

# 870

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The Finlay® 870 mobile scalper is a compact and aggressive forward facing screen.

This flexible and mobile plant can work in aggregates, sand and gravel, top soil, construction demolition and recycling applications where site space is at a premium.

The fully self-contained plant can be hydraulically folded and ready for transport in less than an hour making it the ideal machine for contract screening.

The plant has the capacity to process at a rate of up to 280 tonnes per hour and can be fed either by a tracked mobile crusher or an excavator.

### FEATURES:

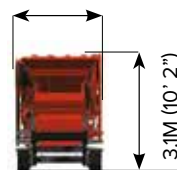
- Aggressive screen box can accept bofor bars, screenharps, woven mesh, punch plate and cascade fingers.
- Screen box angle can be hydraulically adjusted to an angle between 14° to 18°.
- Screen box discharge end can be hydraulically raised 500mm to facilitate efficient and easy media access and changing.
- Oversize conveyor angle can be hydraulically adjusted from 15° to 24°

### TRANSPORT DIMENSIONS

11M (35' 11")



2.5M (8' 2")

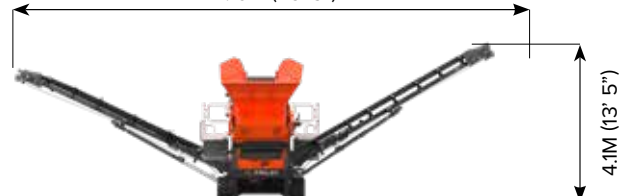


3.1M (10' 2")

12.5M (41' 01")



14.10M (46' 3")



**MACHINE WEIGHT:** 20,750 KG (45,745 LBS)\*  
WITH BELT FEEDER

### 1 HOPPER/FEEDER

Hopper Capacity: 5m<sup>3</sup> (6.54yd<sup>3</sup>) with hydraulic folding hopper extensions

Feed height: 3.3m (10' 10")

Feed in width: 2.2m (7' 3")

Drive: Hydraulic variable speed

### 2 UNDERCARRIAGE

Shoe Width: 400mm (16")

Dual speed tracking

Gradeability: 39°

Raking Angle: 9° min

### 3 SCREENBOX

Top deck: 4.1m x 1.22m (13' 6" x 4')

Bottom deck: 4.1m x 1.22m (13' 6" x 4')

Screen Angle: 14° - 18°, hydraulic adjust

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

Total screening area: 6.7m<sup>2</sup> (72ft<sup>2</sup>)

### 4 FINES CONVEYOR

Belt width: 650mm (26")

Working Angle: 25°

Standard Discharge Height: 3.85m (12' 8")

Stockpile capacity: 85m<sup>3</sup> (111yd<sup>3</sup>)

### 5 MIDGRADE CONVEYOR

Belt width: 650mm (26")

Working Angle: 25°

Standard Discharge Height: 3.68m (12' 1")

Stockpile capacity: 75m<sup>3</sup> (98yd<sup>3</sup>)

### 6 OVERSIZE PLUS CONVEYOR

Belt width: 1m (40")

Working Angle: 15° - 24°, hydraulic adjust

Discharge Height: 3.5m (11' 6")

Stockpile capacity: 64m<sup>3</sup> (83.8yd<sup>3</sup>) max

### T-LINK<sup>7</sup> TELEMATIK

T-Link Telematik-Hardware und -Software sowie ein kostenloses Datenabonnement für sieben Jahre sind serienmäßig eingebaut und installiert.





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