

POWERSCREEN® 750 POWERTRAK

SCALPING SCREEN



TECHNICAL SPECIFICATION - REV 4. 01/01/2019





750 POWERTRAK SCREEN



OVERVIEW

SPECIFICATION

	Powertrak 750
Total weight	19,000kg (41,888lbs)
Transport	Length 9.44m (30' 11")
	Height 3.2m (10' 7")
	Width 2.82m (9' 3")
Working	Length 10.6m (34' 10")
	Height 4.1m (13' 5")
	Width 2.7m (8' 10")
Screen Unit:	4.5m x 2.75m (14' 9" x 9')
Power Unit	Diesel Hydraulic
Paint Colour	Blue RAL 5021, Grey RAL 7024, Black RAL 9005

FEATURES & BENEFITS

The Powerscreen® Powertrak 750 is a self-contained high capacity mobile scalping unit. With it's robust construction the Powertrak 750 can easily withstand the toughest scalping applications and is versatile enough to perform at an equally high level in fine screening applications.

The vibrating grid length offers a huge target area which ensures straightforward feeding with either a wheel loader or an excavator. This coupled with its compact, sleek design and ease of movement makes the Powertrak 750 the ultimate choice for contractors, quarry operators & recycling customers.

- Output potential up to 600tph (660 US tph) (Depending on application & media fitted)
- Quick set-up and tear down times
- Easily transported
- Maximum mobility with heavy duty, low ground pressure crawler tracks
- High performance hydraulic system - cast iron pumps & motors complete with hydraulic cooler
- Efficient design with low fuel consumption
- User-friendly operation & maintenance
- Class-leading stockpiling capacity
- Easily accessed powerunit canopy

APPLICATIONS



Aggregate

Sand & gravel
Blasted rock
River rock



Recycling

C&D waste
Overburden
Foundry waste
Topsoil



Mining

Processed ores
Processed minerals



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VIBRATING GRID & HOPPER

Split level scalping grizzly with 3 T-Bar interchangeable cassettes and feed plate, mounted on 12 heavy duty springs.

3 easy-to-change end-tensioned meshes on bottom deck

Standard grid opening: 150mm (6"), Optional: 100mm (4")

Standard bottom deck woven mesh aperture: 60mm (2.4")

Grid opening: 3.35m (11')

Feed opening with wing plates: 4.41m (14' 6")

Grid length: 2.6m (8' 6") (with feed plate)

Grid aperture: 100mm (4"), 150mm (6")

Grid angle: hydraulically variable between 2° and 25°

Hopper capacity: 5m³ (6.5 yd³)

Heavy duty feed shroud supported from grid sub-frame





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DISCHARGE CONVEYOR

1200mm wide (3' 11"), EP 500 / 3ply belt with 5+1,5mm cov-er

Hydraulic drive with steel skirting

Heavy duty impact roller in hopper

Dual speed belt: Max speed T3 : 80m/min, T4 : 69m/min

Twin drive system

Discharge height: 3.4m (11' 2")

Stockpile capacity: 58m³ (76yd³)

Hydraulic folding for transport





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CRAWLER TRACKS

Shoe width: 400mm (1' 4")

Sprocket centres: 2.96m (9' 8")

Gradability degrees: 41.7°

Tracks fully protected by heavy duty deflector plate

Optional radio remote control





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POWER UNIT

Engine Tier 3 Equivalent: Deutz D914 LO4i 53 kW (71hp) @ 2300rpm
Engine Tier 4 / Stage IIIB : CAT C3.4 52 kW (70hp) @ 1800rpm

Hydraulic tank T3: 490 litres (129 US Gal)

Hydraulic tank T4: 460 litres (122 US Gal)

Fuel tank: 145 litres (38 US Gal)



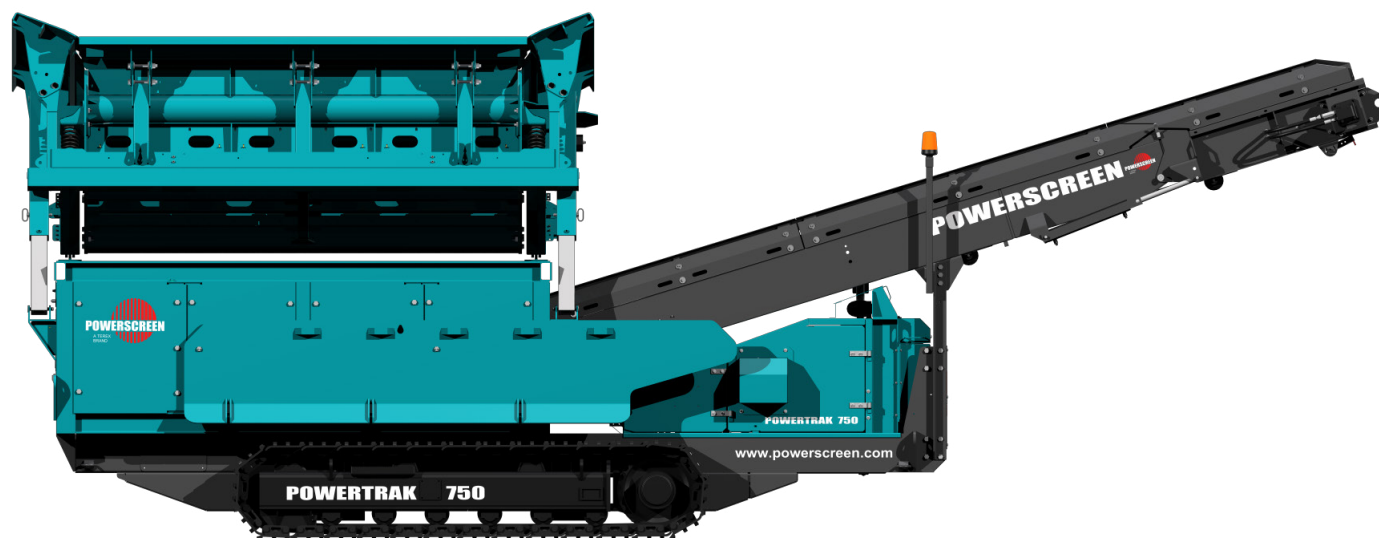


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OPTIONS

- Radio controlled tracking
- Hydraulic oil Grade 68
- 6mm Hardox lining in hopper
- Different coloured machine





750 POWERTRAK SCREEN

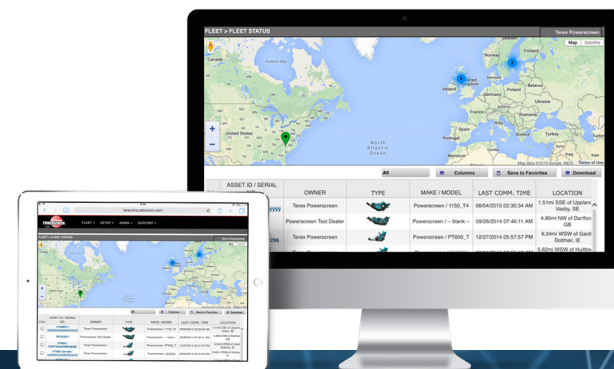


POWERSCREEN PULSE


RECORD, DISPLAY AND ANALYSE DATA:

HIGH EFFICIENCY THROUGH PRECISE INFORMATION

Powerscreen Pulse is a system which allows the machine to relay performance and production data via phone networks, or by satellite when there's no cellular signal, to any device with a web browser, such as a PC, tablet or Smartphone. Please contact the factory for further information.




**AVAILABLE
ANYWHERE
AND AT ANY TIME**


**DASHBOARD
DISPLAY**


**FLEET
OVERVIEW**


**WEEKLY REPORT
DIRECT TO YOUR
INBOX**


**GPS: MACHINE
TRACKING**


**REPORTING
UTILISATION, PERFORMANCE
& PART SPECIFIC**



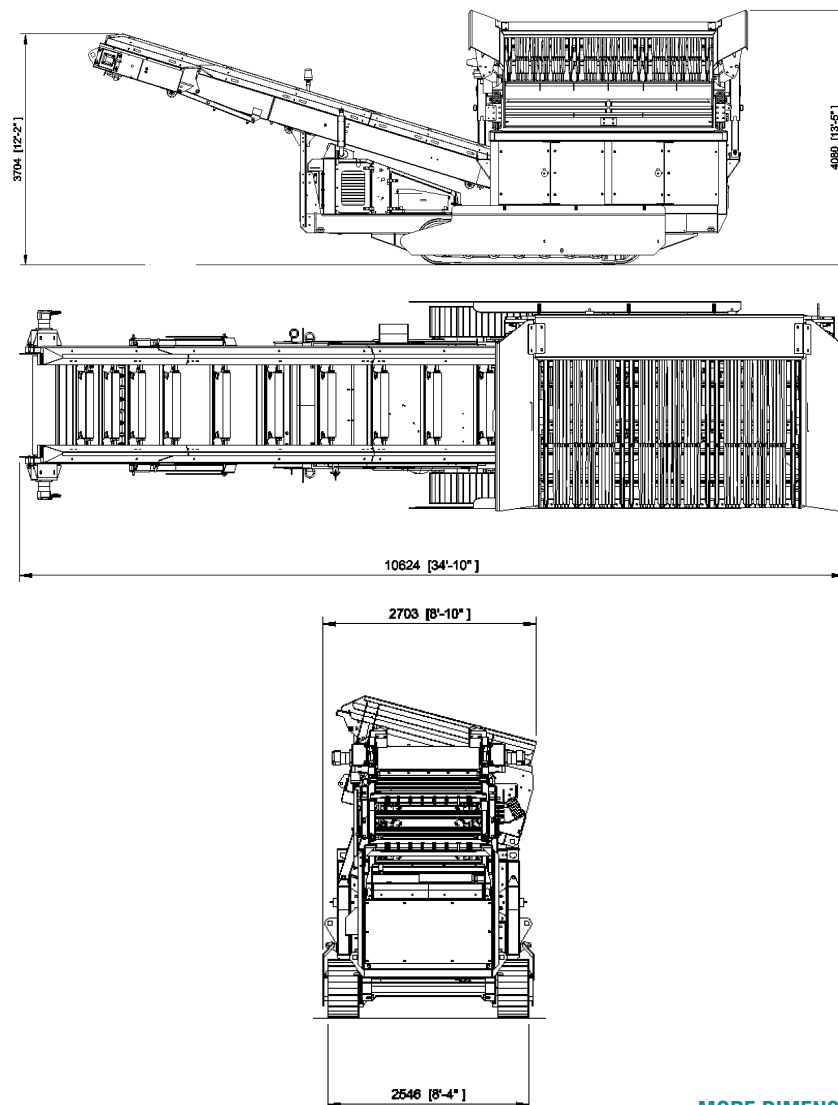


750 POWERTRAK SCREEN



WEIGHT & DIMENSIONS

Figure 1: Powertrak 750
Working Position



MORE DIMENSIONS OVERLEAF

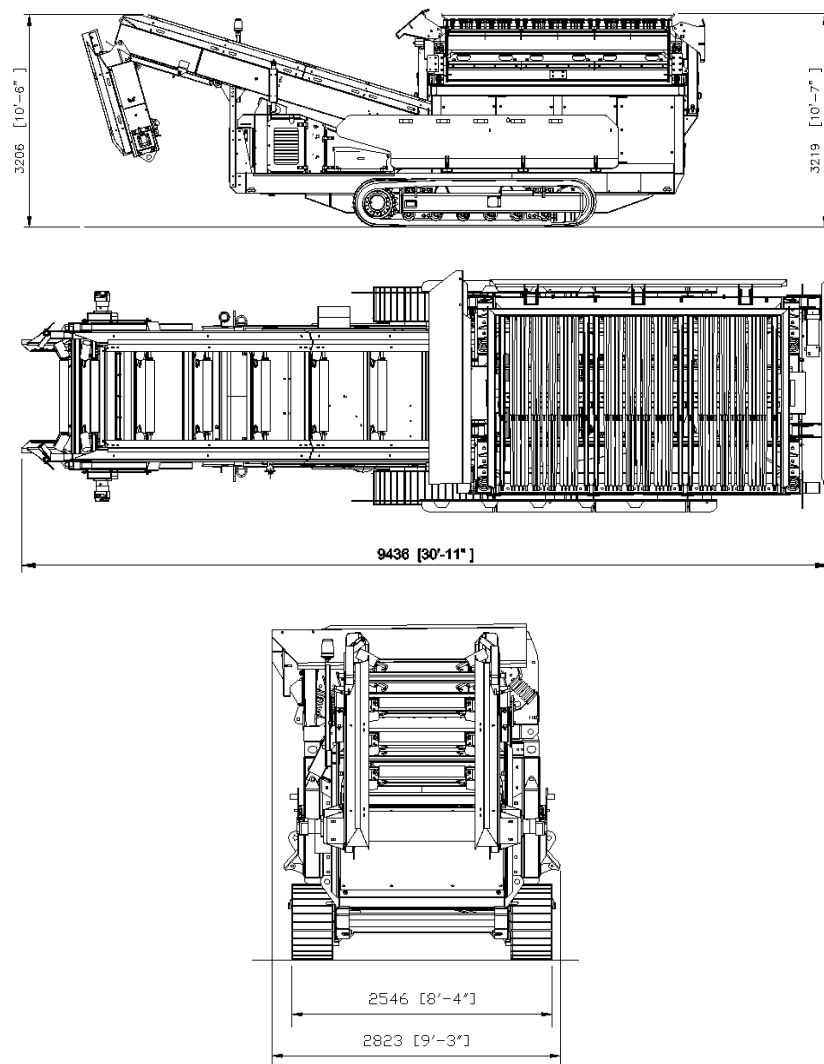


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WEIGHT & DIMENSIONS

Figure 2: Powertrak 750
Transport Position





Powerscreen equipment complies with CE requirements.

Please consult Powerscreen if you have any other specific requirements in respect of guarding, noise or vibration levels, dust emissions, or any other factors relevant to health and safety measures or environmental protection needs. On receipt of specific requests, we will endeavour to ascertain the need for additional equipment and, if appropriate, quote extra to contract prices.

All reasonable steps have been taken to ensure the accuracy of this publication, however due to a policy of continual product development we reserve the right to change specifications without notice.

It is the importers' responsibility to check that all equipment supplied complies with local legislation regulatory requirements.

Plant performance figures given in this brochure are for illustration purposes only and will vary depending upon various factors, including feed material gradings and characteristics. Information relating to capacity or performance contained within this publication is not intended to be, nor will be, legally binding.

GET IN TOUCH

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