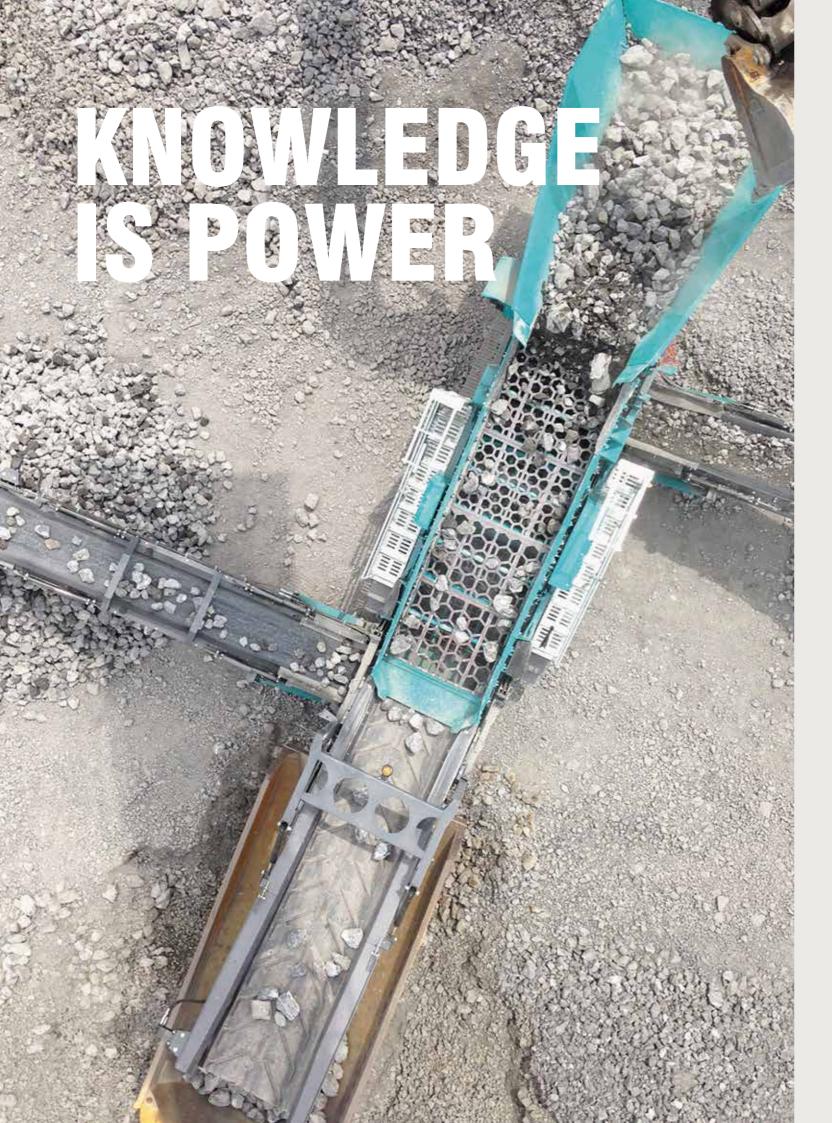
# POWERSCREEN® CRUSHING & SCREENING RANGE





# Welcome to the world of Powerscreen. Proud of our past, excited for our future.

Powerscreen® means different things to different people. For some, it means robust and reliable crushing and screening equipment, designed, built and supported by passionate experts. For others, Powerscreen signifies a vast legacy of experience and knowledge used to develop a safer, more efficient working environment for all.

One of Powerscreen's most important strengths is our Global Dealer Network.

120 companies working tirelessly worldwide to support our customers. From your first machine purchase through to technical support, servicing and provision of spare parts, Powerscreen and our Global Dealer Network are on hand to help.

We are committed to helping you and your business. With industry leading levels of productivity, efficiency, ease of maintenance and inbuilt operational and safety features, our proven range of equipment is designed to maximize our customers return on investment.

We provide and support you with fast access to parts and technical solutions for service issues, and clear, concise, effective customer centered operator and technician training.



# POWERSCREEN CRUSHING RANGE

# **Jaw Crusher Range**

Powerscreen jaw crushers are designed to exceed the primary crushing needs of customers in the mining, quarrying and recycling industries. These machines are amongst the most advanced and reliable in the market and are highly productive in a variety of applications.

#### **MACHINES IN THIS RANGE INCLUDE:**

- Metrotrak
- Premiertrak 330
- Premiertrak 400X / R400X
- Premiertrak 420E
- Premiertrak 600 / 600E
- Premiertrak 760 (Tier 3 regions only)

# **Impactor Crusher Range**

The Powerscreen Impact crusher range is ideal for shaping applications including making chips, sand, concrete manufacture, and glass recycling. The range includes both horizontal and vertical impact crushers.

# **MACHINES IN THIS RANGE INCLUDE:**

- Trakpactor 230
- Trakpactor 230SR
- Trakpactor 260Trakpactor 260SR
- Trakpactor 290
- Trakpactor 290SR
- Trakpactor 320
- Trakpactor 320SR
- Trakpactor 550Trakpactor 550SR
- XV350 (Vertical Shaft Impactor)

# **Cone Crusher Range**

Powerscreen cone crushers use attrition to crush materials for the production of a cubical end product. They are ideally suited to secondary, tertiary or quaternary applications.

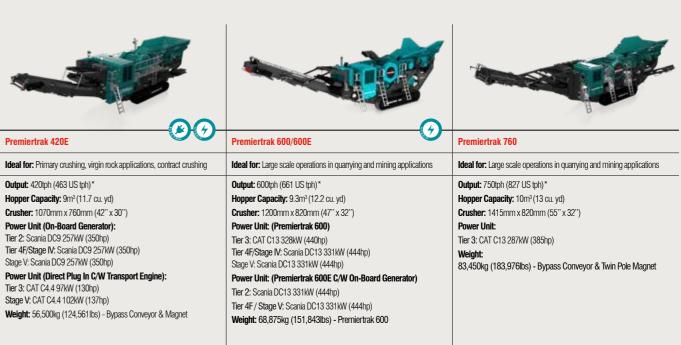
# **MACHINES IN THIS RANGE INCLUDE:**

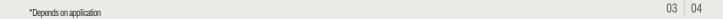
- 1000 Maxtrak
- 1000SR
- 1000E Maxtrak
- 1150 Maxtrak
- 1150 Maxtrak Pre-Screen
- 1300 Maxtrak
- 1400 Maxtrak



**JAW RANGE** 







# **IMPACTOR RANGE**







Ideal for: Recycling, demolition, quarrying and aggregate production
<b>Output:</b> 250tph (275 US tph)*

Hopper Capacity: 2.6m3 (3.4 cu. yd)

**Crusher:** 860mm x 720mm (34" x 28") feed opening

Tier 3: John Deere 6068 194kW (260hp) Tier 4F/Stage IV: Volvo D8 210kW (218hp) Stage V: Volvo D8 210kW (281hp)

Trakpactor 230

24,000kg (52,911lbs) - Tier 4F Standard Unit

# Trakpactor 230SR Ideal for: Recycling, demolition, quarrying and aggregate production

Output: 250tph (275 US tph)\*

Hopper Capacity: 2.6m<sup>3</sup> (3.4 cu. yd) **Crusher:** 860mm x 720mm (34" x 28") feed opening

Power Unit:

Tier 3: John Deere 6068 194kW (260hp) Tier 4F/Stage IV: Volvo D8 210kW (281hp) Stage V: Volvo D8 210kW (281hp)

29,300kg (64,595lbs) - Tier 4F Standard Unit



#### Trakpactor 260

Ideal for: Recycling, demolition, quarrying and aggregate production

Output: 250tph (275 US tph)\* Hopper Capacity: 2.3m3 (3 cu. yd)

Crusher: 860mm x 610mm (34" x 24") feed opening

Power Unit:

Tier 3: CAT C7.1 186kW (250hp) Tier 4F/Stage IV: CAT C7.1 205kW (275hp) Stage V: CAT C7.1 205kW (281hp)

25,750kg (56,769lbs) - Tier 4F Bypass Conveyor & Twin Pole Magnet





#### Trakpactor 260SR

Ideal for: Recycling, demolition, quarrying and aggregate production

Output: 250tph (275 US tph)\* Hopper Capacity: 2.3m³ (3 cu. yd)

Crusher: 860mm x 610mm (34" x 24") feed opening

Power Unit:

Tier 3: CAT C7.1 186kW (250hp) Tier 4F/Stage IV: CAT C7.1 205kW (275hp) Stage V: CAT C7.1 205kW (275hp)

33,950kg (74,847lbs) - Tier 4F Underpan & Twin Pole Magnet

# Trakpactor 290

Ideal for: Recycling, demolition, quarrying and aggregate production

Output: 290tph (320 US tph)\* Hopper Capacity: 3.3m<sup>3</sup> (4.3 cu. yd)

Crusher: 1030mm x 790mm (41" x 31") feed opening

Power Unit:

Tier 3: Volvo D8 235kW (315hp) Tier 4F/Stage IV: Volvo D8 235kW (315hp) Stage V: Volvo D8 235kW (315hp)

28,700kg (63,273lbs) - Tier 4F Standard Unit

# **IMPACTOR RANGE**





Ideal for: Recycling, demolition, quarrying and aggregate production



#### Trakpactor 290SR

Ideal for: Recycling, demolition, quarrying and aggregate production

Output: 290tph (320 US tph)\*

Hopper Capacity: 3.3m<sup>3</sup> (4.3 cu. yd)

**Crusher:** 1030mm x 790mm (41" x 31") feed opening

Power Unit:

Tier 3: Volvo D8 235kW (315hp) Tier 4F/Stage IV: Volvo D8 235kW (315hp)

Stage V: Volvo D8 235kW (315hp)

34,200kg (75,398lbs) - Tier 4F Standard Unit



#### Trakpactor 320SR

Power Unit:

Output: 320tph (353 US tph)\*

Hopper Capacity: 6.25m³ (8.2 cu. yd)

Tier 4F/Stage IV: Scania DC9 257kW (350hp)

Tier 3: CAT C9.3 250kW (335hp)

Stage V: Scania DC9 257kW (350hp)

Ideal for: Recycling, demolition, quarrying and aggregate production

Crusher: 1130mm x 800mm (44.5" x 31.5") feed opening

Output: 320tph (353 US tph)\*

Hopper Capacity: 6.25m³ (8.2 cu. yd)

Crusher: 1130mm x 800mm (44.5" x 31.5") feed opening

Power Unit:

Tier 3: CAT C9.3 250kW (335hp) Tier 4F/Stage IV: Scania DC9 257kW (350hp) Stage V: Scania DC9 257kW (350hp)

Trakpactor 550SR

Power Unit:

Output: 500tph (550 US tph)\*

Hopper Capacity: 7m3 (9.2 cu. yd)

Tier 3: CAT C13 328kW (440hp)

Stage V: Scania DC13 368kW (494hp)

Crusher: 1370mm x 911mm (54" x 36") feed opening

72,000kg (158,733lbs) - Tier 4F, Pre-Screen, Bypass Conveyor,

Tier 4F/Stage IV: Scania DC13 368kW (494hp)

Single Pole Magnet, Hopper Extensions, Underpan

38,160kg (84,128lbs) - Tier 4F, Pre-Screen, Bypass Conveyor, Single Pole Magnet, Hopper Extensions

51,000kg (112,436lbs) - Tier 4F, Pre-Screen, Extended Bypass Conveyor, Single Pole Magnet, Hydraulic Folding Mid Section, 4 High Blow Bars







# Trakpactor 550

Ideal for: Recycling, demolition, quarrying and aggregate production

Output: 500tph (550 US tph)\* Hopper Capacity: 7m3 (9.2 cu. yd)

Crusher: 1370mm x 911mm (54" x 36") feed opening

Power Unit:

Tier 3: CAT C13 328kW (440hp) Tier 4F/Stage IV: Scania DC13 368kW (494hp) Stage V: Scania DC13 368kW (494hp)

57,450kg (126,656lbs) - Tier 4F, Pre-Screen, Bypass Conveyor, Single Pole Magnet, Hopper Extensions

# XV350 Ideal for: Recycling, demolition, quarrying and aggregate production

Ideal for: Producing high specification products, road building, concrete manufacturing, manufacturing of sand and glass recycling

Output: 350tph (386 US tph)\* Hopper Capacity: 7m3 (9.2 cu. yd)

Crusher: Terex® 2050 GD Vertical Shaft Impactor (VSI)

Power Unit:

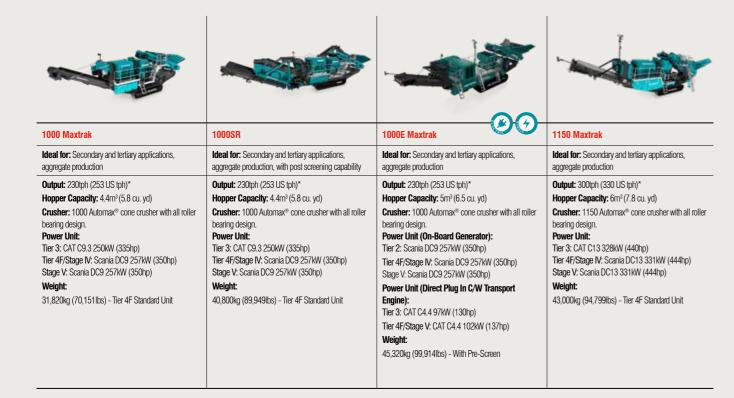
Tier 3: CAT C13 ACERT 328kW (440hp)

Tier 4F/Stage IV: Scania DC13 331kW (450hp) Stage V: Scania DC13 331kW (450hp)

36,900kg (81,350lbs) - Standard Unit

05 06 \*Depends on application

# **CONE RANGE**





# POWERSCREEN SCREENING RANGE

# **Chieftain Screen Range**

The Powerscreen® Chieftain range of mobile incline screens are designed for the processing of aggregates and sand. All Chieftain machines are designed to be easily transported, set-up, operated and maintained.

# MACHINES IN THIS RANGE INCLUDE:

- Chieftain 1400
- Chieftain 1500
- Chieftain 1700X (2 & 3 deck)
- Chieftain 2100X/XE (2 & 3 deck)
- Chieftain 2200 (2 & 3 deck)



# **Warrior Screen Range**

The Powerscreen® Warrior range are high capacity, heavy duty, versatile machines capable of screening and separating a wide variety of material in the most difficult and demanding of applications including recycling, aggregates, compost, topsoil, coal, construction and demolition waste and iron ore.

# MACHINES IN THIS RANGE INCLUDE:

- Warrior 800
- Warrior 2100
- Warrior 1200Warrior 1400X/1400XE
- Warrior 2100 SpaleckWarrior 2100 Single Shaft
- Warrior 1800
- Warrior 2400

# **Titan Screen Range**

The Powerscreen Titan range fulfills the need for a secondary scalper range and provides a cost effective solution in high volume applications where all of the features of the equivalent Warrior model may not be required. Effective in aggregates, biomass, C&D waste & recycling.

# **MACHINES IN THIS RANGE INCLUDE:**

- Titan 600
- Titan 1300
- Titan 2300

# **Horizontal Screening Range**

The Powerscreen additional screen range includes models H6203, H6203R and Powertrak 750. The H6203 and H6203R machines are ideal for handling high volumes of sticky materials and are ideally suited to applications such as natural and crushed aggregate whislt the Powertrak 750 is a self-contained high capacity mobile scalping unit.

#### MACHINES IN THIS RANGE INCLUDE:

- H6203
- H6203R
- Powertrak 750



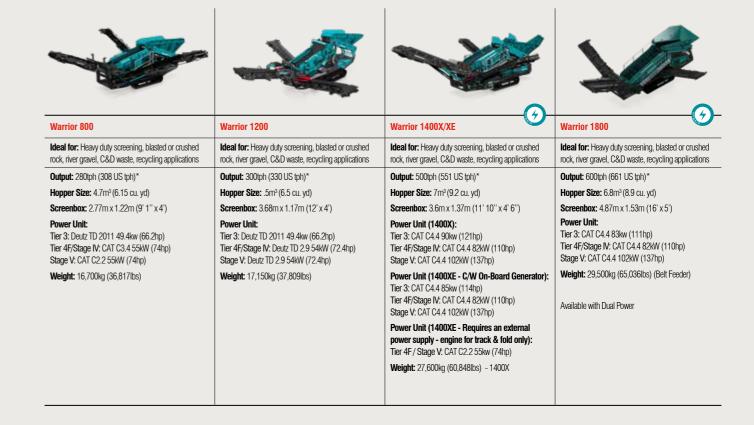
\*Depends on application

# **CHIEFTAIN SCREEN RANGE**

#### Chieftain 1500 (3 deck) Chieftain 1700X (2 & 3 deck) Chieftain 1400 (2 deck) Ideal for: Fine screening, crushed rock, sand and gravel, Ideal for: Fine screening, crushed rock, sand and gravel, Ideal for: Fine screening, crushed rock, sand and gravel, recycling applications recycling applications recycling applications Output: 400tph (441 US tph)\* Output: 400tph (441 US tph)\* Output: 500tph (551 US tph)\* Hopper Size: 5.35m3 (7.1 cu. yd) Hopper Size: 6.64m3 (8.68 cu. yd) Hopper Size: 5.35m3 (7.1 cu. yd) **Screenbox:** 3.66m x 1.52m (12' x 5') **Screenbox:** 4.8m x 1.5m (16' x 5') **Screenbox:** 3.3m x 1.5m (11' x 5') Power Unit: Power Unit: Power Unit: Tier 3: CAT C4.4 83kw (111hp) Tier 3: CAT C4.4 77kw (103hp) Tier 3: CAT C4.4 77kw (103hp) Tier 4F/Stage IV: CAT 4.C4 82kW (110hp) Tier 4F/Stage IV: CAT C4.4 82kW (110hp) Tier 4F/Stage IV: CAT C4.4 82kW (110hp) Stage V: CAT C4.4 102kW (137hp) Stage V: CAT C4.4 98kW (131hp) Stage V: CAT C4.4 102kW (137hp) Weight: 24,970kg (55,049lbs) Weight: 28,000kg (61,729lbs) Weight: 30.516kg (67.276lbs) Available with Dual Power (Data above is for a 3 Deck unit - 2 Deck unit may be different) Available with Dual Power



# **WARRIOR SCREEN**





\*Depends on application

# **TITAN RANGE**

Titan 600

Power Unit:

Also efficient in screening aggregates.

**Screenbox:** 2.49m x 1.17m (8' 2" x 3' 10")

Tier 4F/Stage IV: Deutz TD 2.9 42kW (56.3hp) Stage V: Deutz TD 2.9 45kW (60hp)

Tier 3: Deutz TD 2011 36.4kw (48.8hp)

Output: 280tph (308 US tph)\*

Hopper Size: 3m3 (3.9 cu. yd)

Weight: 12,780kg (28,175lbs)

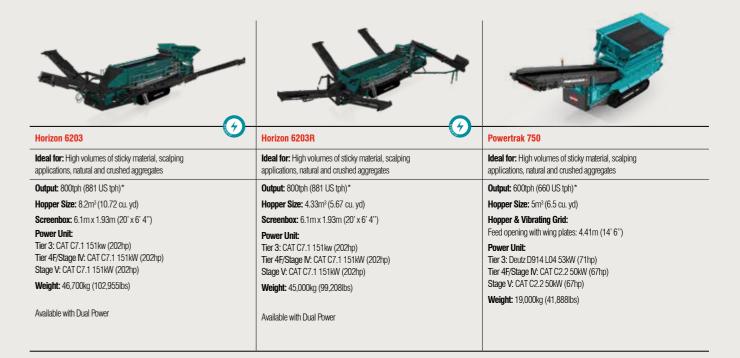
**Ideal for:** Secondary screening & recycling / biomass applications.

# Titan 2300 Ideal for: Secondary screening & recycling / biomass applications Output: 350tph (386 US tph)\* Hopper Size: 5m³ (6.5 cu. yd) Screenbox: 4.1m x 1.22m (13' 6" x 4') Power Unit: Tier 3: CAT C4.4 62kw (83hp) Tier 4F/Stage IV: CAT 3.4 55kW (74hp) Stage V: CAT C2.2 55kW (74hp) Titan 2300 Ideal for: Secondary screening & recycling / biomass applications Output: 700tph (771 US tph)\* Hopper Size: 6.2m³ (8.1 cu. yd) Screenbox: 6.1m x 1.83m (20' x 6') Power Unit: Tier 4F/Stage IV: CAT 4.4 129kW (173hp) Stage V: CAT 4.4 129kW (173hp) Weight: 37,000kg (81,571lbs)

Available with Dual Power

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

# **HORIZONTAL SCREENING RANGE**



<sup>\*</sup>Depends on application



# **POWERSCREEN TROMMEL RANGE**

# **Phoenix Range**

Powerscreen trommel screens are extremely efficient in separating soil, compost, waste, aggregates, C&D, woodchip and many other materials. The rotating drum creates a tumbling action which is optimal for the separation of difficult materials. Easy drum changes, radial stacking conveyors and durable components ensure these trommels are a versatile & reliable solution.

# **MACHINES IN THIS RANGE INCLUDE:**

- Phoenix 1600 Wheeled
- Phoenix 1600 Tracked
- Phoenix 2100
- Phoenix 3300





# **PHOENIX RANGE**

Tier 3: CAT C4.4 97kw (130hp) Tier 4F/Stage IV: CAT 4.4 82kW (110hp) Stage V: CAT C4.4 102kW (137hp)

Weight: 18,000kg (39,700lbs)





Tier 3: CAT C4.4 97kw (130hp)
Tier 4F/Stage IV: CAT 4.4 82kW (110hp)

Stage V: CAT C4.4 102kW (137hp)

Weight: 21,100kg (46,500lbs)

# **POWERSCREEN® PULSE**



# **NOTES**



# RECORD, DISPLAY AND ANALYSE DATA: HIGH EFFICIENCY THROUGH PRECISE INFORMATION

- Available online anywhere and at any time: comprehensive information on the GPS location, start and stop times, fuel consumption, tonnages, cone settings, wear ratings, operating hours, maintenance status, and much more.
- User-friendly interface: displays information clearly for at a glance metrics and diagnostics. Take action before damage occurs: predetermined maintenance intervals are signaled and error messages are displayed in plain text messages.



# AVAILABLE ANYWHERE AND AT ANY TIME

- PC
- Tablet
- Smartphone
- Customised notifications

# **DASHBOARD DISPLAY**

- Color display of the engine speed, coolant temperature and hydraulic oil temperature as a circular instrument
- Immediate notification of critical statuses

### **MACHINE OVERVIEW**

- The status of each machine at a glance (on / off / idle, error message etc.)
- Faults are immediately located and relayed
- Accurate and up-to-date output production tonnages

# **UTILISATION REPORT**

- Display of load, idle, and total service life (daily, weekly, or monthly)
- Export available in common formats for data compiling
- Useful for application and fleet planning

# **GPS: MACHINE TRACKING**

- Get precise location information and precise application planning
- Geofencing: limiting the range of movement
- Timefencing: limiting operational timings

# **MACHINE DATA**

- Detailed display of the current operating data of the machines
- You can take action immediately for adverse operating statuses
- Support for service engineers

### **FUEL CONSUMPTION REPORT**

- Generates accurate fuel cost per tonne information
- Under load, idle, and total service life of the machines (daily, weekly, or monthly)
- Support for economic efficiency analysis and for determining saving potential

# CONE CRUSHER SPECIFIC REPORTING

- Displays Closed Side Settings (CSS)
- Displays wear rates
- Displays number of tramps

www.powerscreen.com/pulse



# POWERSCREEN CONTACT DETAILS

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