

893+

HEAVY DUTY SCREEN



STRONG HERITAGE, STRONG FUTURE

 **FINLAY**®
A TEREX BRAND

893

HEAVY DUTY SCREEN



The Finlay® 893+ mobile scalper is a highly versatile and aggressive heavy duty screener engineered and built for working in large scale quarrying, mining, construction and demolition debris, topsoil, recycling, sand, gravel, coal, ore and aggregate applications.

The plant has the capacity to process at a rate of up to 800 tonnes per hour and can be fed either by a tracked mobile crusher, shovel or an excavator. Depending on the application the working angle of the aggressive screenbox can be hydraulically adjusted to between 14 – 18°.

A key feature of this screening machine is the capability to change the working angle of the hopper/feeder. The working positioned can be lowered so that it can work with ease with a mobile crusher.

The hopper/feeder working position can be raised to provide a reduced feeder angle when operated in direct mode from an excavator or shovel. The screen box top deck can be fitted with a variety of screening media including: Mesh, Punch plate, Bofor bars & Tines. The bottom deck can be fitted with mesh, punch plate & cascade fingers.

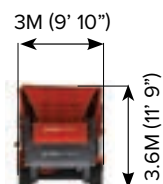
This fully self-contained plant can be hydraulically folded and ready for transport in less than 30 minutes making it the ideal machine for large scale contract screening projects where a highly productive and dependable screen is paramount.

FEATURES:

- Versatile aggressive screen box can be easily adapted to suit many applications.
- Modular configuration screen box with 6.1m x 1.8m (20' x 6') top deck and 5.5m x 1.8m (18' x 6') bottom deck screen.
- Screen box angle can be hydraulically adjusted to an angle between 14 – 18°.
- Screen box discharge end can be hydraulically raised 600mm (24") to facilitate efficient and easy media access and changing.
- All stockpiling conveyors are hydraulic angle adjustable with hydraulic extending head sections for maximum discharge & stockpile height.
- Apron feeder angle adjustable, lower position to accommodate crusher feed, high position provides reduced feeder incline angle when operated in direct feed mode from excavator/loader.

TRANSPORT DIMENSIONS

17.9M (58' 8")



WORKING DIMENSION

18.3M (60' 8")



16.15M (53')



MACHINE WEIGHT: 48,000KG (106,000LBS) ESTIMATED

1 HOPPER/FEEDER

Hopper Capacity: 10m³ (13.08 yd³)

Feed height: 3.22m - 4.134m (10' 6" - 13' 6")

Feed in width: 1.698m - 2.475m (5' 6" - 8' 1")

Apron feeder dimensions: 1.1m x Length 5.18m (43" x 16' 12")

2 SCREENBOX

Top deck: 6.1m x 1.83m (20' x 6')

Bottom deck: 5.5m x 1.83m (18' x 6')

Screen Angle: 14° - 18°

Screen box discharge end raises hydraulically 500mm to facilitate mesh changing

Media options: Mesh, Punch Plate, Bofor bars

Total screening area: 21.2m² (228 ft²)

3 UNDERCARRIAGE

Width: 500mm (20")

Sprocket centres: 3.8m (12' 6")

gradeability: 28.9°

Raking Angle: 10°



T-LINK TELEMATICS

T-Link telematics hardware and software along with free seven year data subscription are fitted and installed as standard.

4 MIDGRADE CONVEYOR

Belt width: 900mm (36")

Working Angle: 25°

Speed: variable speed, up to 114 mpm

Standard Discharge Height: 4.35m (14' 03")

Stockpile capacity: 122m³ (159.6yd³) @ 40°

5 FINES CONVEYOR

Belt width: 1.05m (41")

Working Angle: 25°

Standard Discharge Height: 4.5m (14' 09")

Stockpile capacity: 136m³ (178yd³) @ 40°

6 OVERSIZE CONVEYOR

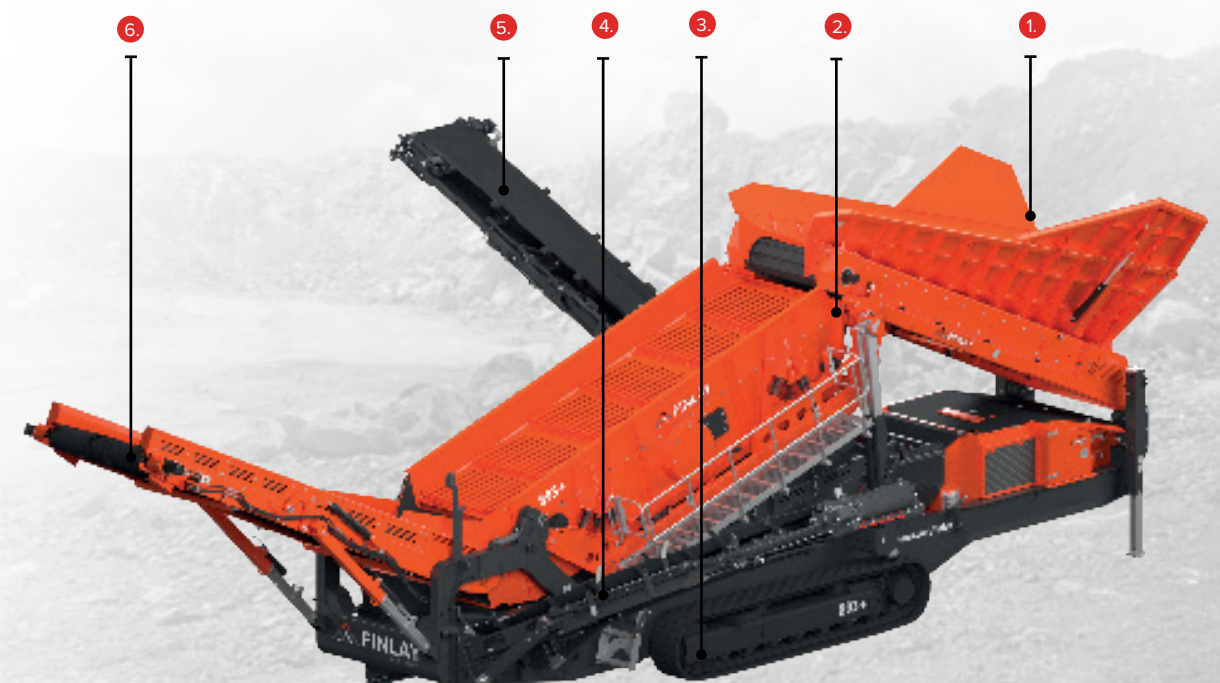
Belt width: 1.6m (63")

Working Angle: Hydraulic raise/lower variable working angle - 14° to 24°

Hydraulically folding head section

Discharge Height: 4.55m (14' 11")

Stockpile capacity: 140.1m³ (183.2yd³) @ 40°





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Published and Printed in 2022