

FINLAY

883

TRACKED MOBILE HEAVY DUTY SCREEN



BELL

883

The high performance 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

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

Tier 4i / Stage 3B - Caterpillar C4.4 - 4 cylinder diesel engine developing 82kW (110hp) @ 2200 RPM

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

Hopper capacity: 7m³ (9.16yd³)

No grid unit

Modular configuration screen box

Hydraulic raise for mesh changing (500mm)

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

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

Galvanised 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 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 & 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

Low level greasing

Emergency Stops (4 nr)

Powerunit

- ▶ Tier 3 / Stage 3A Caterpillar C4.4 ATAAC - 4 cylinder diesel engine developing 83kW (111.3hp) 2200 RPM
- ▶ Tier 4i / Stage 3B Caterpillar C4.4 ATAAC - 4 cylinder diesel engine developing 83kW (111.3hp) 2200 RPM



Fines conveyor

- ▶ Standard discharge height: 3.63m (11' 11")
- ▶ Plain belt: 800mm (32")
- ▶ Extended discharge height: 4.35m (14' 3")
- ▶ Variable speed
- ▶ Rosta scraper on head drum
- ▶ Optional telescopic section



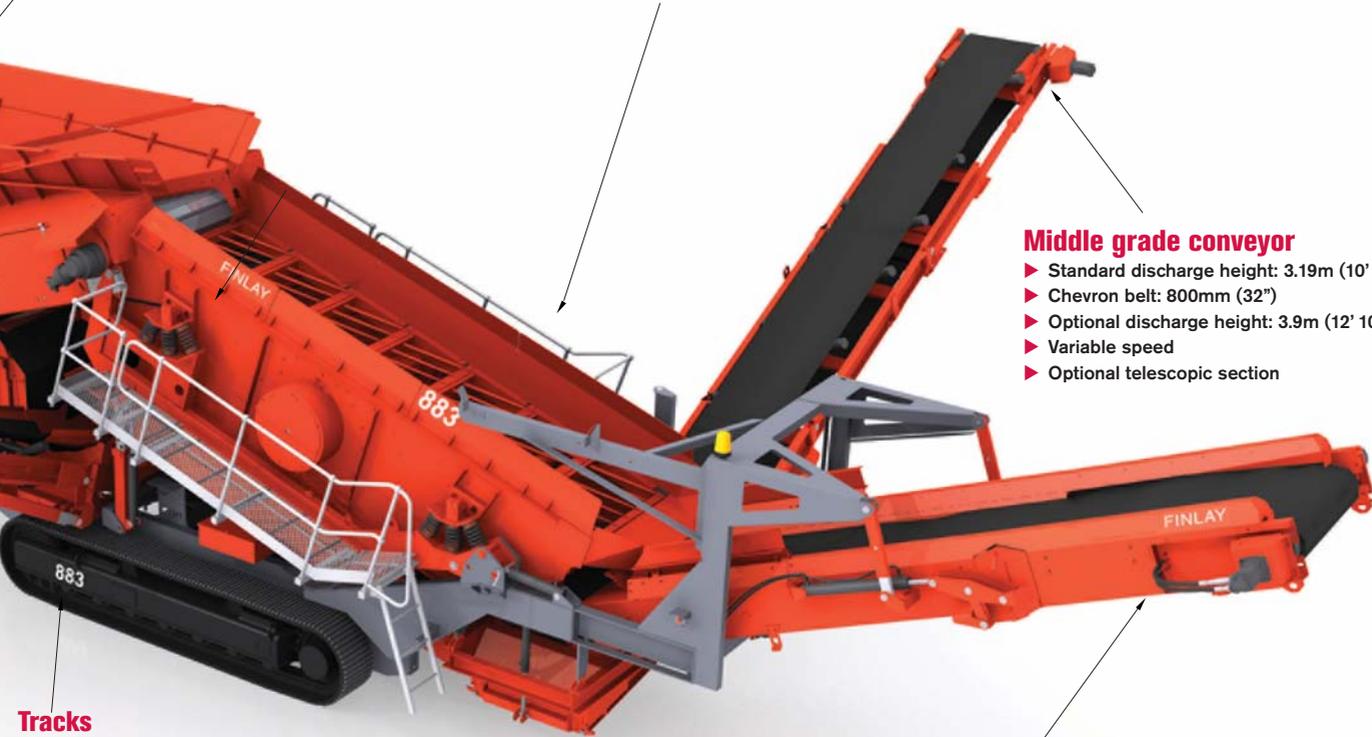
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Hopper / Feeder

- ▶ Hopper capacity: 7m³ (9.16yd³)
- ▶ Steel pan apron feeder: 1000mm (40")
- ▶ Hydraulic variable speed

Screenbox

- ▶ Top deck: 4.8m x 1.5m (16' x 5')
- ▶ Bottom deck: 3.6m x 1.5m (12' x 5')
- ▶ Galvanised access catwalk on both sides of screen
- ▶ Hydraulic angle adjustment: 13° - 19°
- ▶ Screen box discharge end raises hydraulically 500mm to facilitate mesh changing



Middle grade conveyor

- ▶ Standard discharge height: 3.19m (10' 6")
- ▶ Chevron belt: 800mm (32")
- ▶ Optional discharge height: 3.9m (12' 10")
- ▶ Variable speed
- ▶ Optional telescopic section

Oversize conveyor

- ▶ Standard discharge height: 3.6m (11' 10")
- ▶ Chevron belt: 1200mm (48")
- ▶ Working angle adjustable: 18° - 24°
- ▶ Variable speed

Tracks

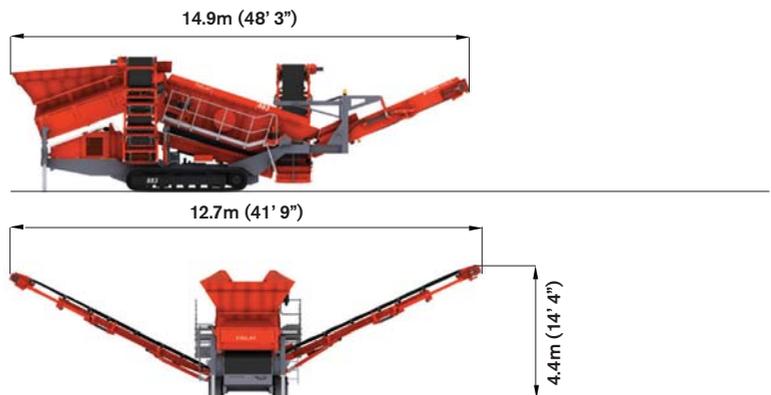
- ▶ Shoe width: 400mm (16")
- ▶ Sprocket centres: 3.28m (10' 9")

***Illustrated with optional extended conveyor option*

Transport Dimensions



Working Dimensions



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

*Standard Machine configuration



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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