

 **TEREX** | FINLAY

TRACKED MOBILE HEAVY DUTY SCREEN



883+ TRIPLE SHAFT

WORKS FOR YOU.™

883+ TRIPLE SHAFT

The industry leading Terex Finlay 883+ is now available with a triple shaft screenbox that is ideal for working in dry and sticky applications including quarry, mining, sand, gravel, construction and demolition debris and recycling applications.

The heart of this new model is the new triple shaft screenbox, featuring two "true" full size 4.8 x 1.53m (16' x 5') screening decks. The triple-shaft design of this new screenbox employs an oval motion stroke to generate an aggressive screening action, reducing plugging and blinding over the screen decks to ultimately provide a quality product with high tonnage output.

The model is available with dual power technology consisting of on-board electrical motors permitting the flexibility to run the plant from an outside power supply or standard on-board engine.

Features:

- ▶ Higher G-force and angle and stroke adjustability of the triple shaft screenbox provides the optimal solution for high productivity in dry and sticky applications.
- ▶ Multiple media configurations including bofor bars, finger screens, woven mesh and punch plates are available for a wide range of applications, from fine screening to heavy scalping.
- ▶ All top deck media configurations are compatible with both the standard and triple shaft screenboxes.
- ▶ The banana profile of the bottom deck maximizes the screening of fine materials.

STANDARD FEATURES

ENGINE:

Tier 3 Equivalent Caterpillar C4.4 - 4 cylinder diesel engine developing 97kW (130hp) 1800 RPM

Stage IIIA Constant Speed: Caterpillar C4.4 98kW (131hp)

Tier 4F / Stage IV : Caterpillar C4.4 93kW (125hp) 1800 rpm

FEEDER:

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

Fixed Hopper

Remote start stop of pan feeder

SCREENBOX:

Modular configuration triple shaft screen box. Fixed working angle 10°

Hydraulic raise for mesh changing (500mm)

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

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

OVERSIZE CONVEYOR:

Belt Width: 1.2m (48") chevron belt & skirting

MIDDLEGRADE CONVEYOR:

Belt Width: 800mm (32") chevron belt with variable speed & thumper roller

FINES CONVEYOR:

Belt Width: 900mm (36") Plain belt with variable speed and belt scraper

Separate hydraulic drive on all conveyors

ELECTRICAL:

Emergency Stops (4 nr)

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

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

HOPPER / FEEDER

- ▶ Hopper Capacity: 7m³ (9.16yd³)
- ▶ Feed height: 3.69m (12' 1")
- ▶ Feed in width: 2.6m (8' 7")
- ▶ Drive: Hydraulic variable speed drive via
- ▶ Apron feeder dimensions: 1m wide x 3.8
- ▶ Speed: variable, 0 - 25mpm (83ft/min)
- ▶ Abrasion Resistant steel pan apron feeder with wide mouth opening

TRANSFER CONVEYOR

- ▶ Belt width: 1.2m (48")
- ▶ Belt spec: 3 ply Belt, EP 400
- ▶ Belt Speed: 77 m/min (253 ft/min)
- ▶ Conveyor fully skirted

POWERUNIT

- ▶ Tier 3 Equivalent: Caterpillar C4.4
Engine Power: 97kW (130hp)
Engine Speed: 1800 rpm
- ▶ Stage IIIA Constant Speed: Caterpillar C4.4
Engine Power: 98kW (131hp)
Engine Speed: 1800 rpm
- ▶ Tier 4F / Stage IV : Caterpillar C4.4
Engine Power: 93kW (125hp)
Engine Speed: 1800 rpm

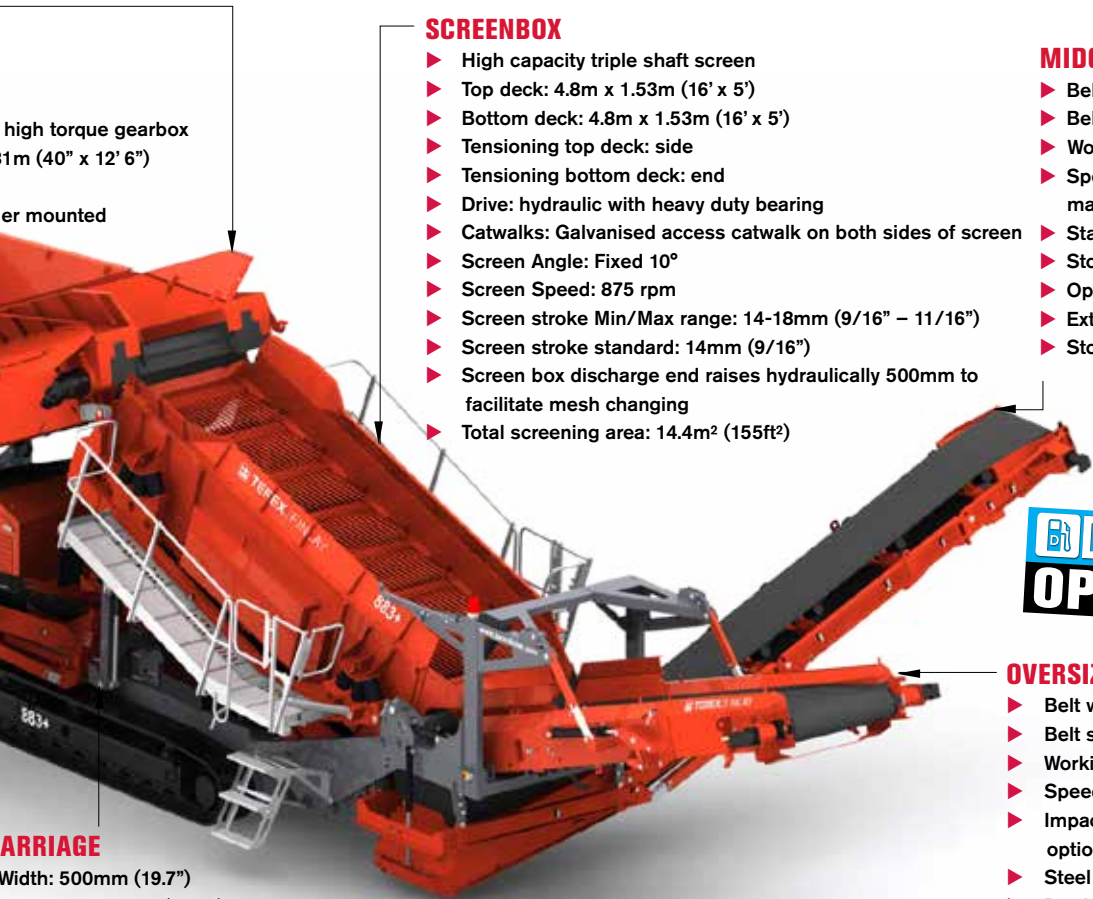
FINES CONVEYOR

- ▶ Belt width: 900mm (36")
- ▶ Belt spec: plain belt
- ▶ Working Angle: 24° - 28°
- ▶ Rosta scraper on head drum
- ▶ Speed: variable speed, 127 m/min (417 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")
- ▶ Stockpile capacity: 165m³ (216yd³)

UNDERCARRIAGE

- ▶ Shoe
- ▶ Sprock
- ▶ Speed
- ▶ Grade
- ▶ Raking
- ▶ Dual s





high torque gearbox
11m (40' x 12' 6")
er mounted

SCREENBOX

- ▶ High capacity triple shaft screen
- ▶ 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
- ▶ Catwalks: Galvanised access catwalk on both sides of screen
- ▶ Screen Angle: Fixed 10°
- ▶ Screen Speed: 875 rpm
- ▶ Screen stroke Min/Max range: 14-18mm (9/16" - 11/16")
- ▶ Screen stroke standard: 14mm (9/16")
- ▶ 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° max
- ▶ Speed: variable speed 127m/min (417 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")
- ▶ Stockpile capacity: 102.5m³ (135yd³)

DUAL POWER
OPTION AVAILABLE

OVERSIZE CONVEYOR

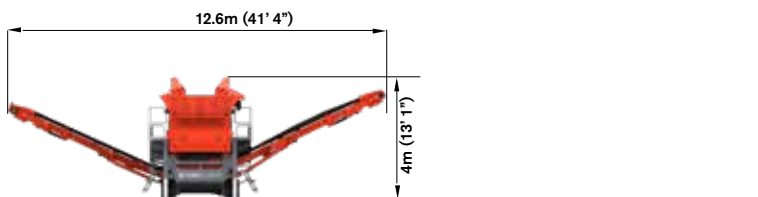
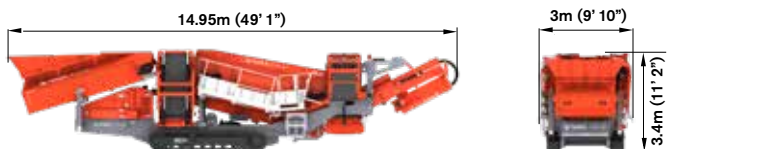
- ▶ Belt width: 1.2m (48")
- ▶ Belt spec: 3 ply Belt, EP 400
- ▶ Working Angle: 18° - 24°, hydraulic adjust
- ▶ Speed: Variable speed, 53 m/min max belt speed
- ▶ Impact bars 2/3 Length of Conveyor (Full length optional)
- ▶ Steel skirted full length of conveyor
- ▶ Discharge Height: 3.6m (11' 10")
- ▶ Stockpile capacity: 70m³ (91yd³) max

CARRIAGE

Width: 500mm (19.7")
Track Centres: 3.8m (12' 6")
Speed: 0.6 - 1.4kph
Pitch Angle: 28°
Working Angle: 12° min
Speed tracks as standard



Transport Dimensions



Working Dimensions

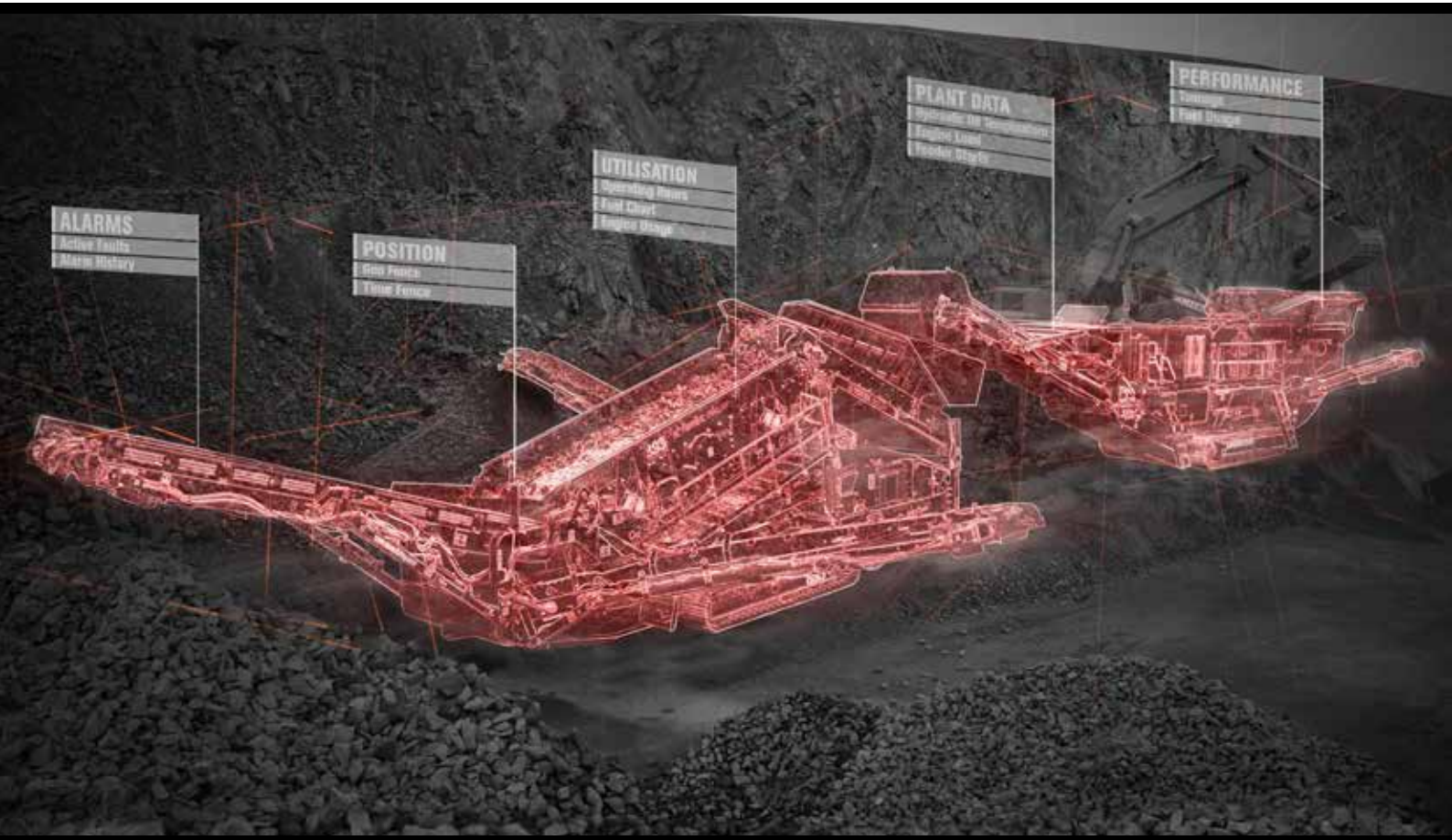
Machine Weight: * 34,000kg (74,957lbs)
* Standard Machine configuration

WORKS FOR YOU.™



Tlink

FLEET MANAGEMENT SYSTEM



FOR FURTHER INFORMATION CONTACT:

E. finlay.tlink@terex.com

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