



TEREX® | FINLAY

3 DECK TRACKED MOBILE HORIZONTAL SCREEN



984
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WORKS FOR YOU.™

984

The Terex Finlay 984 is a high performance horizontal 3 deck screener that is easy to set up, versatile and ideal for handling large volumes of material in quarrying, mining and recycling applications. Incorporating the proven 6100mm x 1930mm (20' x 6'4") Terex Cedarapids 6203 triple shaft screen for screening four product sizes of products maximising throughput and profitability. The adjustable elliptical throw of the three deck screen combines linear and circular amplitude to produce and aggressive screening action that reduces plugging and increases quality output. The 4 on-board product conveyors provide generous stockpiling capacity and fold hydraulically into one of the smallest transport envelopes for this class of machine.

STANDARD FEATURES

Engine:

Tier 3 - Caterpillar C6.6 - 6 cylinder diesel engine developing 151kW (202hp) @ 2200 rpm

Tier 4F / Stage IV - Caterpillar C7.1 - 6 cylinder diesel engine developing 151kW (202.5hp) @ 2200 rpm

Screenbox:

High capacity Cedarapids 6203, triple shaft 3 deck screen horizontal screen

Deck size: 6.1m x 1.93m (20' x 6' 4")

Hydraulic drive

Catwalk access, both sides

Hopper / Feeder:

Hopper capacity: 8m³ (10.4yd³), with impact reducing cross bars

Belt Width: 1.4m (55") feed belt

Variable speed control

Low level drop down rear feed point

Heavy duty, high torque hydraulically driven feed belt

Oversize Plus Conveyor (Front/Left side):

Belt Width: 900mm (36") Chevron belt

Rigid Drive Coupling

Hydraulic folding for transport

Oversize Minus Conveyor (Front End):

Belt Width: 1m (40") Plain belt

Rigid Drive Coupling

Hydraulic folding for transport

Middlegrade Conveyor (Front/Right side):

Belt Width: 900mm (36") Plain belt

Rigid Drive Coupling

Hydraulic folding for transport

Fines Conveyor (Rear/Right side):

Belt Width: 900mm (36") Plain belt

Rigid Drive Coupling

Hydraulic folding for transport

Transfer Conveyor (Under Screen):

Belt Width: 1.4m (55") Plain belt

Rigid Drive Coupling

General:

Galvanised catwalk c/w handrail, kick board and access ladders

Heavy duty track unit, 3.8m sprocket centres, pad width 500mm

Hand held track control set with 5m connection lead

Safety guards in compliance with machinery directive

Multiple easy access low level greasing points

One auxiliary drive* standard on basic machine

Emergency stops (4 nr)

Powerunit

- ▶ Tier 3 / Stage IIIA: Caterpillar C 6.6 Acert
Engine Power: 151kW (202hp)
Engine Speed: 2200 rpm
- ▶ Tier 4F / Stage IV - Caterpillar C7.1
Engine Power: 151kW (202.5hp))
Engine Speed: 2200 rpm

Fines conveyor

- ▶ Belt width: 900mm (36")
- ▶ Belt spec: plain
- ▶ Working Angle: 30° max
- ▶ Rosta scraper on head drum
- ▶ Belt Speed: 85 m/min
- ▶ Fitted at rear / right side of machine
- ▶ Hydraulic folding for transport
- ▶ Ground level greasing access for all bearings
- ▶ Standard Discharge Height: 5.4m (17' 8") max
- ▶ Stockpile capacity: 235m³ (307yd³) max

Hopper / Feeder

- ▶ Hopper Capacity: 8m³ (10.4yd³)
- ▶ Feed height: 3m (9' 10"), 2.6m (8' 6") with rear flap lowered
- ▶ Feed in width: 2.65m (8' 8")
- ▶ Drive: Heavy duty gearbox / hydraulic drive with variable speed control
- ▶ Belt width: 1.4m (55")
- ▶ Speed: 37 m/min
- ▶ Material: 10mm (3/8") thick plate

Screenbox

- ▶ High capacity Cedarapids 6203, triple shaft screen
- ▶ All 3 Screen decks: 6.1m x 1.93m (20' x 6' 4")
- ▶ Tensioning screen decks: side
- ▶ Drive: hydraulic with heavy duty bearing
- ▶ Catwalks: Galvanised access catwalk on both sides of screen
- ▶ Screen Angle: Fixed Horizontal
- ▶ Screen Speed: Variable, 730 – 875 rpm
- ▶ Screen stroke Min/Max range: 14/18mm (9/16" - 11/16")
- ▶ Screen stroke standard: 14mm (9/16")
- ▶ Total screening area: 35.32m² (380ft²)

Oversize plus conveyor

- ▶ Belt width: 900mm (36")
- ▶ Belt spec: Chevron
- ▶ Working Angle: 22° max
- ▶ Belt Speed: 63 m/min (Recirc.)
- ▶ Fitted at front / left side of machine
- ▶ Hydraulic folding for transport
- ▶ Discharge Height: 4.8m (15' 9")
- ▶ Stockpile capacity: 165m³ (215yd³) max

Oversize minus conveyor

- ▶ Belt width: 1m (40")
- ▶ Belt spec: Plain
- ▶ Working Angle: Fixed 22°
- ▶ Belt Speed: 63 m/min (126 m/min max.)
- ▶ Fitted at front end of machine
- ▶ Hydraulic folding for transport
- ▶ Discharge Height: 4.7m (15' 7")
- ▶ Stockpile capacity: 155m³ (202yd³) max

Middlegrade conveyor

- ▶ Belt width: 900mm (36")
- ▶ Belt spec: Plain
- ▶ Working Angle: 22° max
- ▶ Belt Speed: Variable, 141 m/min max belt speed
- ▶ Fitted at front / right side of machine
- ▶ Hydraulic folding for transport
- ▶ Standard Discharge Height: 4.8m (15' 9")
- ▶ Stockpile capacity: 165m³ (215yd³) max

Transfer conveyor

- ▶ Belt width: 1.4m (55")
- ▶ Belt spec: Plain
- ▶ Belt Speed: 85 m/min max
- ▶ Conveyor fully skirted

Chassis

- ▶ Heavy duty web/flange construction
- ▶ Bolt-on tracks
- ▶ Galvanised Catwalks around screen

Features:

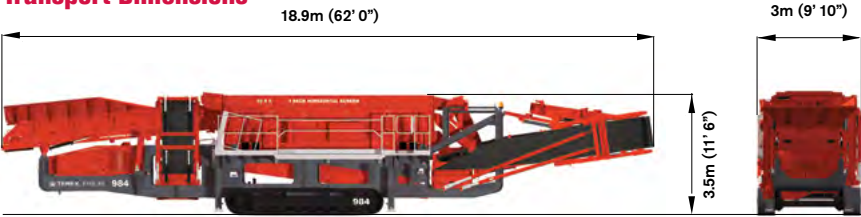
- ▶ The innovative patented hydraulic folding conveyors system enables compact transport envelope width of only 3000mm (9' 10").
- ▶ The innovative oval-throw action makes the horizontal screen virtually non-plugging.
- ▶ The ability to fine tune stroke angle, amplitude and speed of the screenbox allows throughput of materials up to 800tph.



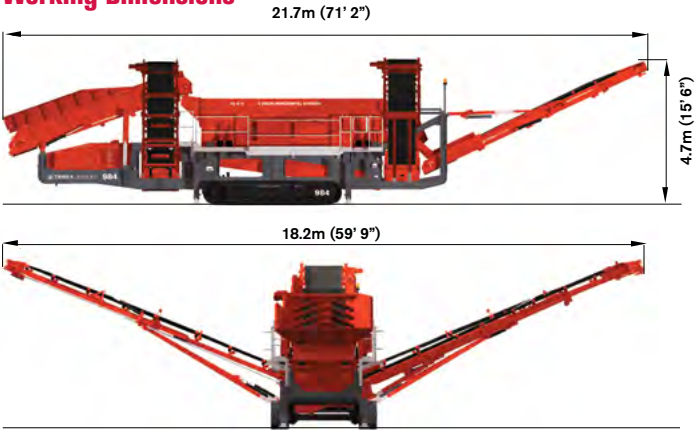
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Machine Weight: * 43,100kg (95,019lbs)
* Standard Machine configuration

Transport Dimensions



Working Dimensions



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