



# TITAN

RANGE



# RETURN OF THE TITANS



The Powerscreen® Titan range has been added to the product portfolio to fulfil a requirement for a secondary scalper and provide a cost-effective solution in high volume applications, where the features of the equivalent Warrior model are not required.

Their smaller recommended feed sizes mean that they are not designed for heavy duty face scalping, but they are engineered to excel in a wide range of applications, from aggregates to biomass to construction and demolition waste.

## THE TITAN RANGE INCLUDES:

Titan 600



Titan 1300



Titan 2300



# TITAN 600



The Titan 600 is a versatile 2 Deck Tracked Scalping Screen, in a compact footprint, with the capacity to screen up to 280tph (308 US tph) depending on the application.

The Titan 600 can be rapidly switched between a 2- and 3-way split making it a highly versatile machine suitable for a range of applications.



## APPLICATIONS

### AGGREGATE



Sand & gravel  
Blasted rock  
River rock

### RECYCLING



Top Soil  
C&D waste  
Composed materials  
Wood By-Products  
Overburden  
Foundry Waste

### MINING



Processed ores  
Processed minerals

## TECHNICAL HIGHLIGHTS



- High capacity output up to 280tph (308 US tph) from a compact footprint



- Versatile unit for 3 or 2-way splitting, stockpiling or scalping before or after a crusher



- Heavy duty 2.49m x 1.17m (8' 2" x 3' 10") single shaft incline screenbox with adjustable stroke



- Smart design minimises weight but retains strength and robustness

- Rapid conversion from 3 way split to 2-way split

- Ultra-low fuel consumption with optimised hydraulics

- Fits inside a 40' shipping container to simplify the transport process and can be transported



## TECHNICAL SPECIFICATION

### 1 FEEDER/HOPPER

1000mm wide (40") heavy duty belt feeder  
Hopper Capacity: 3m<sup>3</sup> (3.9 cu. yd)  
Fold down rear door for crusher feeding

### 2 SCREENBOX

Heavy Duty 2.49m x 1.17m (8' 2" x 3' 10") 2 deck screen  
Highly aggressive screen drive  
2 bearing shaft with Direct Drive system

### 3 OVERSIZE TAIL CONVEYOR

1000mm (40") wide  
2.7m (8' 10") stockpile height  
Impact slips along feedboot  
Variable speed control

### 4 FINE SIZE SIDE CONVEYOR

650mm (26") wide  
2.9m (9' 6") stockpile height  
Hydraulically folding

### 5 MIDSIZE SIDE CONVEYOR

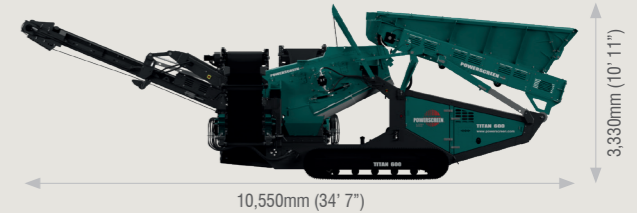
650mm (26") wide  
2.8m (9' 2") stockpile height  
Hydraulically folding

### 6 POWER UNIT

Tier 3: Deutz D2011 L04I 36.4kW (48.8hp) @2300rpm  
Tier 4F: Deutz TD2.9L4 42kW (56.3hp) @1900rpm  
Stage V: Deutz TD2.9 45kW (60hp) @2200rpm  
Fuel Tank: 145L (38 US Gal)

## DIMENSIONS

### WORKING



### TRANSPORT

Length: 10.98m (36')  
Width: 2.25m (7' 5")  
Height: 2.55m (8' 4")

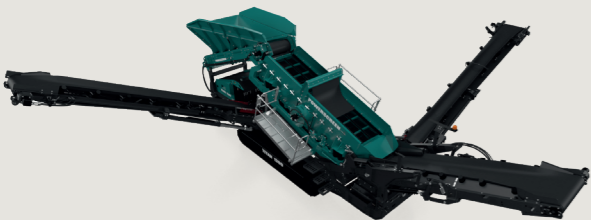
### WEIGHT

Total Weight: 12,000kg (26,455 lbs)

# TITAN 1300



The Titan 1300 is a highly adaptable scalping screen which can operate in both scalping and precision screening applications and will excel in even the most difficult of materials.



## APPLICATIONS

### AGGREGATE



Sand & gravel  
Blasted rock  
River rock

### RECYCLING



Top Soil  
C&D waste  
Composed materials  
Wood By-Products  
Overburden  
Foundry Waste

### MINING

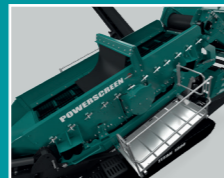


Processed ores  
Processed minerals

## TECHNICAL HIGHLIGHTS



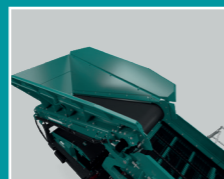
- High capacity output of up to 350tph (386 US tph), from a small footprint



- Highly aggressive double deck 13' 6" x 4' screenbox with variable screening angle and numerous screen media options, majority common with the Warrior 800



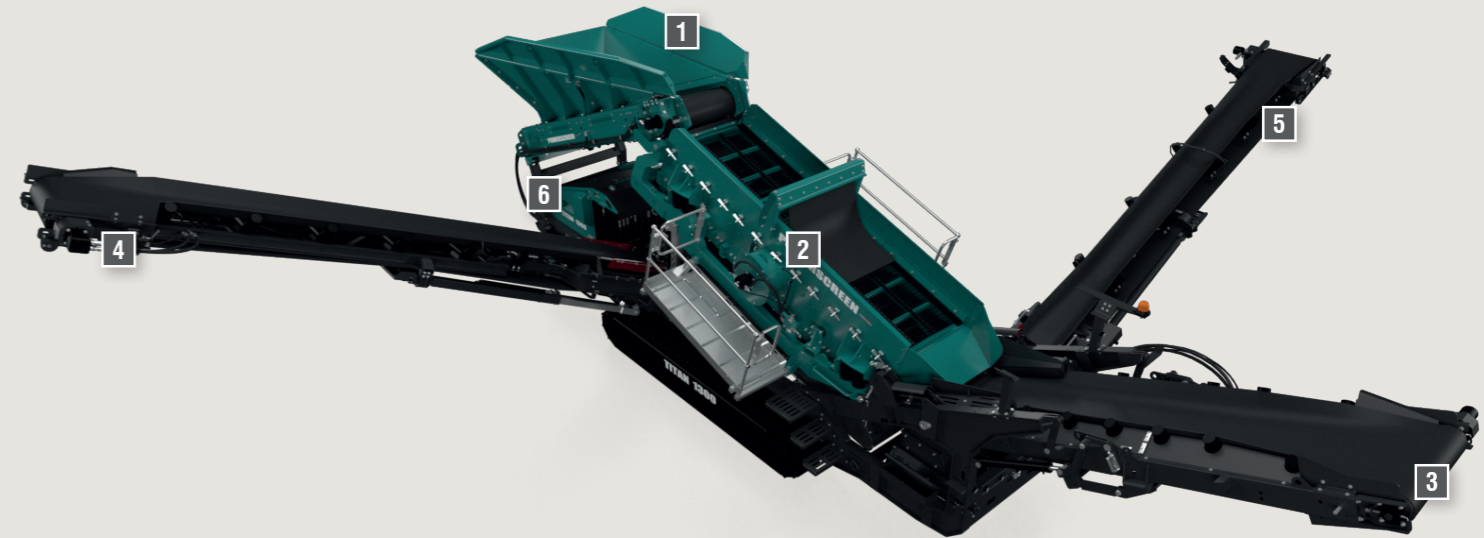
- Suitable for scalping or stockpiling as a 3-way or 2-way split machine



- Jack up screen facility for access to screen media & underscreen conveyor

- Quick set up time- typically under 15 minutes

- Heavy duty inclined hopper & belt feeder featuring impact bars & impact rollers



## TECHNICAL SPECIFICATION

### 1 FEEDER/HOPPER

1100mm (44") wide heavy-duty belt feeder  
Hopper capacity: 5m<sup>3</sup> (6.5 cu. yd)  
Hydraulic folding hopper extensions as standard  
Folding rear hopper door for direct feeding

### 2 SCREENBOX

Heavy duty 2 deck 4.1m (13' 6") x 1.22m (4') screenbox  
2 bearing incline screen with highly aggressive screen drive  
Hydraulic screen angle adjustment  
Excellent classification of materials as a result of longer screen deck

### 3 OVERSIZE TAIL CONVEYOR

1050mm (42") wide  
3m (9' 10") stockpile height  
Impact bed support  
Variable speed control

### 4 FINE SIZE SIDE CONVEYOR

800mm (32") wide  
3.9m (12' 9") stockpile height  
Variable speed control  
Self tensioning feedboot extensions

### 5 MIDSIZE SIDE CONVEYOR

650mm (26") wide  
3.6m (11' 10") stockpile height  
Variable speed control  
Self tensioning feedboot extensions

### 6 POWER UNIT

Tier 3: CAT C4.4 62kW (83hp) @2350rpm  
Tier 4F: CAT C3.4 55Kw (74hp) @2350rpm  
Stage V: CAT C2.2 55kW (74hp) @2350rpm  
Fuel Tank Capacity: 372L (86 US Gal)

## DIMENSIONS

### WORKING



### TRANSPORT

Length: 11m (36' 1")  
Width: 2.5m (8' 2")  
Height: 3.1m (10' 2")

### WEIGHT

Total Weight: 20,750kg (45, 745lbs)

# TITAN 2300



The Titan 2300 is a new secondary scalper designed for a wide range of applications. Capable of a 3-way or 2-way material split, this highly versatile screener can be operated as a standalone unit or as secondary scalper in a large variety of applications

The highly aggressive single shaft screenbox can provide up to 700tph (771 US tph) depending on the application making the Titan 2300 an extremely versatile machine in a lightweight and compact transport envelope



## APPLICATIONS

### AGGREGATE



Sand & gravel  
Blasted rock  
River rock

### RECYCLING



Top Soil  
C&D waste  
Composed materials  
Wood By-Products  
Overburden  
Foundry Waste

### MINING



Processed ores  
Processed minerals

## TECHNICAL HIGHLIGHTS



- High capacity up to 700 tph / 771 US tph (depending on media sizes & material type)



- Titan 2300 boasts the widest feed conveyor (1500mm / 60") in the Powerscreen mobile screener range with a heavy duty twin gearbox drive



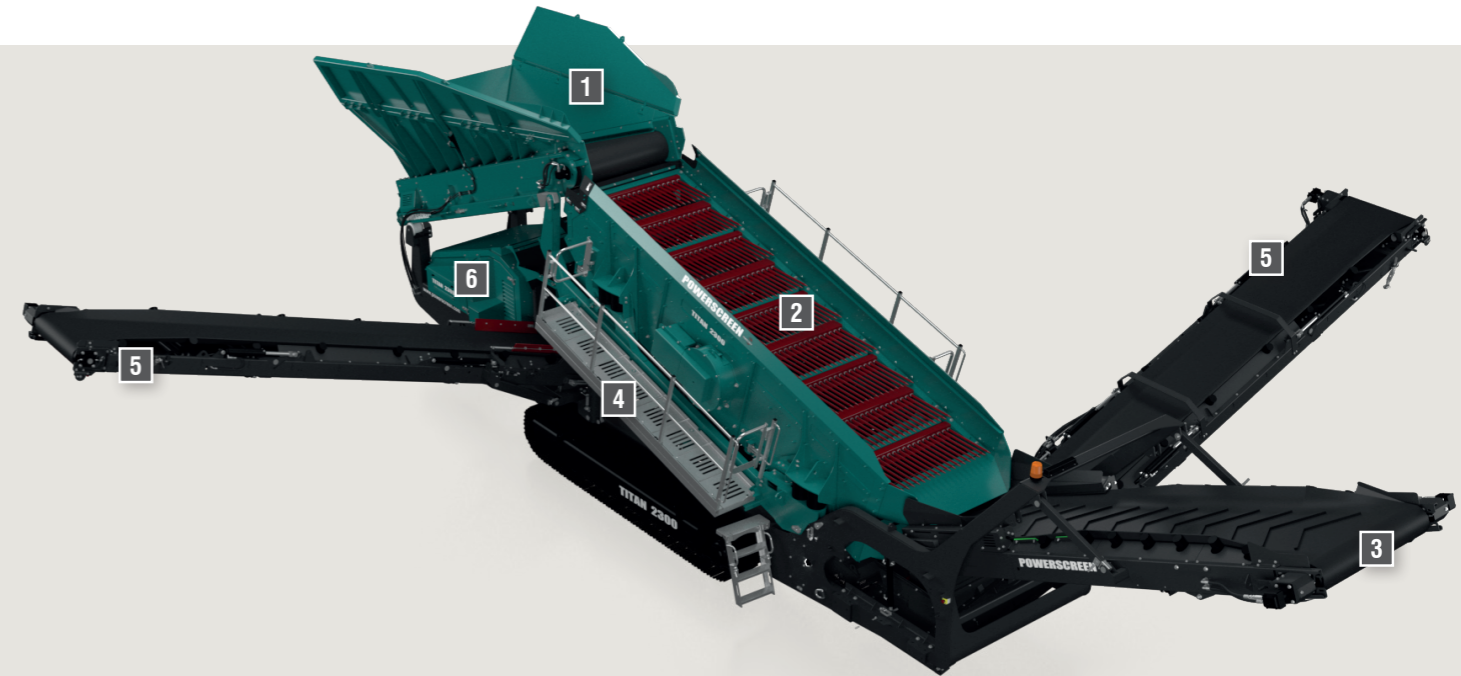
- Highly aggressive 6.1m x 1.83m (20' x 6') screenbox running at up to 5G force



- Excellent stockpiling capacity in a lightweight and compact transport envelope

- Titan 2300 has been designed with generous material transfer zones, optimising it for large volumes of material flow in applications such as biomass

- CAT C4.4 129 kW (173hp) engine across all applications running at 2200rpm which minimises fuel burn with the option for Dual Power available



## TECHNICAL SPECIFICATION

### 1 FEEDER/HOPPER

6.2m<sup>3</sup> (8.1 cu. yd) hopper capacity / 11m<sup>3</sup> (14.4 cu. yd) with extensions  
Optional hydraulic folding hopper extensions  
1500mm (60") belt feeder  
Heavy duty Toughflex belt option available for secondary scalping applications

### 2 SCREENBOX

6.1m (20') x 1.83m (6') 2 deck screen  
Highly aggressive single shaft 2 deck, 2 bearing screen drive  
Adjustable stroke and speed  
Adjustable screen angle between 13° - 17°

### 3 OVERSIZE TAIL CONVEYOR

Width: 1600mm (64")  
3.85m (12' 8") stockpile height  
Adjustable angle and variable speed control

### 4 FINE SIZE SIDE CONVEYOR

Width: 1400mm (56")  
Single tear-drop scraper as standard

### 5 MIDSIZE & FINESIZE SIDE CONVEYOR

Width: 1050mm (42")  
4.1m (13' 5") stockpile height  
Variable speed control  
Hydraulically folding and angle adjustable

### 6 POWER UNIT

Tier 4F/Stage V: CAT C4.4 129kW (173hp)  
@2200rpm  
336L (89 US Gal) fuel tank  
450L (199 US Gal) hydraulic oil tank

## DIMENSIONS

### WORKING



### TRANSPORT

Length: 18.2 m (59' 10")  
Width: 3m (9' 11")  
Height: 3.6m (11' 10")

### WEIGHT

Total Weight: 37,000kg (81,571lbs)



# TITAN

## RANGE

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