



150E | Hydrasander

Bucket Mesh Aperture:	10 x 5 mm
Power Requirements:	7.5kW
Water Requirements:	1820 - 3640 litres/min 400 - 800 UK gpm 480 - 960 US gpm



Specifications

Bucket Wheels

Bucket Wheel Diameter: 3353mm - 11'0"
 Number of Buckets: 48
 Bucket Width: 610mm - 2'0"
 Operating Bucket speed: 0.25 - 1.5rpm

Spiral

Spiral Diameter: 2054mm - 6'9"
 Spiral Length: 4332mm - 14'3"
 Operating Spiral Speed: 0.5 - 3.5rpm

Capacities

Holding Capacity: 14,074 litres
 3,100 UK gallons
 3,720 US gallons
 Output Capacity: 60 - 120 TPH depending on application

Hydraulics

Max. Hydraulic Pressure:

Bucket - 93 Bar
 - 1350 PSI

Spiral - 124 Bar
 - 1800 PSI

Max. Hydraulic Oil Flow: Bucket - 23 litres/min
 - 5 UK gal/min
 - 6 US gal/min

Spiral - 23 litres/min
 - 5 UK gal/min
 - 6 US gal/min

Hydraulic Oil Capacity: - 180 litres
 - 40 UK Gallons
 - 48 US gallons

Powerunit

7.5kW Electric Hydraulic Unit
 Pump: Tandem 1PL052 / 1PL052 CTD

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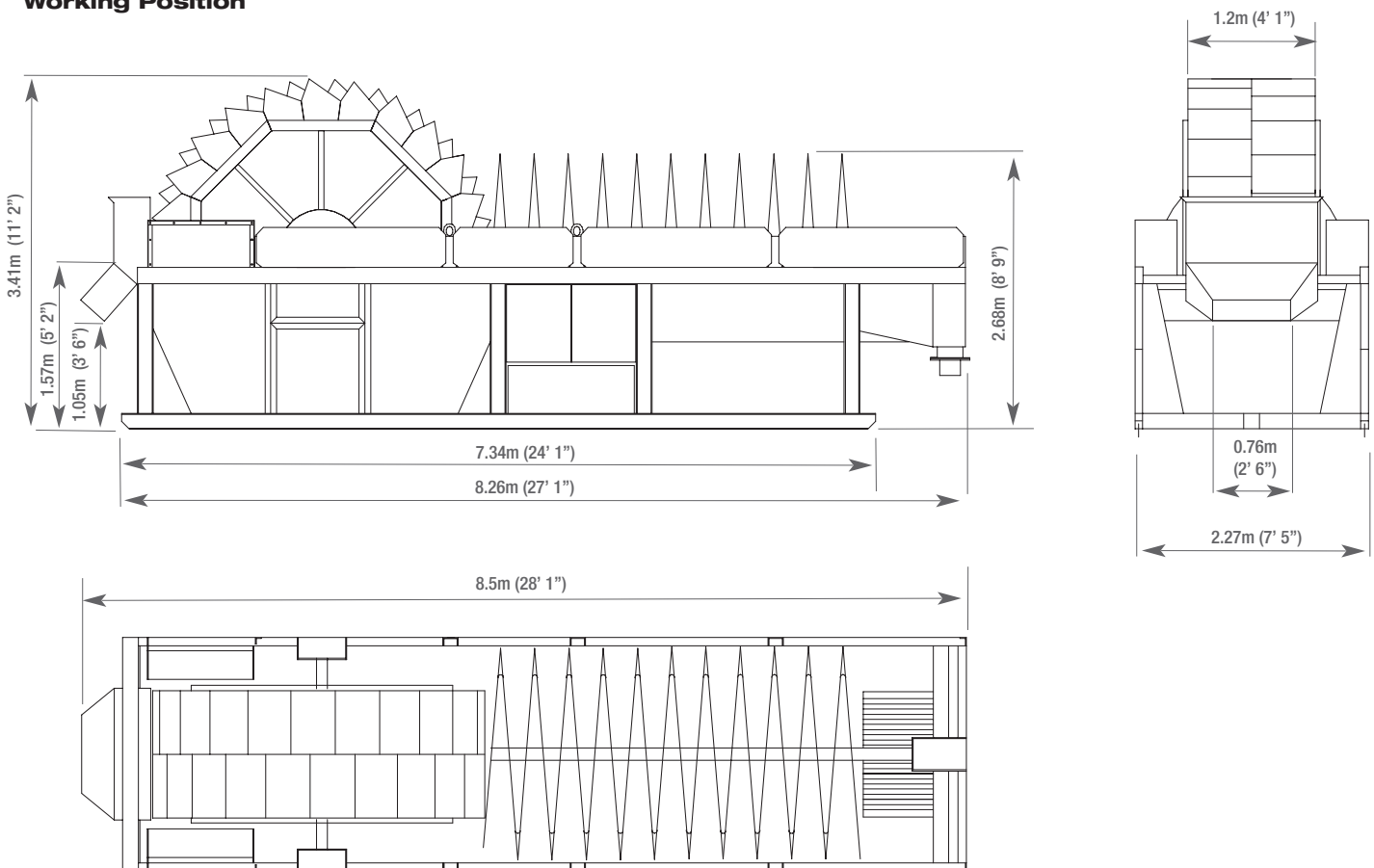
Standard

- Electric hydraulic drive 7.5kW
- 3.35m (11') diameter bucket wheel (tandem buckets)
- 2.05m (6'9") diameter fines recovery spiral 4.3m (14'3") long
- Independent variable speed control on both bucket wheel and spiral
- 48 nr 610mm (24") wide corrosion resistant bucket meshes (10 x 5mm slotted)
- Drainage butterfly valve
- Discharge chute
- Guards to M & Q specification
- Emergency stops (4 nr)
- Tank capacity 14,074 litres (3,100 UK gallons)
- 7.5 tonnes unladen weight

Options

- Hydraulic drive from rinser
- 6m standard open sand water troughing 362mm x 191mm
- 6m of 6mm rubber lined standard open sand water troughing 362mm x 191mm
- Steel lined discharge chute
- 6mm thick rubber lined discharge chute
- 300mm high support legs
- Special paint colour (if different from Finlay Orange RAL 2002). RAL must be specified on order
- 1.5m main body and spiral extension

Working Position



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