Stops

T-Link Telemetry System fitted c/w 3 years data

### GENERAL:

Safety guards in compliance with machinery directive

Low Level greasing

Hydraulic jacking legs

Twin braked and suspended axles

King pin towing facility & site draw bar

60 LPM and 2 off 35 LPM Stockpiler Drives (Diesel only)

## OPTIONAL EQUIPMENT

Elect/Hyd drive - IE3 Electric motors (37kw + 18.5kw) c/w 43 LPM and 2 off 31 LPM Stockpiler Drives (not including control panel) \*\*

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

\*\* STD voltage supply: 380V - 440v @ 50Hz. (Contact the factory for availability, leadtime and if any local requirements are different from standard offering)

Remote control hydraulic tipping reject grid c/w grouser bars 3.65m x 100mm spacing (12'-0" x 4") (Includes hopper inlet chute as standard)

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

Hydraulic jacking legs at screen box end

68 grade hydraulic oil

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



**TEREX | FINLAY**

### 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: 8m<sup>3</sup> (10.5yd<sup>3</sup>) 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: 51 cc/REV
- ▲ Hydraulic angle adjustment

### Powerunit

- ▲ Tier 3 / Stage IIIA: Deutz D914 L04i
- ▲ Engine Power: 53kW (71hp)
- ▲ Engine Speed: 2300 rpm
- ▲ Tier 4F / Stage IV: Cat C3.4
- ▲ Engine Power: 55kW (73.8 hp)
- ▲ 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

WORKS FOR YOU.™

