

# TRACKED MOBILE HEAVY DUTY SCREEN



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# 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 500 tonnes per hour and can be fed either by a tracked mobile crusher or an excavator.

## Features:

- ▶ Aggressive screen box can accept bofor bars, speedharps woven mesh, punch plate, tines and cascade fingers.
- ▶ Modular configuration screen box with 4.8m x 1.5m (16' x 5') top deck and 3.65m x 1.5m (12' x 5') bottom deck screen.
- ▶ Screen box angle can be hydraulically adjusted to an angle between 13° to 19°.
- ▶ Screen box discharge end can be hydraulically raised 500mm to facilitate efficient and easy media access and changing.
- ▶ All stockpiling conveyors are hydraulic angle adjustable.

## STANDARD FEATURES

CAT water-cooled engine 83kW (111hp) c/w pre-cleaner system (scavenger)

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

Hopper capacity: 7m<sup>3</sup> hopper (9.16yds<sup>3</sup>)

No grid unit

Modular configuration screen box

Hydraulic raise for mesh changing: 500mm (20")

4.8m x 1.5m (16' x 5') top deck screen and 3.65m x 1.5m (12' x 5') bottom deck screen

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

Screen box reject chute (1)

1200mm (48") wide o/s conveyor with twin drive and chevron belt (3.6m (11' 11") discharge height)

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

800mm (32") wide plain belt on fines conveyor with variable speed and belt scraper

Remote start/stop of pan feeder

Skirting on oversize conveyor

Heavy duty undercarriage unit with 400mm wide pads - 3280mm 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)

### Powerunit

- ▶ CAT water-cooled engine 83kW (111hp)

### Fines conveyor

- ▶ Standard discharge height: 3.63m (11' 11")
- ▶ Plain belt: 800mm (32")
- ▶ Optional discharge height: 4.35m (14' 3")





\* Illustrated with optional extended conveyor option

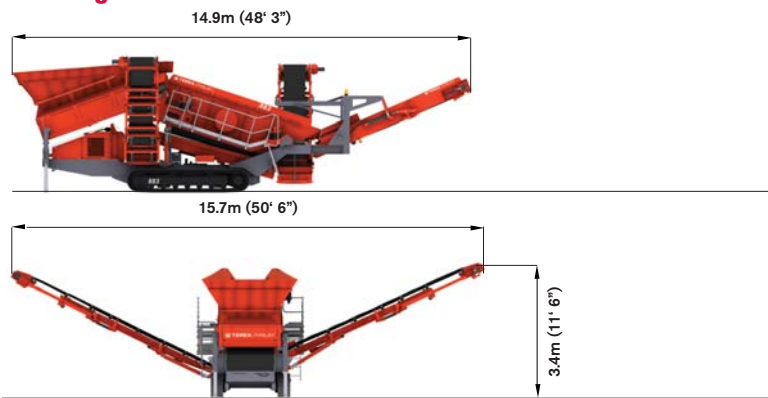


Machine Weight: 32,000Kg (70,547lbs)\*  
\*Standard Machine configuration

**Transport Dimensions**



**Working Dimensions**



<b>Maximum Plant Capacity:</b>	tph**	Stph**
	500	551

\*\*Material is based on pit run sand/gravel with bulk density 1/6T/cu.mm Screening capacity depends upon mesh sizes and relates to dry screening in optimal material conditions.

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