

# MOBILE HYDRATRAKS



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# FINLAY 595

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.

## 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.

## STANDARD FEATURES

Tier 3 / Stage 3A: Deutz 55kW (74hp) Air-Cooled Engine
Tier 4F: CAT C3.4 55kW (74hp) Water Cooled Engine
Hopper: 5m³ (6.5 yd3)
150mm Twin deck vibrating grid 3.35m x 2.6m (11' x 8'7") screening area
Hydraulic variable grid angle
Heavy duty feed shroud supported from grid sub-frame
Hydraulic folding of fines conveyor
150mm (6") step level Abrasion Resistant Plate T-bars on top deck
60mm (23/8") bottom deck woven mesh (unless otherwise specified on order)
1200mm (48") wide fines discharge conveyor
Skirting on fines conveyor
Robust chassis c/w 10mm thick protection plates
Heavy duty deflector doors to protect tracks
Central controls to operate start/stop on engine, fines conveyor, grid and grid angling
Control operation for forward, reverse and slew movement via hand held-set with 5m connection lead
Heavy duty undercarriage unit with 400mm pads
Fully enclosed engine compartment
Guards to M & Q specification
Emergency stops (4)



### Vibrating grid

- ▶ 150mm (6") step level abbrasion resistant plate T-Bar on top deck.
- ▶ Hydraulic folding for quick set up and tear down.

### Vibrating grid & Hopper

- ▶ Split level scalping grizzly with 3 T-Bar interchangeable cassettes and feed plate, mounted on 12 heavy duty springs.
- ▶ 3 easy-to-change end tensioned meshes on bottom deck
- ▶ Grid opening: 3350mm (11')
- ▶ Feed opening with wing plates: 4414mm (14' 6")
- ▶ Grid length: 2616mm (8' 7") (with feed plate)
- ▶ Grid aperture: 100mm, 150mm
- ▶ Grid angle: hydraulically variable between 2° and 25°
- ▶ Grid Motor: 51cc/rev
- ▶ Grid speed: 1050rpm

### Tracks

- ▶ Shoe Width: 400mm
- ▶ Heavy Duty Deflector doors to protect tracks
- ▶ Tracks fully protected by heavy duty deflector plate

### Powerunit / Hydraulics

- ▶ Tier 3 / Stage 3A: Deutz 55kW (74hp) Air-Cooled Engine Output @ 2300rpm  
Pump 1: Tandem - 28cc/rev and 28cc/rev  
The inside pump drives the left tracks or the vibrating grid  
The outside pump drives the right tracks or the stockpiler  
Pump 2: Single Pump 44cc - drives the main conveyor
- ▶ Tier 4F: CAT C3.4 55kW (74hp) Water Cooled Engine @ 2300rpm  
Pump: Triple- 46cc/33cc/rev and 33cc/rev  
The First Section Drives the Main Conveyor  
The Second Stage drives the left tracks or the vibrating grid  
The Third stage drives the right tracks or the stockpiler

### Tank Capacities

- ▶ Tier 3 Hydraulic Tank Capacity: 536 Litres (118 UK Gallons) (142 US Gallons)
- ▶ Tier 4F Hydraulic Tank Capacity: 500 Litres (109 UK Gallons) (132 US Gallons)
- ▶ Fuel Tank Capacity: 145 Litres (32 UK Gallons) (38 US Gallons)

### Discharge conveyor

- ▶ 1200mm (48"), EP 500/3ply belt with 5+1,5mm cover
- ▶ Hydraulic drive with steel skirting
- ▶ Heavy Duty Impact Roller in Hopper
- ▶ 2 Speed belt: 46mpm + 75mpm
- ▶ Drum centres: 9566mm (31' 5")
- ▶ 2 x 800 cc/REV Motors
- ▶ Discharge height: 3400mm (11' 2")
- ▶ Stockpile capacity: 83m³ (108.6yd³)

### Chassis

- ▶ Robust heavy duty chasis complete with 10mm thick protection plates

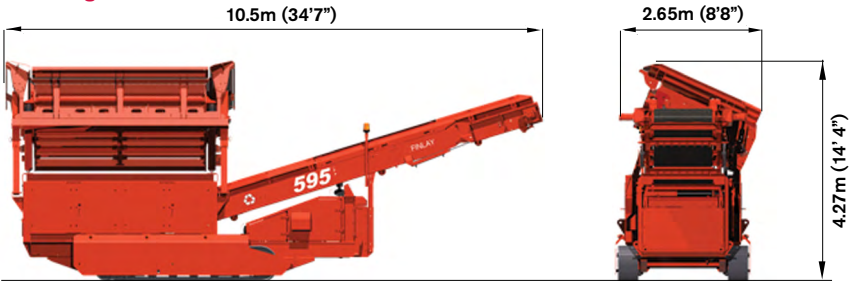


Machine Weight: 19,080Kg (42,064lbs)

### Transport Dimensions



### Working Dimensions



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