

TRACKED MOBILE HEAVY DUTY SCREEN



883+
f YouTube e

WORKS FOR YOU.™

883+

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 600 tonnes per hour and can be fed either by a tracked mobile crusher, shovel or an excavator.

Features:

- ▶ The banana profile and increased area of the new bottom deck maximizes screening of fines material.
- ▶ Modular configuration screen box with 4.8m x 1.5m (16' x 5') top deck and 4.8m x 1.5m (16' x 5') bottom deck screen.
- ▶ Aggressive screen box can accept bofar bars, speedharps, woven mesh, punch plate, tines and cascade fingers.
- ▶ Screen box angle can be hydraulically adjusted to an angle between 13° - 19°.
- ▶ Screen box discharge end can be hydraulically raised 500mm to facilitate efficient and easy media access and changing.

STANDARD FEATURES

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

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

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

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

Abbrasion Resistant plate steel pan apron feeder with heavy duty chain drive

Hopper capacity: 7m³ (9.16yd³)

No grid unit

Remote start stop of pan feeder

Hydraulic raise for mesh changing (500mm)

Both top and bottom decks 4.8m x 1.53m (16' x 5')

Galvanised catwalk around screen c/w handrail, kick board and access ladder

Screen box reject chute (1)

Belt width: 1.2m (48") O/S conveyor with twin drive and chevron belt (3.6m discharge height)

Skirting on oversize conveyor

Belt width: 800mm (32") chevron belt on middle grade conveyor with variable speed & thumper roller

Belt width: 800mm (32") plain belt on fines conveyor with variable speed & belt scraper

Seperate hydraulic drive for both transfer and fines conveyor

Heavy duty undercarriage unit with 400mm wide pads - 3.28m sprocket centres

Control operation of tracks via hand held-set with 5m connection lead

Safety guards in compliance with machinery directive

Low level greasing

Emergency Stops (4 nr)



Hopper / Feeder

- ▶ Hopper Capacity: 7m³ (9.16yd³)
- ▶ Feed height: 3.6m (11' 10")
- ▶ Feed in width: 2.6m (8' 7")
- ▶ Drive: Hydraulic variable speed drive via high torque gearbox
- ▶ Apron feeder dimensions: 1m wide x 3.81m (40" x 12' 6")
- ▶ Speed: variable, 0 - 25mpm (83ft/min)
- ▶ Abrasion Resistant steel pan apron feeder mounted with wide mouth opening

Powerunit

- ▶ Tier 3 / Stage IIIA: Caterpillar C4.4
Engine Power: 83kW (111.3hp)
Engine Speed: 2200 rpm
- ▶ Tier 3 / Stage IIIA: Caterpillar C4.4
Engine Power: 97kW (130hp)
Engine Speed: 2200 rpm
- ▶ Stage IIIA Constant Speed: Perkins 1104
Engine Power: 97kW (130hp)
Engine Speed: 1800 rpm
- ▶ Tier 4F / Stage IV : Caterpillar C4.4
Engine Power: 98kW (131hp)
Engine Speed: 2200 rpm

Fines conveyor

- ▶ Belt width: 800mm (32")
- ▶ Belt spec: plain belt
- ▶ Working Angle: 24° - 28°
- ▶ Rosta scraper on head drum
- ▶ Speed: variable speed, 120 m/min (394 ft/min) max belt speed
- ▶ Standard Discharge Height: 4m (13' 1") max
- ▶ Stockpile capacity: 95m³ (124yd³) max
- ▶ Optional telescopic section
- ▶ Extended Discharge Height: 4.8m (15' 9") max
- ▶ Stockpile capacity: 164.48m³ (215.14yd³) max

Undercarriage

- ▶ Shoe Width: 400mm (16")
- ▶ Sprocket Centres: 3.28m (10' 9")
- ▶ Speed: 0.8kph
- ▶ Gradeability: 24.8°
- ▶ Raking Angle: 12° min

Transfer conveyor

- ▶ Belt width: 1.2m (48")
- ▶ Belt spec: 3 ply Belt, EP 400
- ▶ Belt Speed: 83 m/min (272 ft/min)
- ▶ Conveyor fully skirted

Screenbox

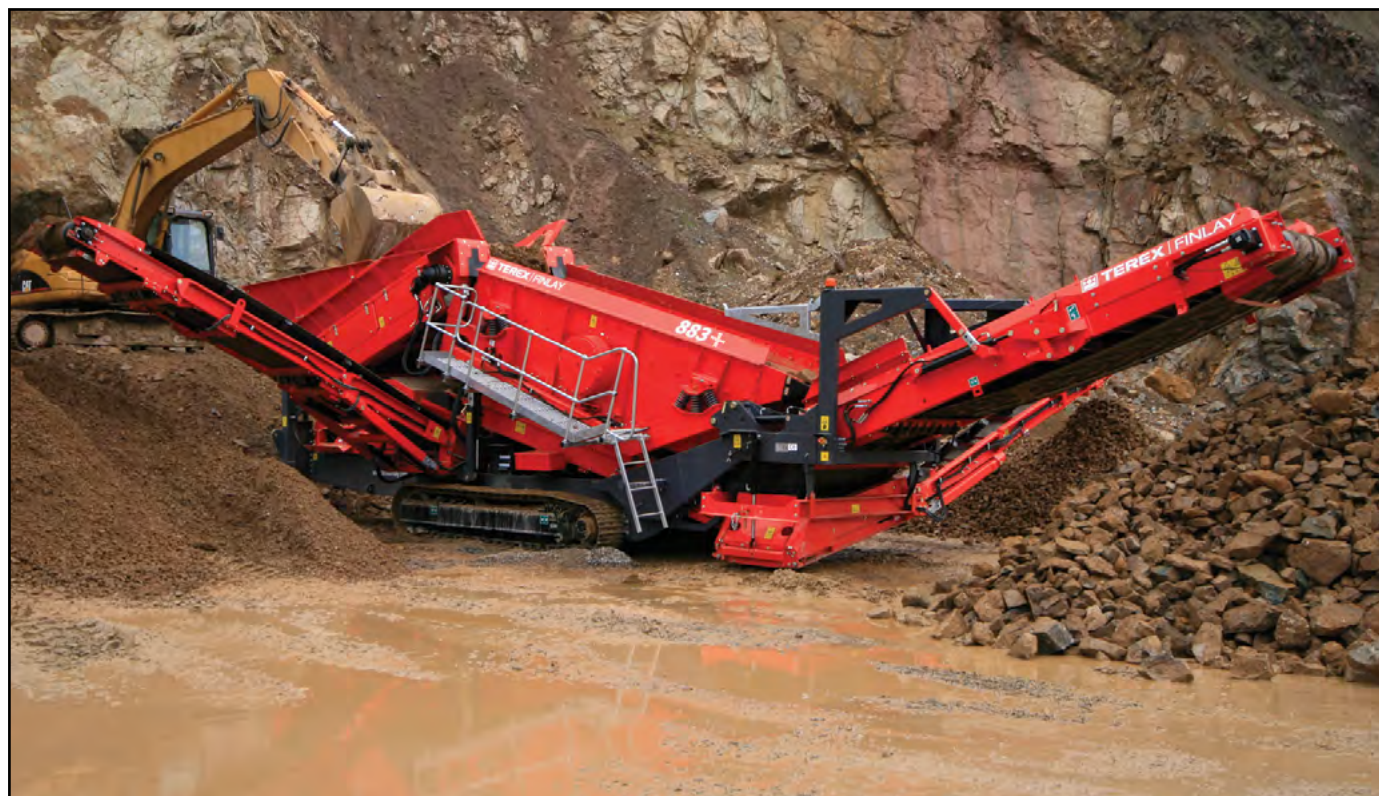
- ▶ Top deck: 4.8m x 1.53m (16' x 5')
- ▶ Bottom deck: 4.8m x 1.53m (16' x 5')
- ▶ Tensioning top deck: side
- ▶ Tensioning bottom deck: end
- ▶ Drive: hydraulic with heavy duty bearing (130mm)
- ▶ Catwalks: Galvanised access catwalk on both sides of screen
- ▶ Screen Angle: 13° - 19°, hydraulic adjustable
- ▶ Screen Speed: 1000 rpm
- ▶ Screen stroke Min/Max range: 8 - 10mm (0.3" - 0.4")
- ▶ Screen stroke standard: 8mm (0.4")
- ▶ Screen box discharge end raises hydraulically 500mm to facilitate mesh changing
- ▶ Total screening area: 14.4m² (155ft²)

Midgrade Conveyor

- ▶ Belt width: 800mm (32")
- ▶ Belt spec: chevron belt
- ▶ Working Angle: 22° - 26°
- ▶ Speed: variable speed 120 m/min (394 ft/min) max belt speed
- ▶ Standard Discharge Height: 3.4m (11' 2") max
- ▶ Stockpile capacity: 58m³ (76yd³) max
- ▶ Optional telescopic section
- ▶ Extended Discharge Height: 4.1m (13' 45") max
- ▶ Stockpile capacity: 102.5m³ (134.1yd³) max

Oversize conveyor

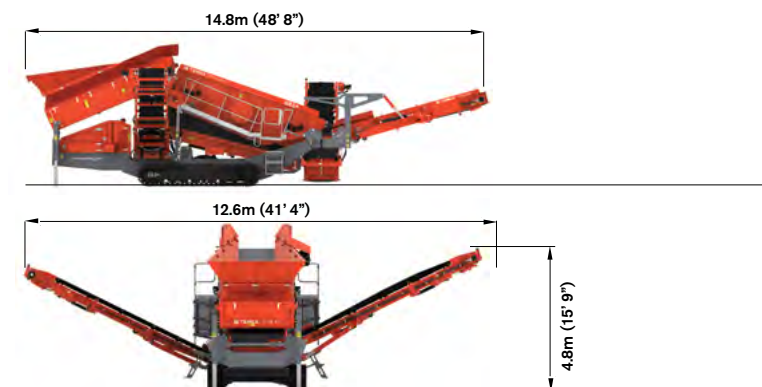
- ▶ Belt width: 1.2m (48")
- ▶ Belt spec: 3 ply Belt, EP 400
- ▶ Working Angle: 18° - 24°, hydraulic adjust
- ▶ Speed: Variable speed, 50 m/min max belt speed
- ▶ Impact bars 2/3 Length of Conveyor
- ▶ Steel skirted full length of conveyor
- ▶ Discharge Height: 3.6m (11' 10")
- ▶ Stockpile capacity: 70m³ (91yd³) max



Transport Dimensions



Working Dimensions



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

WORKS FOR YOU.™

Follow us on:



www.terexfinlay.com

Effective January 2015. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex GB Ltd. makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex® is a registered trademark of Terex Corporation in the USA and many other countries. Copyright 2010 Terex GB Ltd.



TEREX® | FINLAY

WORKS FOR YOU.™