

FINLAY 3 DECK

984

TRACKED MOBILE HORIZONTAL SCREEN



BELL

984

The 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") 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 an 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 / Stage 3A - Caterpillar C6.6 Acert - 6 cylinder diesel engine developing 151kW (202.5hp) @ 2200 RPM

Tier 4i / Stage 3B - 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

1400mm (55") wide 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):

Chevron belt: 900mm (36")

Rigid Drive Coupling

Hydraulic folding for transport

Oversize Minus Conveyor (Front End):

Plain belt: 1000mm (40")

Rigid Drive Coupling

Hydraulic folding for transport

Middlegrade Conveyor (Front/Right side):

Plain belt: 900mm (36")

Rigid Drive Coupling

Hydraulic folding for transport

Fines Conveyor (Rear/Right side):

Plain belt: 900mm (36")

Rigid Drive Coupling

Hydraulic folding for transport

Transfer Conveyor (Under Screen):

Plain belt: 1400mm (55")

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 3A: Caterpillar C6.6 Acert 151kW (202.5hp) @ 2200 RPM
- ▶ Tier 4i / Stage 3B: Caterpillar C7.1 151kW (202.5hp) @ 2200 RPM

Fines conveyor

- ▶ Standard discharge height: 4700mm (15' 5")
- ▶ Plain belt: 900mm (36")
- ▶ Hydraulic folding

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.



FINLAY

Hopper / Feeder

- ▶ Hopper capacity: 8m³ (10.4yd³)
- ▶ Plain belt: 1400mm (55")

Screenbox

- ▶ High capacity Cedarapids 6203 screenbox
- ▶ 6100mm x 1930mm (20' x 6' 4")
- ▶ 3 deck triple shaft drive
- ▶ Adjustable stroke up to 17.5mm (11/16")

Oversize plus conveyor

- ▶ Standard discharge height: 4.8m (15' 9")
- ▶ Chevron belt: 900mm (36")
- ▶ Hydraulic folding

Oversize minus conveyor

- ▶ Standard discharge height: 4600mm (15' 1")
- ▶ Plain belt: 1000mm (40")
- ▶ Hydraulic folding

Middlegrade conveyor

- ▶ Standard discharge height: 4800mm (15' 9")
- ▶ Chevron belt: 900mm (36")
- ▶ Hydraulic folding

Transfer conveyor

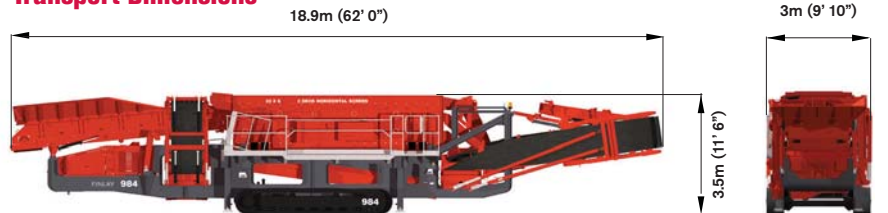
- ▶ Plain belt: 1400mm (55")
- ▶ Located below screenbox

Chassis

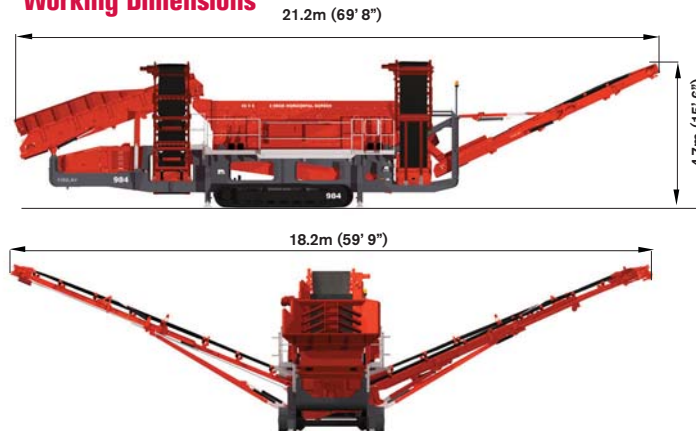
- ▶ Heavy duty web/flange construction
- ▶ Bolt-on tracks
- ▶ Galvanised Catwalks around screen



Transport Dimensions



Working Dimensions



Machine Weight: 43,830kgs (96,629lbs)*

*Standard Machine configuration

BELL

GENUINE FINLAY Spare Parts...



Bell Equipment aims to keep you moving 24 hours a day, 7 days a week, 365 days a year.

Whether you need jaw liners, meshes or replacement components, only genuine Finlay parts guarantee the safety, proper functioning and reliability of your equipment. Finlay supplies quality original parts to protect your investment and our knowledgeable product specialists help ensure you receive exactly what you need to get your equipment back on the job quickly & cost effectively.



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