POWERSCREEN® CRUSHING & SCREENING RANGE



POWERSCREEN®
A TEREX BRAND



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.



Find your local Powerscreen dealer at
www.powerscreen.com

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METROTRAK

The Powerscreen® Metrotrak is a compact, high performing mobile jaw crushing plant featuring an impressive 900mm x 600mm (35” x 23”) single toggle jaw crusher. With an aggressive crushing action and a high output even at tight settings, the Metrotrak is ideally suited for operators on the mining, quarrying and recycling industries, especially those working in urban locations or where space is restricted.

The new Metrotrak builds on the legacy of the Powerscreen Metrotrak HA by improving access for chamber wedge removal, fully tunnelled product conveyor, new design bypass chute with improved internal clearances and access. Customer favourite options include a fully lowering product conveyor to aid maintenance and a hydraulically adjusted deflector plate minimising possible belt damage caused by rebar.

Features & Benefits

- Superior tunnelling reduces the risk of rebar snagging giving excellent machine uptime
- Enhanced material flow via new design bypass chute and product conveyor
- Centralised, low-level hydraulics and electrics
- **NEW** jaw unblock option combines the benefits of hydrostatic drive with the fuel efficiency of direct drive
- Ideal for C&D waste / recycling applications with hydraulic deflector plate and hydraulically raise / lower product conveyor options
- Jaw level sensor option promotes material flow by optimising feeder speeds, increasing daily productivity
- Powerscreen Pulse intelligent monitoring as standard

Options

- Bypass conveyor
- Single pole/twin pole magnet
- Radio remote control
- Belt weigher
- Hydraulically driven water pump
- Electric refueling pump
- Wire mesh for underscreen
- Super tooth or multi tooth jaw plates
- Chamber unblock feature
- Hydraulic deflector plate
- Product conveyor hydraulic raise / lower
- Hydraulically folding product conveyor

Applications

- Sand & gravel
- Blasted rock
- River rock
- C&D waste
- Overburden
- Foundry waste
- Processed ores
- Processed minerals

Product Conveyor
Width: 800mm (32”)
Discharge height: 2.9m (9’6”)

Crusher
High capacity single toggle jaw
Chamber size: 900mm x 600mm (35” x 23”)
Min CSS: 40mm (1.5”)*
Max CSS: 100mm (4”)*

Feeder
Vibrating pan feeder
Length: 3.8m (12’5”)
Width: 800mm (2’7”)

Hopper
Wear resistant feed hopper
Length: 4m (13’1”)
Width: 1.8m (5’9”)
Capacity: 3.6m³ (4.7yds³)



Bypass Conveyor (option)
Width: 600mm (23.6”)
Discharge height: 2m (6’7”)

Tracks
Width: 400mm (15.7”)

Power Unit
Tier 3/Stage 3A: CAT C7.1 140kW (187hp)
Fuel tank capacity: 400 L (106 US GAL)

METROTRAK

Weight (Est) (Tier 3) (VGF, bypass conveyor & magnet)	27,920kg (61,553lbs)
Weight (Est) (Tier 4F) (VGF, bypass conveyor & magnet)	28,000kg (61,729lbs)
Transport width	2.4m (7’ 10”)
Transport length	12.4m (40’ 8”)
Transport height	3.2m (10’ 6”)
Working width	3.8m (12’ 6”)
Working length	12.4m (40’ 8”)
Working height	3.2m (10’ 6”)



*Depends on application

Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3/Stage 3A:, Tier 4i/Stage 3B:, Tier 4F / Stage 4).

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PREMIERTRAK 400X

The Powerscreen® Premiertrak 400X range of high performance primary jaw crushing plants are designed for medium scale operators in quarrying, demolition, recycling and mining applications. The range includes the Premiertrak 400X with hydraulic adjust and the Premiertrak R400X with hydraulic release. User benefits include track mobility for a quick set-up time (typically under 30 minutes,) hydraulic crusher setting adjustment for total control of product size and crusher overload protection to prevent damage by uncrushable objects.

Features & Benefits

- High output and excellent reduction capability
- Wear resistant hyraulic folding feed hopper with hydraulic wedge fixing system
- Excellent under crusher access for removal of wire with hydraulic raise lower product conveyor
- Stepped self-cleaning grizzly feeder with under feeder screen option
- Deep fines chute to reduce material blockages
- Improved bypass chute to increase material flow
- Aggressive crushing action with high swing jaw encouraging material entry into crushing chamber
- Hydraulic crusher setting adjustment
- Improved manganese liner retention, protects jaw supports on both swing & fixed jaws
- Economical to operate with low fuel consumption due to highly efficient direct drive system
- Angle adjustable product conveyor
- Easy access power unit canopy
- PLC control system with auto start facility
- Remote control via umbilical
- Dust suppression system
- Easily set up
- Fitted with Powerscreen Pulse Telematics system
- 650mm wide bypass conveyor
- Fully inclined catwalks

Options

- Patented hydraulic deflector plate under crusher
- Bypass conveyor /extended bypass conveyor
- Single pole/twin pole magnet
- Radio remote control
- Belt weigher
- Electric refueling pump
- Hydraulically driven water pump
- Wire mesh for underscreen
- Super tooth or multi tooth jaw plates
- Extended hopper
- Postscreen available (will add est 6 tonnes to a machine weight)
- Unblock motor
- Extended main conveyor
- Over crusher level sensor
- Patented hydraulic crusher overload system, ideal for applications with un-crushable material in feed, 200mm³.
- Pre-screen available

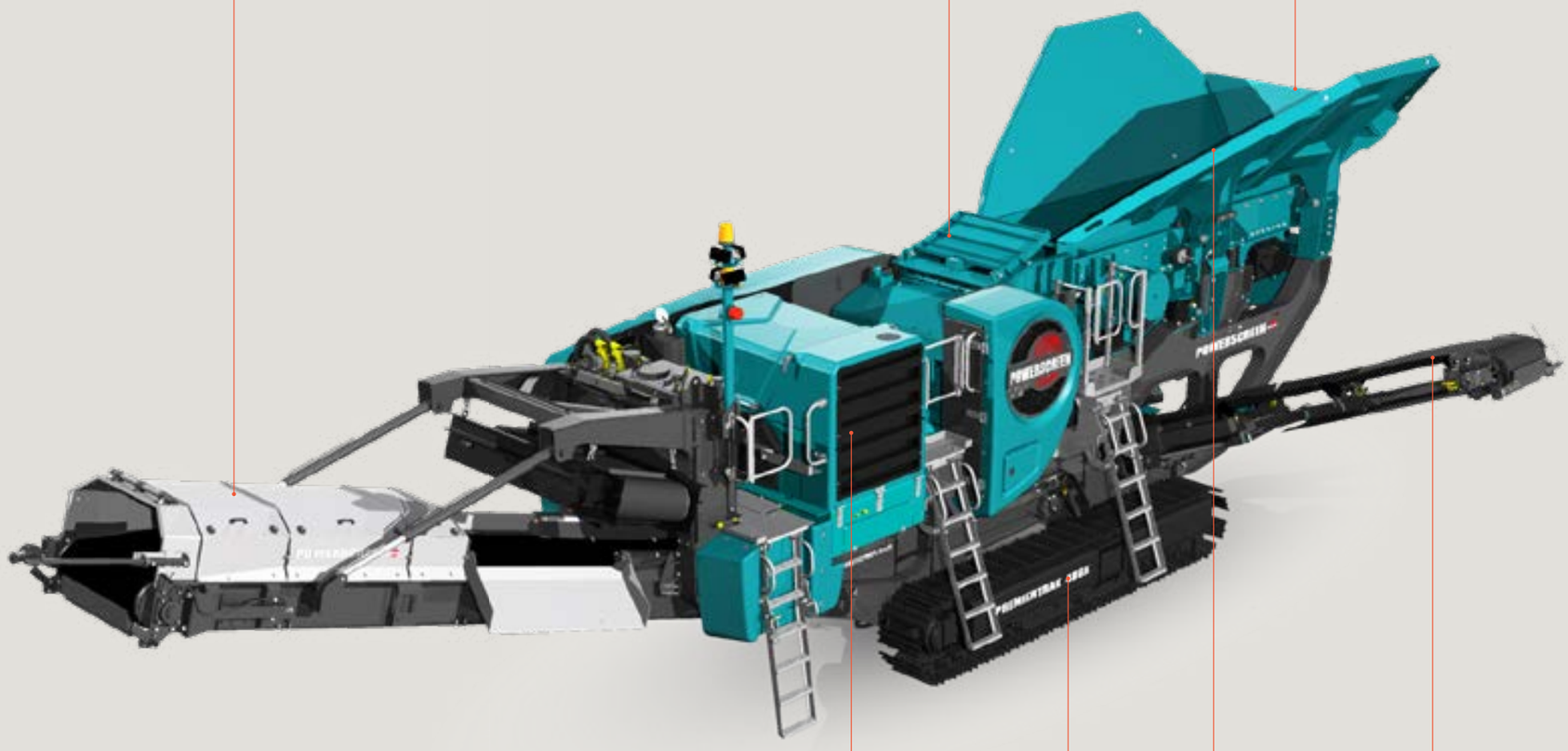
Applications

- Sand & gravel
- Blasted rock
- River rock
- C & D waste
- Overburden
- Foundry waste
- Processed ores
- Processed minerals

Product Conveyor
Width: 1000mm (39")
Discharge height: 3.5m (11'5")

Crusher
High capacity single toggle jaw
Chamber size: 1100mm x 700mm (44"x 28")
Min CSS: 50mm (2")*
Max CSS: 150mm (6")*

Hopper
Wear resistant feed hopper
Length: 4.9m (16' 1")
Width: 2.49m (8'2")
Capacity: 10m³ (13yds³)



Power Unit
Tier 3/Stage 3A:
CAT C9.23 ACERT 230kW (308hp)
Fuel tank capacity: 450 L (119 US Gal)
Constant speed option

Tracks
Width: 500mm (19.7")

Feeder
Vibrating pan and grizzly feeder
Feeder length: 4.20m (13'9")
Feeder width: 1.06m (3' 6")
Grizzly length: 2.12m (7')

Bypass Conveyor (option)
Width: 650mm (25.6")
Discharge height: 2.2m (7'2")

PREMIERTRAK	400X/R400X
Weight (Est) (Tier 3) Weight (Est) (Tier 4F)	46,300kg (102,274lbs) 46,500kg (102,514lbs)
Transport width	2.8m (9'2")
Transport length	15.02m (49'3")
Transport height	3.4m (11'2")
Working width with Bypass conveyor	4.33m (14'2")
Working length	14.66m (48'1")
Working height	4.13m (13'6")



*Depends on application

Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3/Stage 3A:, Tier 4F / Stage 4, Constant speed).

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PREMIERTRAK 410E

The Powerscreen® Premiertrak 410E hybrid jaw crusher offers operators the flexibility to power the plant via either mains electricity or the on-board genset power-pack. Either option presents the operator with significant power, servicing and maintenance cost savings when compared to a diesel / hydraulic solution.The plant incorporates the robust Terex® JW42 high performance, electrically driven single toggle jaw chamber and a heavy duty VGF feeder to provide optimal throughput in quarrying, mining, demolition and recycling applications.

Features & Benefits

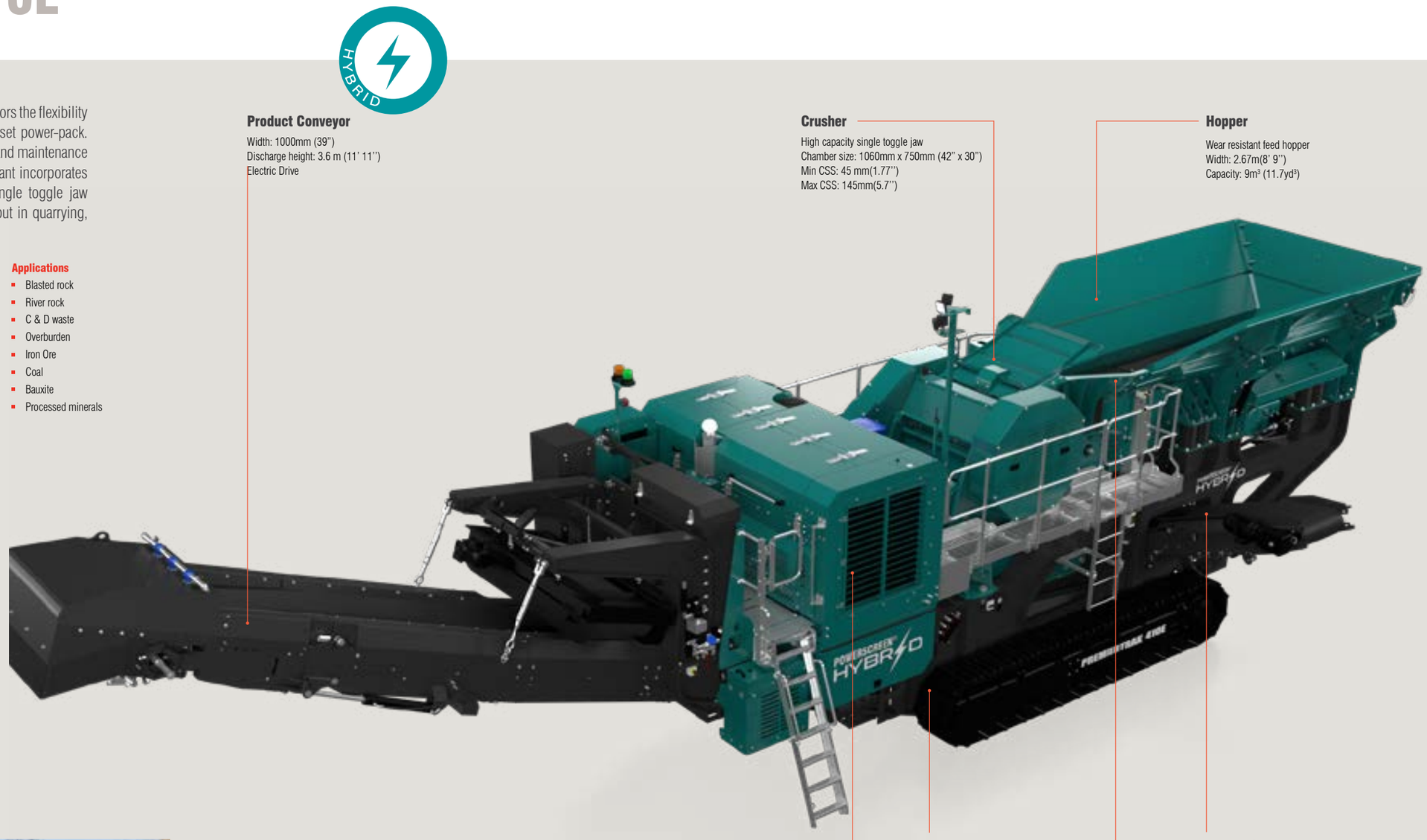
- Output potential of up to 420tph - depending on material type and crusher settings
- The electrically driven power systems provide significant cost savings.
- Many Safety system to protect Machine and Manpower
- Superior performance in dusty applications and in high altitude environments.
- High powered electric drive ensures precise chamber control
- Power take out to run the downstream Screen/ Conveyor
- Minimal use of Hydraulic system - Tracking and Cylinder operation
- Variable Speed drive system for Grizzly Feeder
- Excellent under crusher access for removal of wire with hydraulic raise lower product conveyor
- Dirt Conveyor to remove fines from the feed material
- Gate mechanism below VGF to divert fines material to main product conveyor
- Fully Hydraulic crusher setting adjustment
- Economical to operate with low fuel consumption due to highly efficient Electrical drive system
- PLC control system with auto start facility
- Remote control via umbilical
- Dust suppression system
- Easily set up
- Fully inclined catwalks

Options

- Patented hydraulic deflector plate under crusher
- Single pole/twin pole magnet
- Radio remote control
- Belt weigher
- Electrically driven water pump
- Super tooth or multi tooth jaw plates
- Extended hopper
- Pre-screen available

Applications

- Blasted rock
- River rock
- C & D waste
- Overburden
- Iron Ore
- Coal
- Bauxite
- Processed minerals



PREMIERTRAK	400X/R400X
Weight (Est) (Tier 3)	55,500kg (122,356 lbs) (With by-pass conveyor and magnet options)
Transport width	2.9 m (9'6")
Transport length	14.5m (47' 8")
Transport height	3.5m (11' 6")
Working width with Bypass conveyor	6.2m (20' 4")
Working length	15.7m (51'8")
Working height	3.95m (12' 1")



*Depends on application

POWERSCREEN® A TEREX BRAND

1010E MAXTRAK

The high performance Powerscreen® 1010E Maxtrak cone crusher offers operators the flexibility to power the plant either by mains electricity or on-board genset power-pack. Either power option presents the operator with significant power saving along with service and maintenance cost savings. This energy efficient and productive machine incorporates the proven 1000 Automax Cone Crusher with direct electric drive, automatic tramp relief and hydraulic closed side setting (CSS) adjustment.

The Powerscreen® 1010E Maxtrak cone crusher can be fitted with an optional patented pre-screen module which allows fines material to bypass prior to being fed into the cone, ensuring reduced wear on the liners. The large feeder has an automated metal detection and purge system to protect the cone against uncrushable material, preventing downtime by removing metal contaminants via the purge system.

Features & Benefits

- Output potential of up to 230tph depending on feed material & crusher settings
- Renowned Automax® crusher technology
- Hybrid driven power system provides cost savings and ensures efficiency
- Auxillary Power Socket for Welding Purpose
- Minimal Hydraulic use- Tracking and Cylinder Operation
- Superior performance in dusty applications
- Cone overload protection
- Accepts an 'all in feed'
- Excellent product shape
- High reduction ratio
- Cone feed box level control to maintain choke feeding
- Hydraulic crusher setting
- Cone overload protection
- Heavy duty chassis & track frame
- Metal detector and purge system
- Dust suppression system
- Heavy duty fabricated chassis & Pulse Telematics system

Options

- Concaves: extra coarse, medium coarse, coarse, Autosand®
- Short throw eccentric
- Feed hopper extension plates
- Product conveyor belt weigher
- Electric water pump
- Radio remote control
- Pre-Screen Module

Applications

- Blasted rock
- River rock
- C & D waste
- Iron Ore
- Bauxite
- Processed minerals

Product Conveyor

Width: 900 mm (36'')
Discharge height: 900 mm (36'')
Electric Drive

Crusher

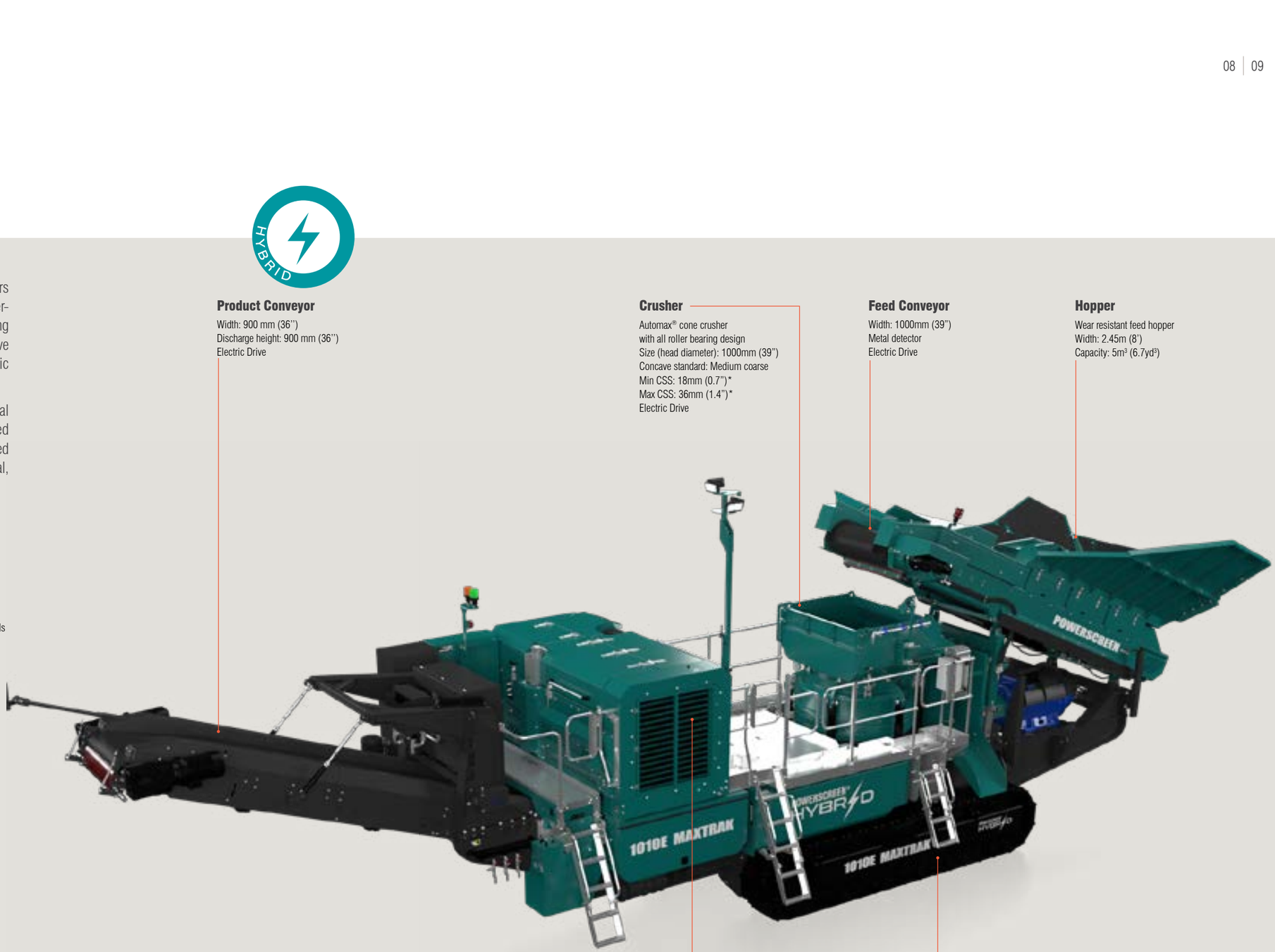
Automax® cone crusher
with all roller bearing design
Size (head diameter): 1000mm (39'')
Concave standard: Medium coarse
Min CSS: 18mm (0.7'')*
Max CSS: 36mm (1.4'')*
Electric Drive

Feed Conveyor

Width: 1000mm (39'')
Metal detector
Electric Drive

Hopper

Wear resistant feed hopper
Width: 2.45m (8')
Capacity: 5m³ (6.7yd³)



Power Unit

Engine:- Tier 3 Volvo TAD1351GE 274kW
Alternator – 320kVA Leroy-Somer

Tracks

Width: 500 mm (19.7'')

1000 MAXTRAK

Weight (Est)	45,320kg (99,914 lbs) with optional prescreen
Transport width	3m (9'10'')
Transport length	16.9 m (55'5'')
Transport height	3.5m (11'6'')
Working width	3.77m (12'4'')
Working length	15.79m (51' 10'')
Working height	4.75m (15'7'')



*Depends on application

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1000 MAXTRAK

The high performance Powerscreen® 1000 Maxtrak is a small to medium sized cone crusher which has been designed for direct feed applications without pre-screening on clean rock. At its heart is the Automax® cone crusher which provides excellent reduction and product cubicity for the production of high quality aggregate and sub-base material. Hydraulic release capabilities are designed so that any uncrushable material entering the chamber is safely discharged.

Features & Benefits

- Renowned Automax® crusher technology
- Accepts clean all in feed
- Excellent product shape
- High reduction ratio
- Cone feed box level control to maintain choke feeding
- Hydraulic crusher setting
- Cone overload protection
- Heavy duty chassis and track frame
- Metal detector
- Dust suppression system
- Economical to operate with a highly fuel efficient direct drive system
- Fitted with Powerscreen Pulse Telematics system

Options

- Concaves: extra coarse, medium coarse, coarse, Autosand®
- Short throw eccentric
- Feed hopper extension plates
- Product conveyor belt weigher
- Electric refueling pump
- Hydraulic water pump
- Radio remote control
- Urea refueling pump

Applications

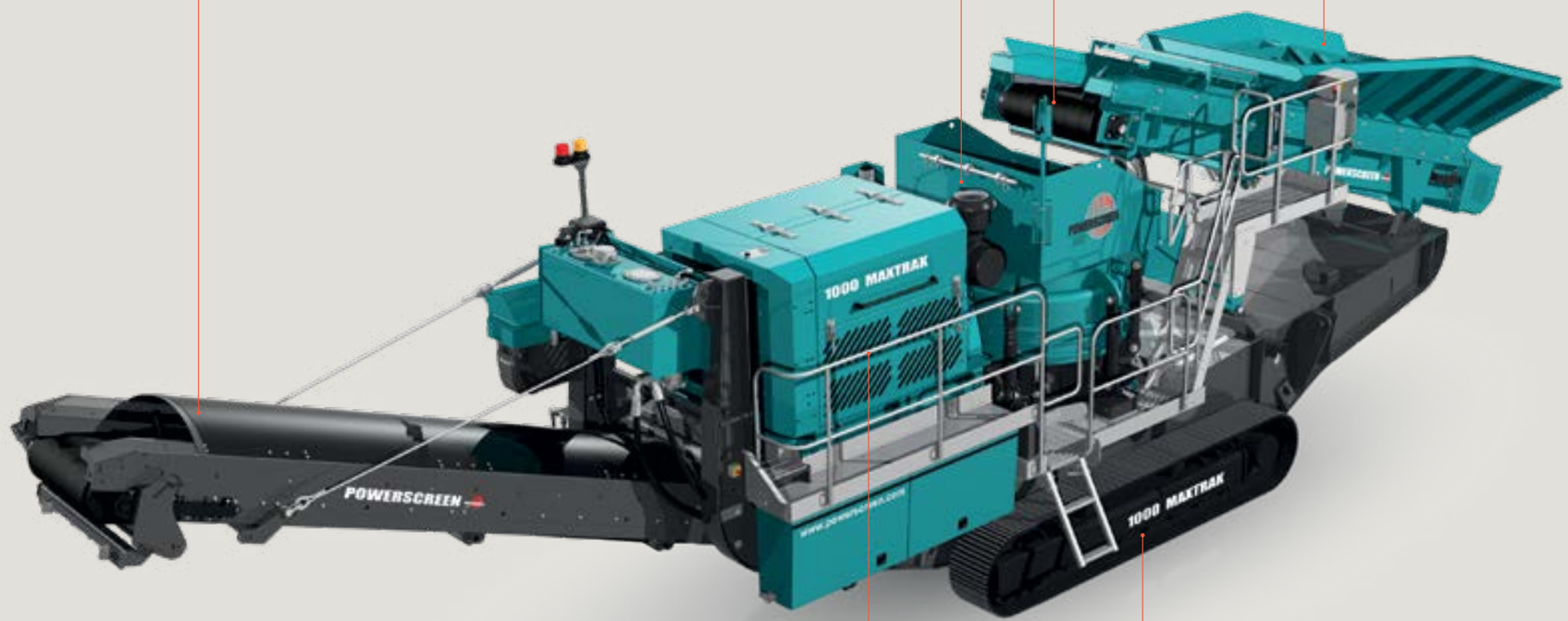
- Sand & gravel
- Blasted rock
- River rock
- C & D waste
- Foundry waste
- Processed ores
- Processed minerals

Product Conveyor
Width: 800mm (32")
Discharge height: 3.25m (10'8")

Crusher
Automax® cone crusher
with all roller bearing design
Size (head diameter): 1000mm (39")
Concave standard: Medium coarse
Min CSS: 18mm (0.7")*
Max CSS: 36mm (1.4")*

Feed Conveyor
Width: 1000mm (39")
Over and under belt metal detector

Hopper
Wear resistant feed hopper
Length: 3.38m (11')
Width: 2.5m (8'2")
Capacity: 4.4m³ (5.8yds³)



Power Unit
Tier 3/Stage 3A:
CAT C9.3 ACERT 250kW (335hp)
Fuel tank capacity: 552 L (137 US Gal)

Tracks
Width: 400mm (15.7")

1000 MAXTRAK

Weight (Est)	30,440kg (67,108lbs)
Transport width	2.8m (9'2")
Transport length	14.6m (47'11")
Transport height	3.46m (11'4")
Working width	2.8m (9'2")
Working length	14.6m (47'11")
Working height	4.1m (13'5")



*Depends on application

Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3/Stage 3A:, Tier 4i/Stage 3B:, Tier 4F / Stage 4).

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1000SR

The Powerscreen® 1000SR is built around the successful 1000 Maxtrak model and features a re-circulating conveyor and a double-deck post-screen to provide a complete crushing and screening process on a single chassis. The machine is designed for direct feed applications without pre-screening on clean rock. At its heart is the Automax® cone crusher which provides excellent reduction and product cubicity for the production of high quality aggregate and sub-base material. Hydraulic release capabilities are designed so that any uncrushable material entering the chamber is safely discharged. Suitable for secondary and tertiary applications, the 1000SR can produce up to three products when oversized material doesn't require re-circulation to the crusher.

Features & Benefits

- Renowned Automax® crusher technology
- Accepts clean all in feed
- Excellent product shape
- High reduction ratio
- Cone feed box level control to maintain choke feeding
- Hydraulic crusher setting
- Cone overload protection
- Heavy duty chassis and track frame
- Metal detector
- Dust suppression system
- Economical to operate with a highly fuel efficient direct drive system
- Patented double deck post screen.
- Suitable for re-circulating oversized material
- Fitted with Powerscreen Pulse Telematics system

Options

- Concaves: extra coarse, medium coarse, coarse, Autosand®
- Short throw eccentric
- Feed hopper extension plates
- Product conveyor belt weigher
- Electric refueling pump
- Hydraulic water pump
- Radio remote control
- Urea refueling pump
- Additional stockpiling conveyor for mid-grade product

Applications

- Sand & gravel
- Blasted rock
- River rock
- C & D waste
- Foundry waste
- Processed ores
- Processed minerals

Fines Conveyor
Width: 1400mm (4'5")
Discharge height: 3m (9'10")
Dust suppression

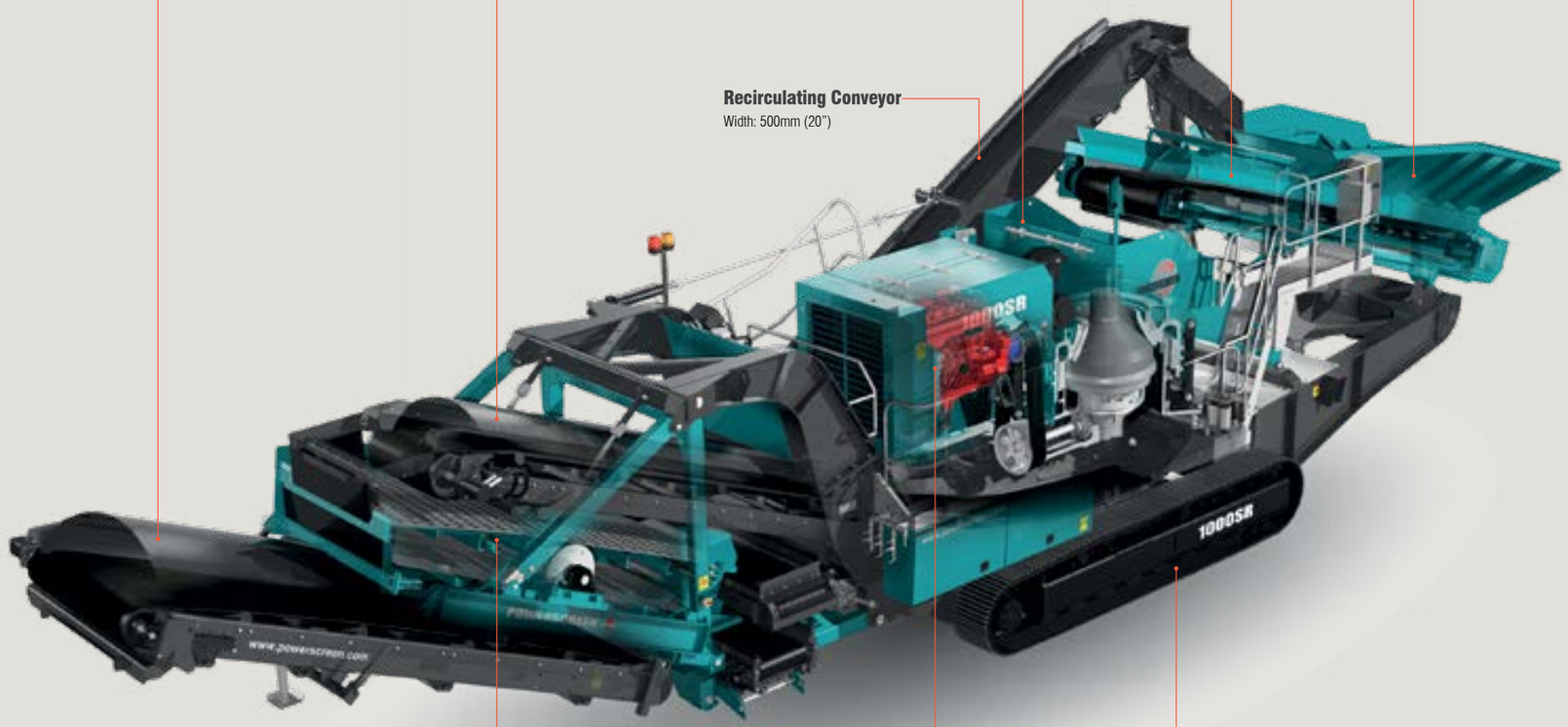
Product Conveyor
Width: 800mm (32")

Crusher
Automax® cone crusher with all roller bearing design
Size (head diameter): 1000mm (39")
Concave standard: Medium coarse
Min CSS: 18mm (0.7")*
Max CSS: 36mm (1.4")*

Recirculating Conveyor
Width: 500mm (20")

Feed Conveyor
Width: 1000mm (39")
Over and under belt metal detector

Hopper
Wear resistant feed hopper with crash bars
Length: 3.38m (11")
Width: 2.5m (8'2")
Capacity: 4.4m³ (5.8yds³)



Post-Screen
2 Deck screenbox
Length: 3350mm (11')
Width: 1525mm (5')

Power Unit
Tier 3/Stage 3A:
CAT C9.3 ACERT 250kW (335hp)
Fuel tank capacity: 522 L (137 US Gal)

Tracks
Width: 400mm (16")

1000SR

Weight (Est)	39,640kg (87,391lbs)
Transport width	3.1m (10'2")
Transport length	16.9m (55'5")
Transport height	3.45m (11'4")
Working width	3.1m (10'2")
Working length	16.9m (55'5")
Working height	4.85m (15'11")



*Depends on application

Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3/Stage 3A:, Tier 4i/Stage 3B:, Tier 4F / Stage 4).

POWERSCREEN®
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1300 MAXTRAK

The Powerscreen® 1300 Maxtrak is a medium to large sized track mobile cone crusher which is ideally suited to secondary applications such as taking an all in feed from a primary crusher. Based around the 1300 Automax® cone crusher, the plant excels in the production of sub-base or aggregates, providing excellent cubicity, throughput and reduction ratios.

Features & Benefits

- Renowned Automax® crusher technology
- Accepts clean all in feed
- Excellent product shape
- High reduction ratio
- Cone feed box level control to maintain choke feeding
- Hydraulic crusher setting
- Cone overload protection
- Heavy duty chassis and track frame
- Metal detector
- Dust suppression system
- Economical to operate with a highly fuel efficient direct drive system
- Fitted with Powerscreen Pulse Telematics system

Options

- Concave: medium coarse, Autosand®
- Feed hopper extension plates
- Product conveyor belt weigher
- Electric refueling pump
- Hydraulic water pump
- Urea refueling pump
- Radio remote control

Applications

- Sand & gravel
- Blasted rock
- River rock
- C & D waste
- Foundry waste
- Processed ores

Product Conveyor

Width: 1000mm (39")
Discharge height: 3.4m (11'2")
Dust suppression

Crusher

Automax® cone crusher with all roller bearing design
Size (head diameter): 1300mm (51")
Concave standard: Medium coarse
Min. CSS: 24mm (1")*
Max. CSS: 44mm (1.75")*
Max. feed size: 220mm (8.5")

Feed Conveyor

Width: 1300mm (51")
Over and under belt metal detector

Hopper

Wear resistant feed hopper with crash bars
Length: 3.5m (11'4")
Width: 2.8m (9'2")
Capacity: 7m³ (9.1yds³)



Power Unit

Tier 3/Stage 3A:
CAT C13 ACERT 328kW (440hp)
Fuel tank capacity: 1000 L (264 US Gal)

Tracks

Width: 500mm (20")

1300 MAXTRAK	
Weight (Est) (Tier 3)	48,020kg (105,865lbs)
Weight (Est) (Tier 4)	47,880kg (105,557 lbs)
Transport width	3m (9'10")
Transport length	15.35m (40'4")
Transport height	3.85m (12'8")
Working width	3.85m (12'8")
Working length	15.5m (50'10")
Working height	4.7m (15'5")



*Depends on application

Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3/Stage 3A:, Tier 4i/Stage 3B:, Tier 4F / Stage 4).

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CRUSHING TECHNOLOGY



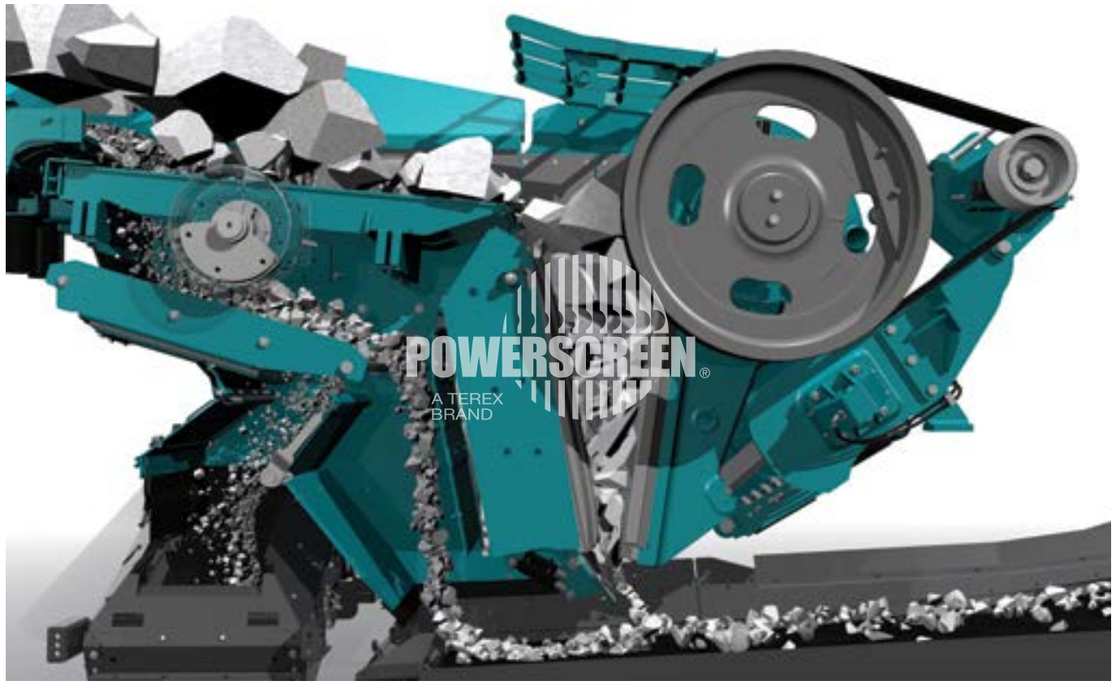
JAW

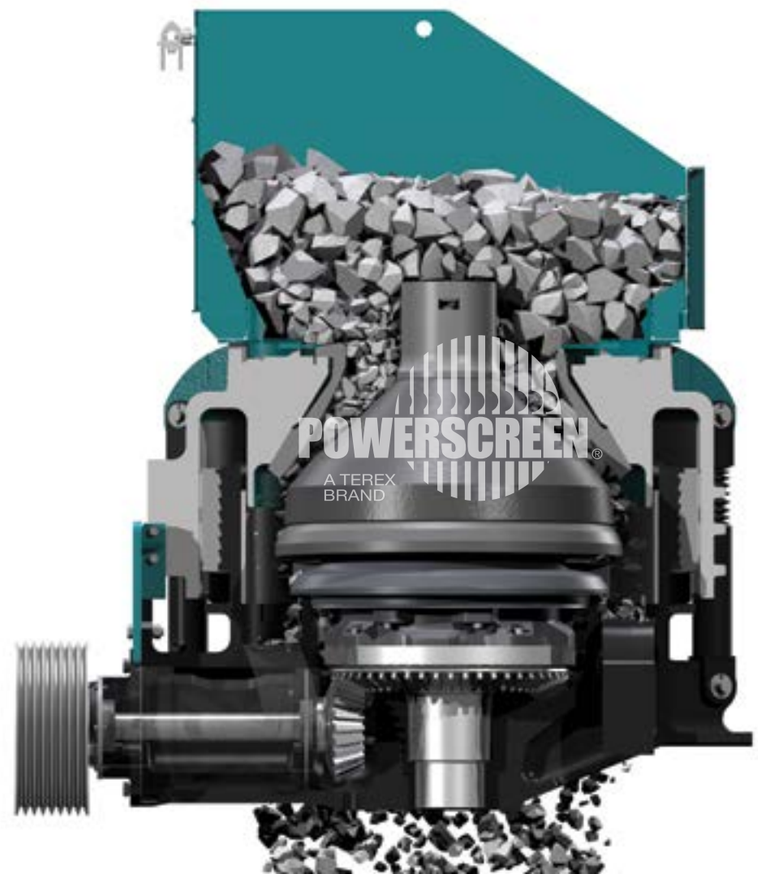
A range of jaw tooth profiles are available for your Powerscreen Jaw Crusher. This choice allows maximised performance across all applications with excellent wear life and output potential. All Powerscreen jaw plates are fully reversible allowing maximum usage of available plate and are fully machined on locating surfaces providing ease of speed when fitting them. A convenient easy lifting system also facilitates changes. To better understand the best choice of jaw plate profile for your application contact your local dealer.



CONE

In all crushing equipment the choice of wear parts often has a direct impact on the quality of the end product produced – this is especially true for cone crushers where end product specification and quality is of key importance.





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CHIEFTAIN 1700

The Powerscreen® Chieftain 1700 is a mid-sized track mobile screen aimed at end users requiring high volumes of finished products in applications including topsoil, coal, crushed stone, recycling, iron ore, sand and gravel.

User benefits include a quick set-up time, drop down tail conveyor and screen mesh access system to aid screen media changes and a transverse power unit arrangement to simplify servicing.

Features & Benefits

- 2 or 3 deck
- Radio controlled tipping grid
- Integrated high capacity variable speed belt feeder
- Grease filled 2 bearing screenbox
- Heavy duty single shaft screenboxes with adjustable stroke, angle and speed
- Screen walkway and access ladder
- Hydraulic folding conveyors with excellent stockpiling capacity
- Patented fully mounted hydraulic folding auxiliary stockpile conveyor (3 deck)

Options

- Wheel or track mobile
- Double deck vibrating grizzly
- Radio controlled tracking
- Anti roll-back
- Dual Power (additional electric hydraulic drive)
- Roll-in bogie prepared
- Roll-in bogie equipped
- Quick release screen wedge tensioning
- Auto lubrication system
- Dust suppression
- Extended recirculation conveyor attached for transport (3 deck)
- Hydraulic screen tensioning (Bottom Deck)

Applications

- Sand & Gravel
- Blasted rock
- C&D Waste
- Overburden
- Slag
- Iron Ores
- Coal



CHIEFTAIN 1700	TRACK (2 DECK)	TRACK (3 DECK)
Weight (Est)	26,900kg (59,304lbs)	29,800kg (65,698lbs)
Transport width	3m (9'10")	3m (9'10")
Transport length	16.53m (54'3")	16.53m (54'3")
Transport height	3.4m (11'3")	3.5m (11'6")
Working width	17.32m (56'10")	17.32m (56'10")
Working length	17.22m (56'6")	17.22m (56'6")
Working height	5.82m (19'1")	5.89m (19'4")

*Output potential depends on application

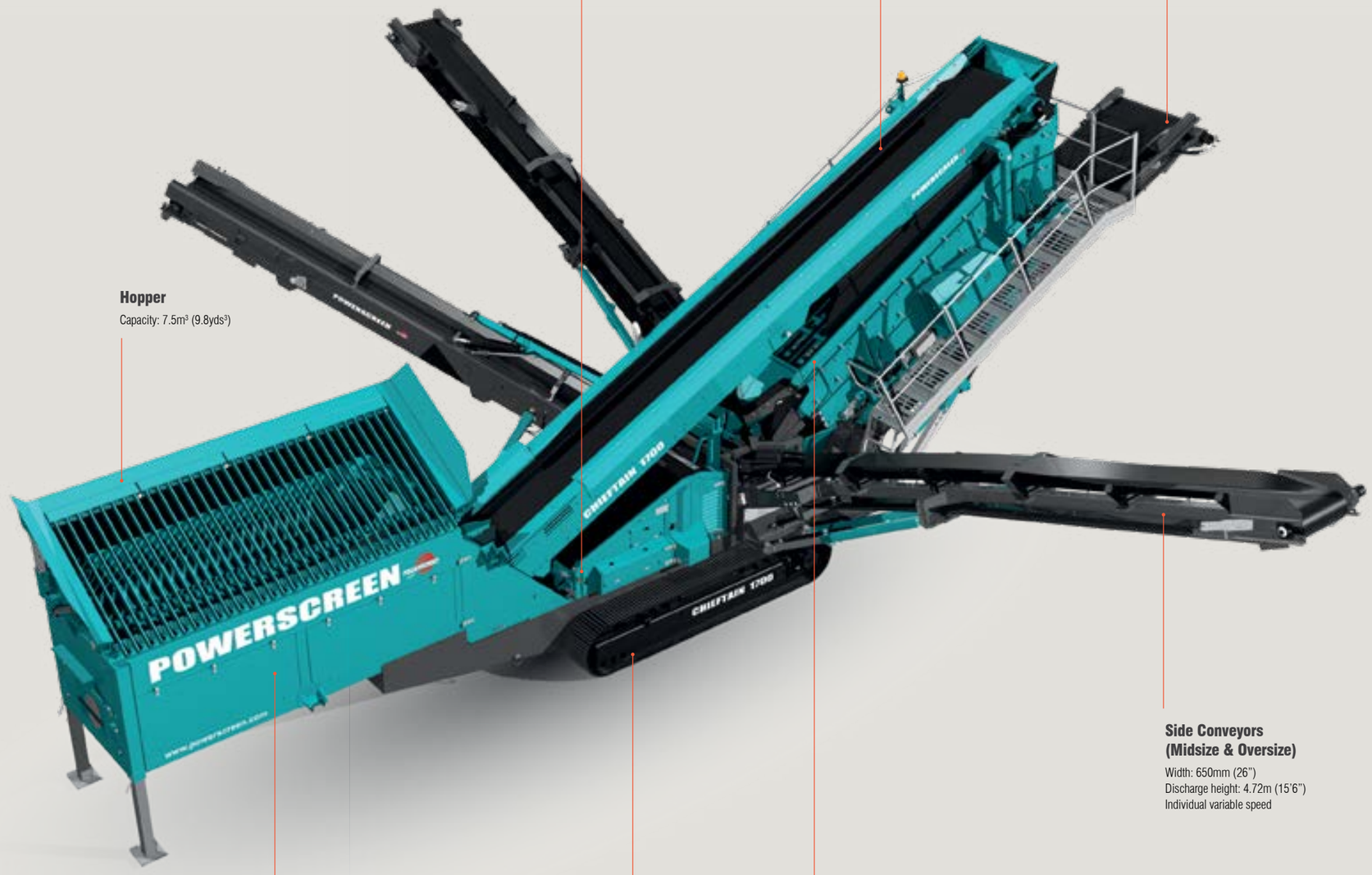
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HYBRID

Power Unit
Tier 3/Stage 3A:
Ashok Leyland H6ETIC3RU23 75kW (100hp)
Fuel tank capacity: 336 L (88 US Gal)

Main Conveyor
Width: 1050mm (42")
Hydraulically adjustable

Tail Conveyor (Finesize)
Width: 1200mm (48")
Discharge height: 4.23m (13'10")



Hopper
Capacity: 7.5m³ (9.8yds³)

Feeder Conveyor
Width: 1050mm (42")
Individual variable speed

Tracks
Width: 400mm (15.7")

Screenbox
2 Bearing, 2 or 3 deck screenbox
Size: 4.8m x 1.53m (16' x 5')

Side Conveyors (Midsize & Oversize)
Width: 650mm (26")
Discharge height: 4.72m (15'6")
Individual variable speed

POWERSCREEN® A TEREX BRAND

CHIEFTAIN 2100X

The Powerscreen® Chieftain 2100X is designed for medium to large scale operators who require large volumes of high specification products. The Chieftain 2100X is the largest model to feature a high capacity hopper, belt feeder and radio controlled tipping grid.

A key feature is the patented hydraulically folding recirculating conveyor on the 3 deck version, eliminating the need for a crane on site and a 2 bearing screen with adjustable screen speed and amplitude with hydraulic screen angle adjustment.

User benefits include a quick set-up time (typically under 30 minutes) with hydraulically folding conveyors and track mobility, class leading stockpile discharge heights and a drop down tail conveyor and hydraulically raising min conveyor to aid screen media changes.

Features & Benefits

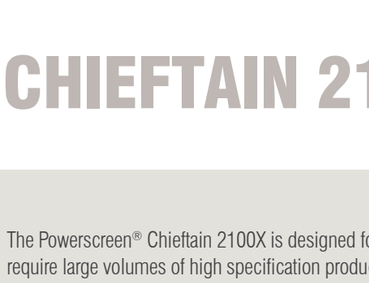
- 2 or 3 deck
- Radio controlled tipping grid
- Integrated high capacity variable speed belt feeder
- Oil bath lubricated 2 bearing screenbox
- Heavy duty single shaft screenboxes with adjustable stroke, angle and speed
- Screen walkway and access ladder
- Hydraulic folding conveyors with excellent stockpiling capacity

Options

- Double deck vibrating grizzly
- Radio controlled tracking
- Anti roll-back
- Dual Power (additional electric hydraulic drive)
- Roll-in bogie prepared
- Roll-in bogie equipped
- Auto lubrication system
- Dust suppression
- Quick release wedge tensioning (top/middle decks)
- Oversize transfer conveyor for Biomass and recycling (3 deck model)
- Extended recirculating conveyor attached for transport (3 deck model)
- Hydraulic screen tensioning (Bottom Deck)

Applications

- Iron Ores
- Coal
- Municipal Waste
- Legacy Waste
- Sand & Gravel
- C&D Waste
- Overburden
- Slag



CHIEFTAIN 2100X	TRACK (2 DECK)	TRACK (3 DECK)
Weight (Est)	34,700kg (76,500lbs)	37,400kg (82,453lbs)
Transport width	3m (9'10)	3m (9'10")
Transport length	19.01m (62'4")	19.06m (62'7")
Transport height	3.47m (11'5")	3.47m (11'5")
Working width	18.3m (60')	18.3m (60')
Working length	19.8m (64'11")	19.47m (63'11")
Working height	5.89m (19'4")	6.29m (20'8")

*Output potential depends on application

Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3/Stage 3A, Tier 4i/Stage 3B, Tier 4F/Stage 4).

HYBRID



Auxiliary Conveyor (3 Deck)
Width: 650mm (26")
Discharge height: 4.42m (14' 6")

Power Unit
Tier 3/Stage 3A:
CAT C4.4 ATAAC 97kW (130hp) (3 Deck)
Fuel tank capacity: 336 L (88 US Gal)

Main Conveyor
Width: 1050mm (42")
Hydraulic raise for screen media changing

Tail Conveyor (Finesize)
Width: 1200mm (48")
Discharge height: 4.75m (15'7")
Lower for screen media changing

Hopper
Capacity: 8m³ (10.5yds³)
Adjustable angle reject grid as standard

Side Conveyor (Midsize + Oversize)
Width: 800mm (32")
Discharge height: 4.96m (16'3")

Feeder Conveyor
Width: 1050mm (42")
Variable speed control

Tracks
Width: 500mm (19.7")

Screenbox
2 Bearing, 2 & 3 deck screenbox
Size: 6.1m x 1.53m (20' x 5')

POWERSCREEN®
A TEREX BRAND

CHIEFTAIN 2200 2 DECK

The Powerscreen® Chieftain 2200 is designed for operators who require large volumes of high specification products with maximum versatility. The Chieftain 2200 has two highly versatile double deck screenboxes which provide a total screening area of 19.5m². It has a revolutionary patent pending drive system which allows switching between 2 and 4 bearing with bolt-on parts. The maximum variability of the Chieftain offers improved capabilities over its class rivals, especially when trying to make high specification aggregate.

User benefits include a quick set-up time (typically under 30 minutes) with hydraulically folding conveyors and track mobility. Its high aggression screenboxes handle dirty, sticky material with ease.

Features & Benefits

- 2 double deck screenboxes
- Patent pending drive system to switch between 2 and 4 bearing arrangements
- Radio controlled tipping grid
- Integrated high capacity variable speed belt feeder
- Heavy duty single shaft screenboxes with adjustable stroke, angle and speed
- Hydraulic screen tensioning (bottom deck)
- Screen walkway and access ladder
- Hydraulic folding conveyors with excellent stockpiling capacity

Options

- Double deck vibrating grizzly
- Radio controlled tracking
- Anti roll-back
- Dual Power
- Auto lubrication system
- Dust suppression
- Quick release wedge tensioning (top decks)

Applications

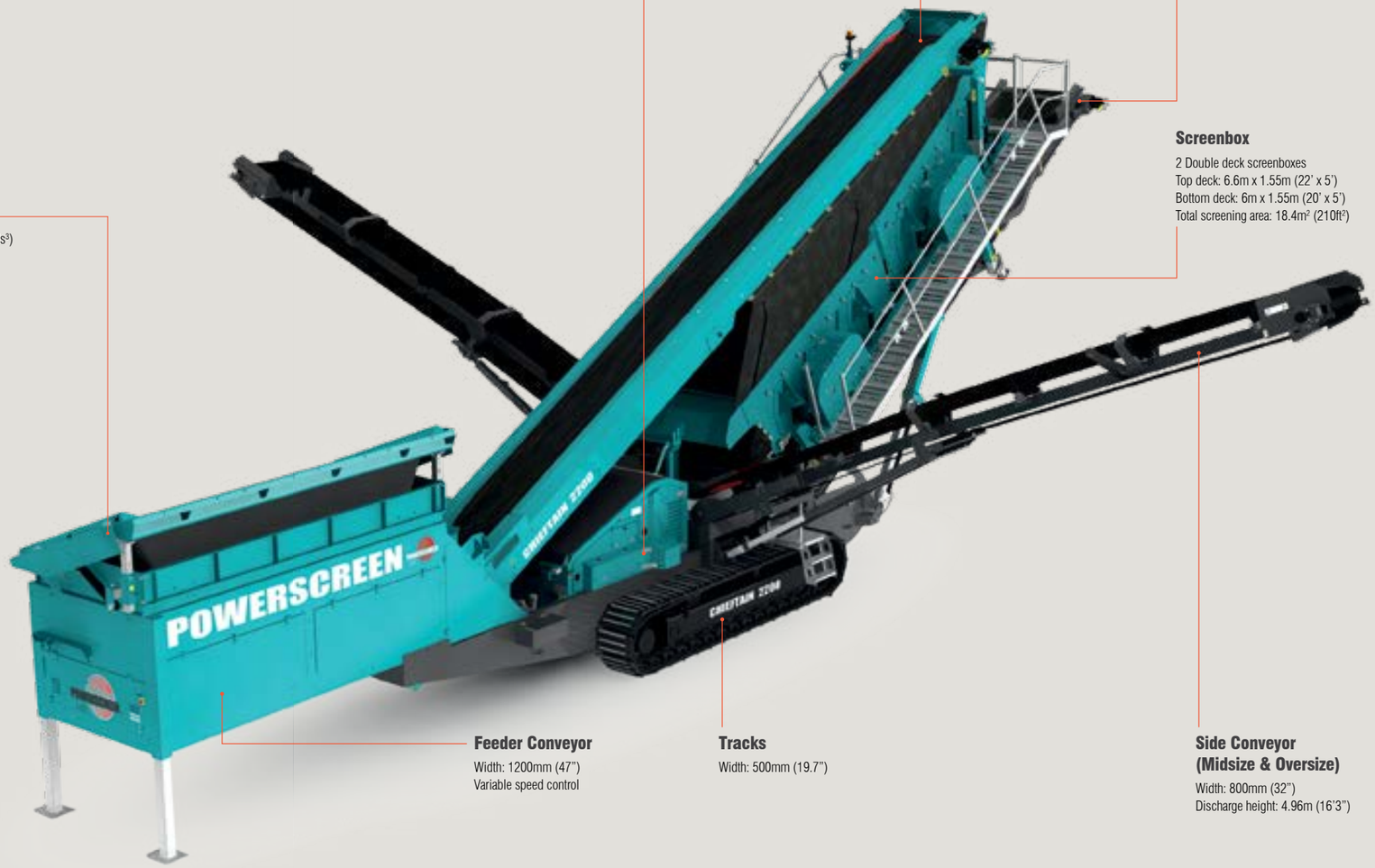
- Iron Ores
- Coal
- Municipal Waste
- Legacy Waste
- Sand & Gravel
- C&D Waste
- Overburden
- Slag



CHIEFTAIN 2200	WITH GRID	WITH DOUBLE DECK VIBRATING GRID
Weight (Est)	35,350kg (78,000lbs)	39,350kg (86, 750lbs)
Transport width	3.0m (9'10)	3.0m (9'10")
Transport length	19.79m (64' 11")	19.79m (64' 11")
Transport height	3.55m (11' 7")	3.6m (11' 10")
Working width	18.3m (60')	18.3m (60')
Working length	20.05m (65' 10")	20.05m (65' 10")
Working height	7.89m (25'11")	7.89m (25'11")

*Output potential depends on application

Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3/Stage 3A, Tier 4i/Stage 3B, Tier 4F/Stage 4).



Power Unit
Tier 3/Stage 3A:
CAT C4.4 ATAAC 83kW (111.3hp)
Fuel tank capacity: 336 L (88 US Gal)

Main Conveyor
Width: 1050mm (42")
Hydraulic raise for screen media changing

Tail Conveyor (Finesize)
Width: 1200mm (48")
Discharge height: 5.12m (16'10")
Lowers for screen media changing

Screenbox
2 Double deck screenboxes
Top deck: 6.6m x 1.55m (22' x 5')
Bottom deck: 6m x 1.55m (20' x 5')
Total screening area: 18.4m² (210ft²)

Hopper
Capacity: 8m³ (10.5 yds³)

Feeder Conveyor
Width: 1200mm (47")
Variable speed control

Tracks
Width: 500mm (19.7")

Side Conveyor (Midsize & Oversize)
Width: 800mm (32")
Discharge height: 4.96m (16'3")

POWERSCREEN®
A TEREX BRAND

WARRIOR 600

The Powerscreen® Warrior 600 is the most compact of Powerscreen's heavy duty scalping screen Warrior range. One of the key features of the Warrior 600 is its size - the compact transport envelope allows the unit to be transported in a shipping container, and is small and light enough to move between sites with minimal cost. It also means that it is highly mobile on site, even in built-up areas.

The machine is a multipurpose heavy duty incline 2 deck screen, capable of stockpiling, scalping before and after crushing units, or as a standalone unit. Its highly aggressive screen can accept bofor bars, finger screens, woven mesh and punch plates along with other application specific media types.

User benefits include a rapid set-up time and ease of operation aided by hydraulic folding side conveyors, rigid feed hopper sides and two speed tracks.

Features & Benefits

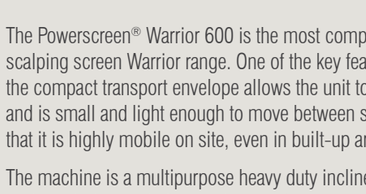
- Ultra-low fuel consumption with optimised hydraulics
- Smart design minimises weight but retains strength and robustness
- Rapid conversion from 3 way split to 2 way split - fully hydraulic
- High aggression screenbox with ability to adjust stroke
- Robust, heavy duty, fixed angle 2 bearing, 2 deck screen
- Open chassis design with unrivalled access below screen to aid mesh changes
- Variable speed hopper featuring heavy duty rollers & rigid hopper - Hydraulic folding conveyors with excellent stockpiling capacity
- Quick and simple 3 stage set-up
- 37kW engine option complies with the latest EU emissions legislation, without the requirement for engine exhaust after-treatment system or urea additions

Options

- Radio controlled tracking
- Quick release screen wedge tensioning
- Auto lubrication system
- Dust suppression
- Screen blanket
- Plain/chevron belt conveyors
- Wide range of screen media

Applications

- Biomining
- Iron Ores
- Coal
- Blasted Rocks
- Sand & Gravel
- C&D Waste
- Overburden
- Slag



WARRIOR 600	TRACK
Weight (Est)	12,000kg (26,455lbs)
Transport width	2.25m (7'5")
Transport length	10.98 (36')
Transport height	2.55 (8' 4")
Working width	10.42m (34' 2")
Working length	10.54m (34' 7")
Working height	3.18m (10' 5")

*Output potential depends on application

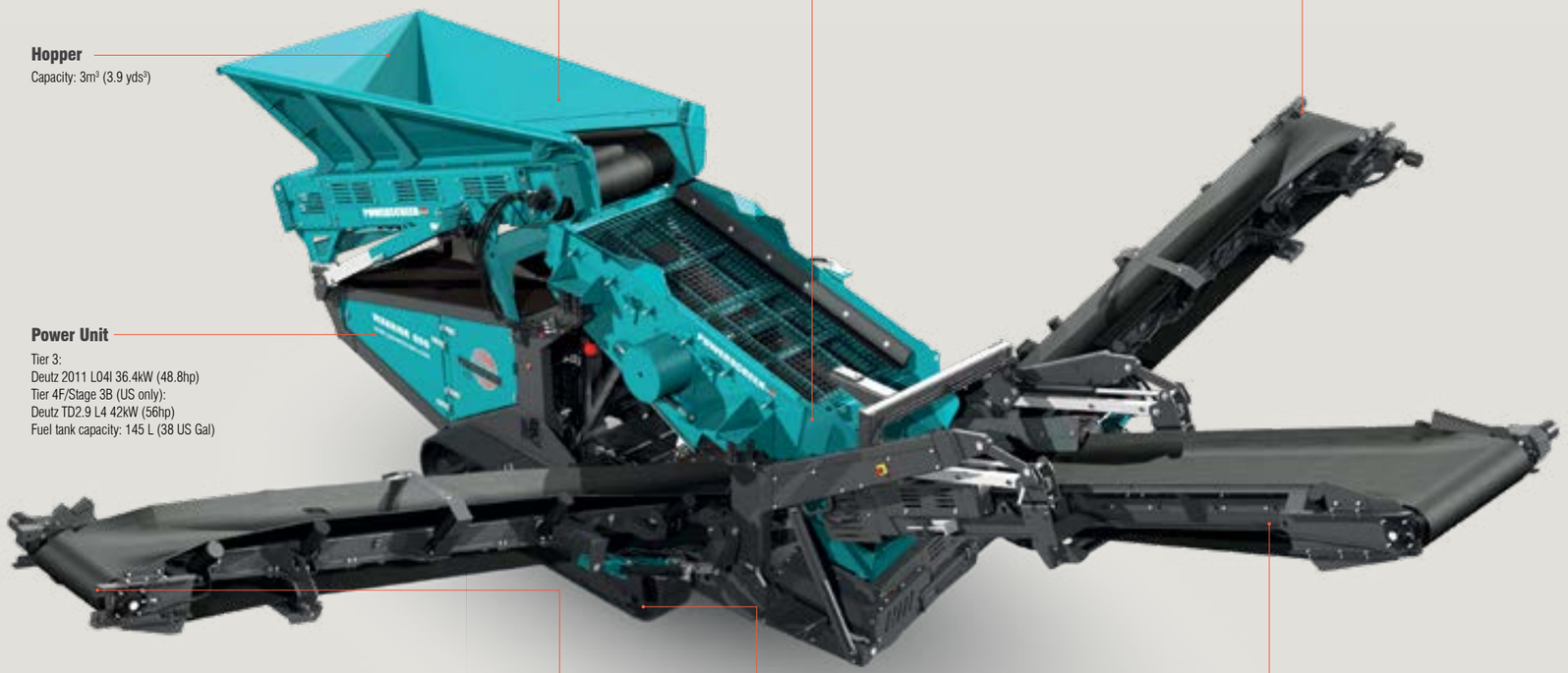
Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3/Stage 3A, Tier 4i/Stage 3B, Tier 4F/Stage 4).

Feeder Conveyor
Width: 1000mm (39")
Heavy duty belt feeder

Screenbox
2 Bearing, 2 deck screenbox
Size: 2.34m x 1.17m (8' x 4')
High aggression

Side Conveyor (Midsize)
Width: 650mm (26")
Discharge height: 2.8m (9'2")

Hopper
Capacity: 3m³ (3.9 yds³)



Power Unit
Tier 3:
Deutz 2011 L04I 36.4kW (48.8hp)
Tier 4F/Stage 3B (US only):
Deutz TD2.9 L4 42kW (56hp)
Fuel tank capacity: 145 L (38 US Gal)

Screen Media
- Mesh
- Punch plate
- Bofor
- Finger
- Flex mat
- Speed harp

Side Conveyor (Finesize)
Width: 650mm (26")
Discharge height: 2.9m (9'6")

Tracks
Width: 300mm (11.8")

Tail Conveyor (Oversize)
Width: 1000mm (39")
Discharge height: 2.7m (8'10")

POWERSCREEN® A TEREX BRAND

WARRIOR 1200

The Powerscreen Warrior 1200 is the most compact 12ft scalping screen in today's market. Despite this footprint, with a highly aggressive screen at its heart, the Warrior 1200 is not overshadowed by its competition. The Warrior 1200 is suitable for unique applications such as Biomining, Coal, Slag and Asphalt Screening.

A multipurpose heavy duty incline two deck screen, the Warrior 1200 is capable of stockpiling, scalping before and after crushing units, or as a standalone unit. Its highly aggressive screen can accept bofor bars, finger screens, woven mesh and punch plates along with other application specific media types.

User benefits include a rapid set-up time and ease of operation aided by hydraulically folding conveyors, two speed tracks and a swift two way split conversion.

Features & Benefits

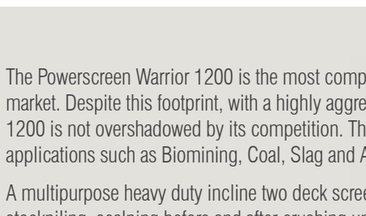
- Ultra-low fuel consumption with optimised hydraulics
- Smart design minimises weight but retains strength and robustness
- Rapid conversion from 3 way split to 2 way split - fully hydraulic
- High aggression screenbox with adjustable stroke and angle.
- Robust, heavy duty, 2 bearing double deck screen.
- Open chassis design with unrivalled access below screen to aid mesh changes
- Variable speed feeder featuring heavy duty rollers, a rigid hopper structure and folding hopper extensions
- Quick and simple three stage set-up

Options

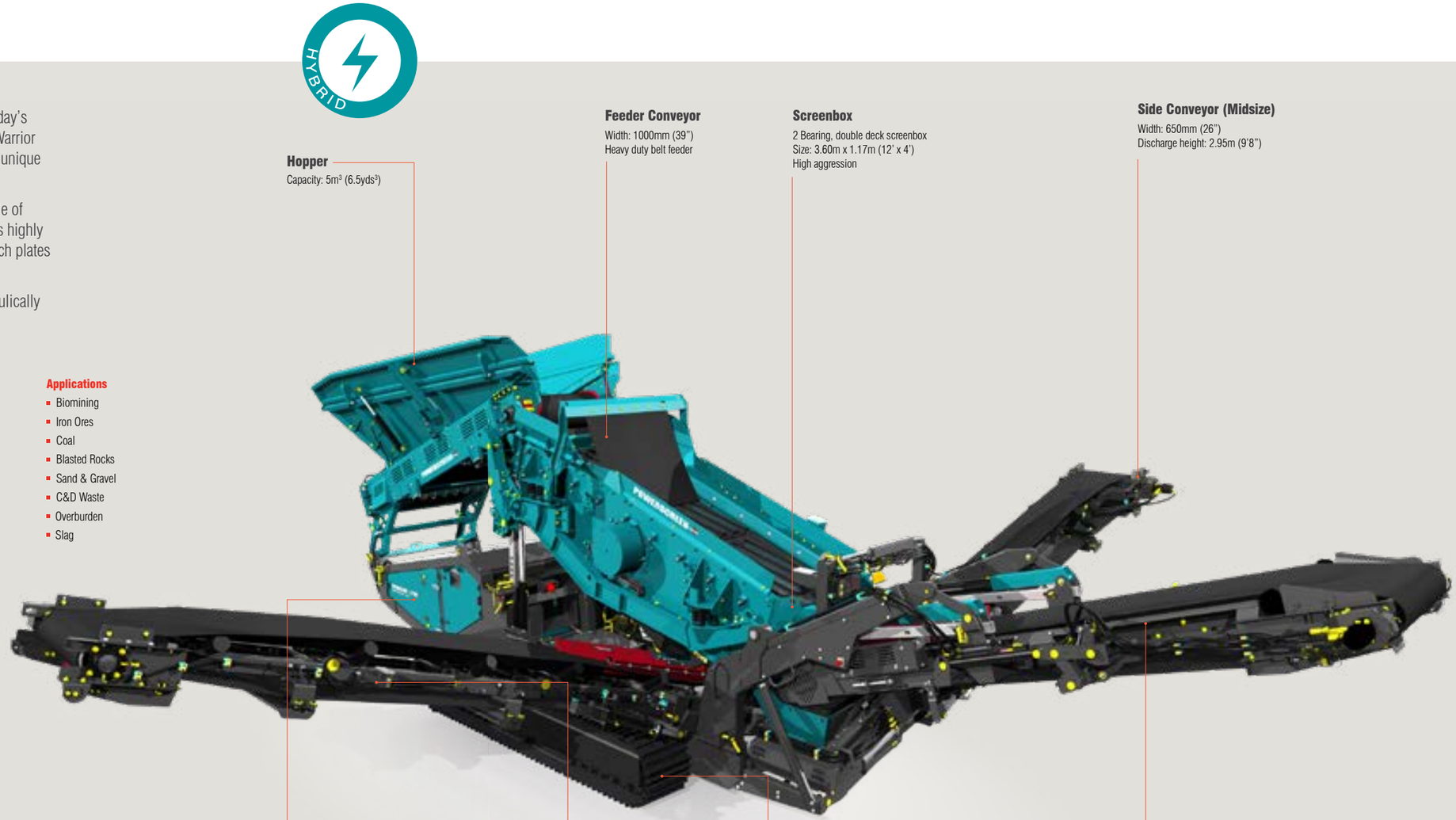
- Radio controlled tracking
- Quick release screen wedge tensioning
- Auto lubrication system
- Screen blanket
- Plain/chevron belt conveyors
- Wide range of screen media
- Hydraulic folding tail conveyor
- Hydraulic folding hopper extensions

Applications

- Biomining
- Iron Ores
- Coal
- Blasted Rocks
- Sand & Gravel
- C&D Waste
- Overburden
- Slag



WARRIOR 1200	TRACK
Weight (Est)	16,800kg (37,038lbs)
Transport width	2.25m (7'5")
Transport length	10.96m (36')
Transport height	2.51m (8'3")
Working width	10.36m (34')
Working length	11.62m (38'2")
Working height	4.02m (13'2")



*Output potential depends on application

Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3/Stage 3A, Tier 4i/Stage 3B, Tier 4F/Stage 4).

POWERSCREEN® A TEREX BRAND

H6203

The Powerscreen® H range features horizontal screens ideal for handling high volumes of sticky materials and for the exact, fine sizing demanded in many construction contracts. The H6203 offers high capacity output of up to 800tph / (882 US tph).

The adjustable elliptical throw combines linear and circular amplitude producing an aggressive screening action. Powerscreen® H products are especially effective for scalping after a primary impact or jaw crusher and really have outstanding performance when screening out specific small sizes. Ideally suited to applications such as natural and crushed aggregate, coal, iron ore, recycled concrete and asphalt.

Features & Benefits

- High capacity variable speed belt feeder
- Oil bath screenbox bearing lubrication
- Screen walkway and access ladder
- Hydraulic folding stockpiling conveyors
- Heavy duty triple shaft screenbox with adjustable stroke, angle and speed
- Elliptical throw adjustable up to 19mm (3/4")
- Diesel hydraulic power unit
- Heavy duty, low ground pressure tracks
- Direct feed hopper with impact bars and rollers

Options

- Radio controlled tracking
- Roll-in bogie prepared
- Roll-in bogie equipped
- Variable speed incline apron feeder
- Chute arrangements offering blending between decks
- Incline Apron feeder
- Light duty belt feeder

Applications

- Iron Ores
- Coal
- Blasted Rocks



H6203

Weight (Est)	46,700kg (102,955lbs)
Transport width	3.2m (10'6")
Transport length	19.6m (64'3")
Transport height	3.6m (11'10")
Working width	16.25m (53' 3")
Working length	18.85m (61'10")
Working height	4.8m (15'9")

*Output potential depends on application

Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3/Stage 3A, Tier 4i/Stage 3B, Tier 4F/Stage 4).

HYBRID

Feeder Conveyor
Width: 1300mm (51")
Twin, direct drive gearboxes
Variable speed control

Side Conveyor (Mid Oversize)
Width: 900mm (36")
Discharge height: 4.4m (14'5")
Hydraulic folding
Variable speed control

Screenbox
3 Deck horizontal screenbox
Size: 6.1m x 1.93m (20' x 6'3")
Triple shaft technology
Adjustable stroke & stroke angle

Tail Conveyor (Oversize)
Width: 1400mm (55")
Discharge height: 4m (13'1")
Variable speed control
Angle adjustable

Side Conveyor (Finesize)
Width: 900mm (36")
Discharge height: 4.3m (14'2")
Variable speed control

Hopper
Capacity: 8.2m³ (10.72yd³)
Hydraulic folding,
Wear resistant steel sides



Power Unit
Tier 3/Stage 3A:
CAT C7.1 LRC 151kw (202hp)
Fuel tank capacity: 597 L (158 US Gal)

Tracks
Width: 500mm (19.7")

Side Conveyor (Mid Finesize)
Width: 900mm (36")
Discharge height: 4.4m (14'5")
Variable speed control
Hydraulic folding

POWERSCREEN®
A TEREX BRAND

CT65 & CT80 TRACKED CONVEYORS



Containerised shipping, Track in / Track out. No crane required.

HYBRID

The Powerscreen range of mobile conveyors are designed to work in conjunction with the entire range of Powerscreen crushing and screening equipment. Using conveyors means increased stockpile capacity and reduces on-site material handling. For convenience and to keep shipping costs low, Powerscreen conveyors can be transported in a 40ft container. The range includes 65ft and 80ft track mobile conveyors: CT65 and CT80.

TRANSPORT DIMENSIONS	CT65	CT80
Length	11.3m (37')	11.88m (38' 11")
Width	2.25m (7' 4")	2.25m (7' 4")
Height	2.65m (8' 8")	2.88m (9' 5")
Weight (Est.)	13,820kgs (30,467lbs)	16,750kgs (36,927lbs)
Containerised shipping	40' x 9' 6" High Cube Container	40' x 9' 6" High Cube Container

CONVEYOR DETAILS	CT65	CT80
Conveyor length	19.79m (64' 11')	22.8m (74' 10")
Belt width	1050mm (42")	1050mm (42")
Discharge height	9.1m (29'10") @ 24°	9.9m (32' 5") @ 24°
Max. discharge height	9.45m (31') @ 28°	10.41m (34'1") @ 25°
Production capacity	Up to 500+TPH (551+ US TPH)	Up to 500+TPH (551+ US TPH)

OPTIONS*	CT65	CT80
Feedboot liners: AR400 plate or 20mm rubber	▪	▪
Feedboot extension with liners	▪	▪
Large capacity biomass hopper	▪	▪
Chevron belt	▪	▪
Twin hydraulic drive discharge conveyor	▪	▪
Aluminium dust covers	▪	▪
Spray bar at head drum	▪	▪
Full length skirting rubber	▪	▪
Overband magnet with hydraulic kit and support frames	▪	▪
Hybrid complete with hydraulic and electric conveyor drive (400 TPH)	▪	▪
Twin Electric Drive 2 x 11kw motors (Hydraulic Conveyor Drive Removed) (400 tph)	▪	▪
Radio Remote to track machine	▪	▪
Pulse Telematics	▪	▪

* Additional options are available.

Steel lined feedboot as standard providing extended wear life. Feedboot extensions and rubber lined options also available

Hydraulic angle adjustment for easy plant integration. Hydraulic adjustment for variable feed height reduces impact and provides optimal material transfer.

Folding head section



Compact folding mechanism allows containerised shipping as one unit

Pinless deployment

Tier 3: Deutz DT011 36kW (45hp)
Fuel tank volume 200L (58 US GAL)

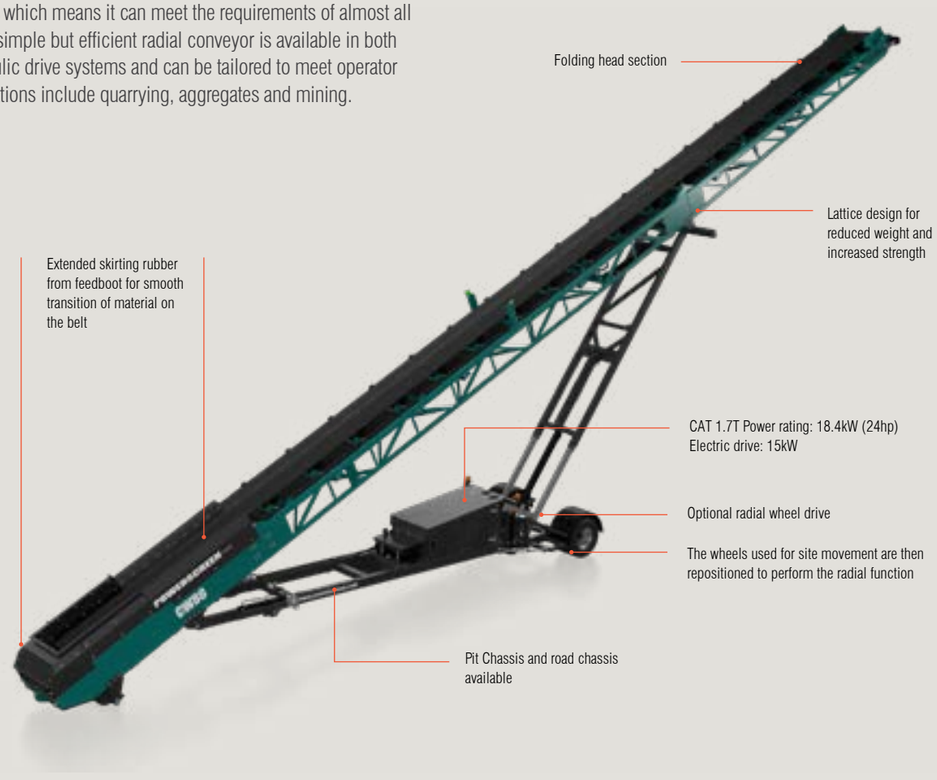
Dual-speed tracks for quick and controlled deployment

Folding tail section

POWERSCREEN®
A TEREX BRAND

CW80 RADIAL CONVEYOR

The Powerscreen CW80 radial conveyor is designed to be one of the most cost efficient and effective ways of stockpiling material on the market. Available in either Pit or Road towable variants, the Powerscreen CW80 offers a variety of different options which means it can meet the requirements of almost all applications. This simple but efficient radial conveyor is available in both electric and hydraulic drive systems and can be tailored to meet operator needs. Key applications include quarrying, aggregates and mining.



TRANSPORT DIMENSIONS	ROAD TOWABLE	PIT PORTABLE
Length	16.17m (52' 11")	16.55m (54' 3")
Width	2.5m (8' 3")	3.1m (10' 2")
Height	3.36m (11')	3.95m (12' 11")
Max Weight (with full options):	10,000kgs (22,046lbs)	
Containerised shipping	2x CW80 per 40' x 9' 6" High Cube Container	

CONVEYOR DETAILS	CW80 RADIAL
Discharge conveyor length	22.85m (74' 10)
Belt width	914mm (36")
Max. discharge height	9.95m (32' 7") @ 23°
Production capacity	Up to 300 TPH (336 US TPH)

OPTIONS*
Pull cord E-Stop
Feedboot Lined 6mm wearplate
Feedboot extensions
Chevron Belt
Heavy Duty Belt
Conveyor underguard length of mid-section
Canvas dust covers
Hydraulic angle adjust
Hydraulic fold over for transport
Hydraulic axle jacking legs (Std. with Road Chassis)
Single radial wheel drive
Spray bar at head drum
Low level greasing
Pulse Telematics

POWERSCREEN® PULSE

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

POWERSCREEN® A TEREX BRAND

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