

POWERSCREEN[®] CRUSHING RANGE



KNOWLEDGE IS POWER

POWERSCREEN®
CRUSHING
RANGE

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. 110 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 want to be part of your legacy.
We want you to be a part of ours.

Find your local Powerscreen dealer at
www.powerscreen.com



METROTRAK HA

The Powerscreen® Metrotrak HA is a compact, high performance track mobile jaw crushing plant. With an aggressive crushing action and a high output even at tight settings, the Metrotrak is ideally suited for operators in the mining, quarrying and recycling industries.

The Metrotrak HA offers hydraulic adjustment which offers users the benefit of quickly and easily changing the size of finished product.

- Features & Benefits**

 - Heavy duty fabricated chassis and track frame
 - Stepped self-cleaning grizzly feeder
 - Fully skirted product conveyor
 - Grizzly by-pass and fines chute
 - Hydraulically folding feed hopper
 - Dust suppression system
 - Economical to operate with a highly fuel efficient direct drive system
- Options**

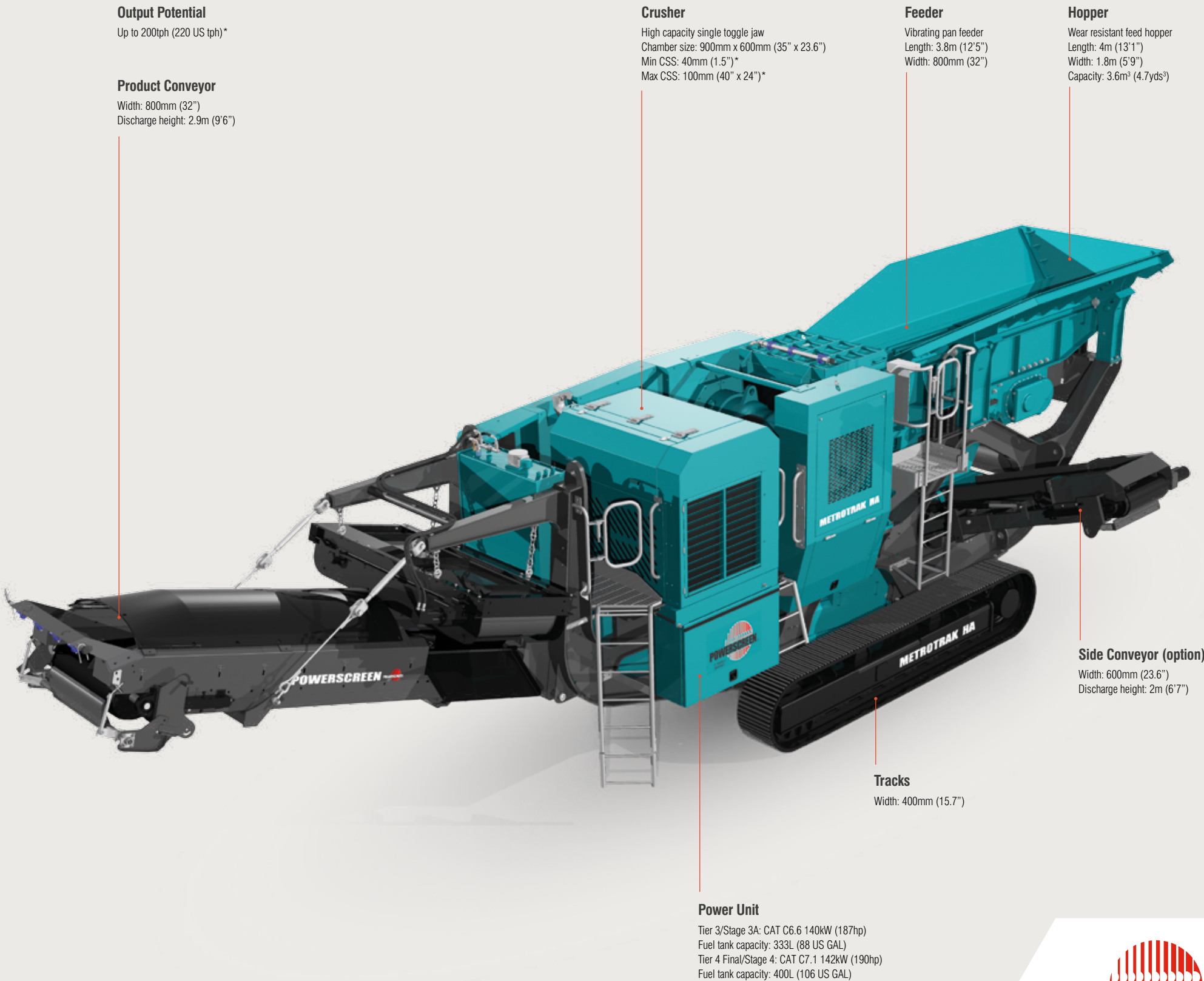
 - Side conveyor
 - Single pole/twin pole magnet
 - Radio remote control
 - Belt weigher
 - Hydraulically driven water pump
 - Electric refuelling pump
 - Wire mesh for underscreen
 - Super tooth or multi tooth jaw plates
- Applications**

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

METROTRAK HA	
Weight (Est)	27,800kg (61,288lbs)
Transport width	2.4m (7'10")
Transport length	13.12m (43')
Transport height	3.3m (10'10")
Working width	3.87m (12'8") with side conveyor
Working length	13.1m (42'9")
Working height	3.4m (11'1")



*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 4/Stage 3B., Tier 4F / Stage 4).



PREMIERTRAK 300/R300

The Powerscreen® Premiertrak 300 range of high performance primary jaw crushing plants are designed for medium scale operators in quarrying, demolition, recycling & mining applications. The range includes the Premiertrak 300 with hydraulic adjust & the Premiertrak R300 with hydraulic release. User benefits include track mobility for a quick set-up time, hydraulic crusher setting adjustment for total control of product size and crusher overload protection to prevent damage by un-crushable objects.

An optional hydrostatic drive system offers versatility and allows the crusher to be operated in reverse, of particular benefit in recycling applications.

Features & Benefits

- Ground level quick set-up with hydraulic folding feed hopper with hydraulic locking pins
- Heavy duty wear resistant feed hopper
- Stepped grizzly feeder with under-screen
- Wide bypass chute to optimise material flow
- Aggressive crushing action with high swing jaw encouraging material entry into crushing chamber
- Fully hydraulic crusher setting adjustment
- Improved manganese liner retention, protects jaw supports on both swing & fixed jaws
- Excellent under crusher access for removal of wire with hydraulic raise lower product conveyor
- Angle adjustable product conveyor, lowers for access & transport
- Low fuel consumption due to highly efficient direct drive system and low engine RPM
- Easily accessed powerunit canopy
- PLC control system with auto start facility
- Remote control via umbilical
- Dust suppression system

Options

- Deflector plate under crusher
- Dirt conveyor
- Single pole/twin pole magnet
- Radio remote control
- Belt weigher
- Electric refuelling pump
- Hydraulic water pump
- Urea refuelling pump
- Pre-screen system
- Stockpiler drive

Applications

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

PREMIERTRAK	300	R300
Weight (est.)	33,000kg (72,752lbs)	34,650kg (76,390lbs)
with side conveyor & magnet	35,000kg (77,162lbs)	36,650kg (80,799lbs)
Transport width	2.55m (8'5")	2.55m (8'5")
Transport length	14.6m (47'11")	14.6m (47'11")
Transport height	3.2m (10'6")	3.2m (10'6")
Working width	2.55m (8'5")	2.55m (8'5")
with side conveyor	6.28m (20'7")	6.28m (20'7")
Working length	14.7 (48'3")	14.7 (48'3")
Working height	3.85m (12'8")	3.85m (12'8")



*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 4/Stage 3B, Tier 4F / Stage 4).

Output Potential

Up to 280tph (308 US tph) *

Product Conveyor

Width: 900mm (35")
Discharge height: 3.4m (11' 2")

Crusher

High capacity single toggle jaw
Chamber size: 1000mm x 600mm (39" x 23.6")
Min CSS: 40mm (1.5")*
Max CSS: 145mm (5")*

Hopper

Wear resistant feed hopper
Length: 4.3m (14' 1")
Width: 2.05m (6' 8")
Capacity: 5m³ (6.5yds³)

Tracks

Width: 400mm (15.7")

Power Unit

Tier 3/Stage 3A:
CAT C9 205kW (275hp)
Tier 4 Final/Stage 4:
Scania DC9 202kW (275hp)
Fuel tank capacity: 520L (137 US Gal)

Feeder

Vibrating pan and grizzly feeder
Pan length: 1.73m (5' 8")
Pan width: 0.9m (3')
Grizzly length: 1.9m (6' 3")
Grizzly width: 0.9m (3')

Side Conveyor (option)

Width: 650mm (26")
Discharge height: 2.8m (9' 2")
Discharge height: 3.1m (10' 2")
(extended conveyor option)



PREMIERTRAK 400/R400

The Powerscreen® Premiertrak 400 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 R400 with hydraulic adjust and the Premiertrak R400 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
- Heavy duty wear resistant hydraulic folding feed hopper with 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
- 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
- Patented hydraulic crusher overload system, ideal for applications with un-crushable material in feed. 200mm3. Patent Publication Numbers: FR 1494810; DE 603 24 905.1-08; GB 2387342; US 7341213; CN ZL03810686.8 (Premiertrak R400)
- Economical to operate with low fuel consumption due to highly efficient direct drive system
- Angle adjustable product conveyor
- Easy access powerunit canopy
- PLC control system with auto start facility
- Remote control via umbilical
- Dust suppression system
- Easily set up

Options

- Patented hydraulic deflector plate under crusher. Patent Publication Number: CN ZL03810686.8
- Side conveyor
- Single pole/twin pole magnet
- Radio remote control
- Belt weigher
- Electric refuelling pump
- Hydraulically driven water pump
- Wire mesh for underscreen
- Super tooth or multi tooth jaw plates
- Extended hopper

Applications

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

PREMIERTRAK	400	R400
Weight (Est)	44,450kg (97,995lbs)	44,750kg (98,656lbs)
Transport width	2.8m (9'2")	2.8m (9'2")
Transport length	15.2m (49'10")	15.2m (49'10")
Transport height	3.4m (11'1")	3.4m (11'1")
Working width	2.8m (9'2")	2.8m (9'2")
(with side conveyor)	4.3m (14'1")	4.3m (14'1")
Working length	14.9m (49")	14.9m (49")
Working height	4.1m (13'6")	4.1m (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 4/Stage 3B, Tier 4F / Stage 4).

Output Potential

Up to 400 tph (441 US tph)*

Product Conveyor

Width: 1000mm (39")
Discharge height: 3.9m (12' 9")

Crusher

High capacity single toggle jaw
Chamber size: 1100mm x 700mm (43" x 28")
Min CSS: 50mm (2")*
Max CSS: 150mm (6")*

Hopper

Wear resistant feed hopper
Length: 4.9m (16' 1")
Width: 2.4m (7' 11")
Capacity: 10m³ (13yds³)



Power Unit

Tier 3/Stage 3A:
CAT C9 ACERT 194kW (260hp)
Fuel tank capacity: 410L (108 US Gal)
Tier 4 Final/Stage 4:
Scania DC9 80A 202kW (275hp)
Fuel tank capacity: 450L (119 US Gal)

Tracks

Width: 500mm (19.7")

Feeder

Vibrating pan and grizzly feeder
Feeder length: 4.08m (13' 5")
Feeder width: 1.06m (3' 6")
Grizzly length: 2.12m (7')

Side Conveyor (option)

Width: 600mm (23.6")
Discharge height: 2m (6'5")



PREMIERTRAK 400 PRE-SCREEN

The Powerscreen® Premiertrak 400 range of high performance primary jaw crushing plants are designed for medium scale operators in quarrying, demolition, recycling and mining applications. The Powerscreen® Premiertrak 400 Pre-Screen model was developed to incorporate a fully independent high amplitude, hydraulically driven pre-screen with increased drop angle on the bottom deck improving machine throughput and overall capacity. In order to facilitate improved pre-screened material flow, the discharge opening from the under chute has been increased from 200mm to 320mm, allowing faster movement of pre-screened material to bypass the crushing chamber.

Features & Benefits

- High output and excellent reduction capability
- Heavy duty wear resistant hydraulic folding feed hopper with with over centre struts and hydraulic pin-lock 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
- 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
- Patented hydraulic crusher overload system, ideal for applications with un-crushable material in feed, 200mm³. Patent Publication Numbers: FR 1494810; DE 603 24 905 1-08; GB 2387342; US 7341213; CN ZL03810686.8 (Premiertrak R400 Pre-Screen)
- Economical to operate with low fuel consumption due to highly efficient direct drive system
- Angle adjustable product conveyor
- Easy access powerunit canopy
- PLC control system with auto start facility
- Remote control via umbilical
- Dust suppression system
- Easily set up

Options

- Patented hydraulic deflector plate under crusher. Patent Publication Number: CN ZL03810686.8
- Side conveyor
- Single pole/twin pole magnet
- Radio remote control
- Belt weigher
- Electric refuelling pump
- Hydraulically driven water pump
- Wire mesh for underscreen
- Super tooth or multi tooth jaw plates
- Extended hopper
- Grizzly cassette apertures

Applications

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

PREMIERTRAK 400 PRE-SCREEN

Weight (Est)	49,000kg (108,026lbs)
Transport width	2.8m (9'2") 2.9m (9'6") with side conveyor
Transport length	15.4m (50'6")
Transport height	3.65m (12')
Working width	6.61m (21'8") with side conveyor
Working length	14.9m (49')
Working height	4.99m (16'4")



*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 4/Stage 3B, Tier 4F / Stage 4).

Output Potential

Up to 400 tph (441 US tph)*

Product Conveyor

Width: 1000mm (39")
Discharge height: 3.9m (12' 9")

Crusher

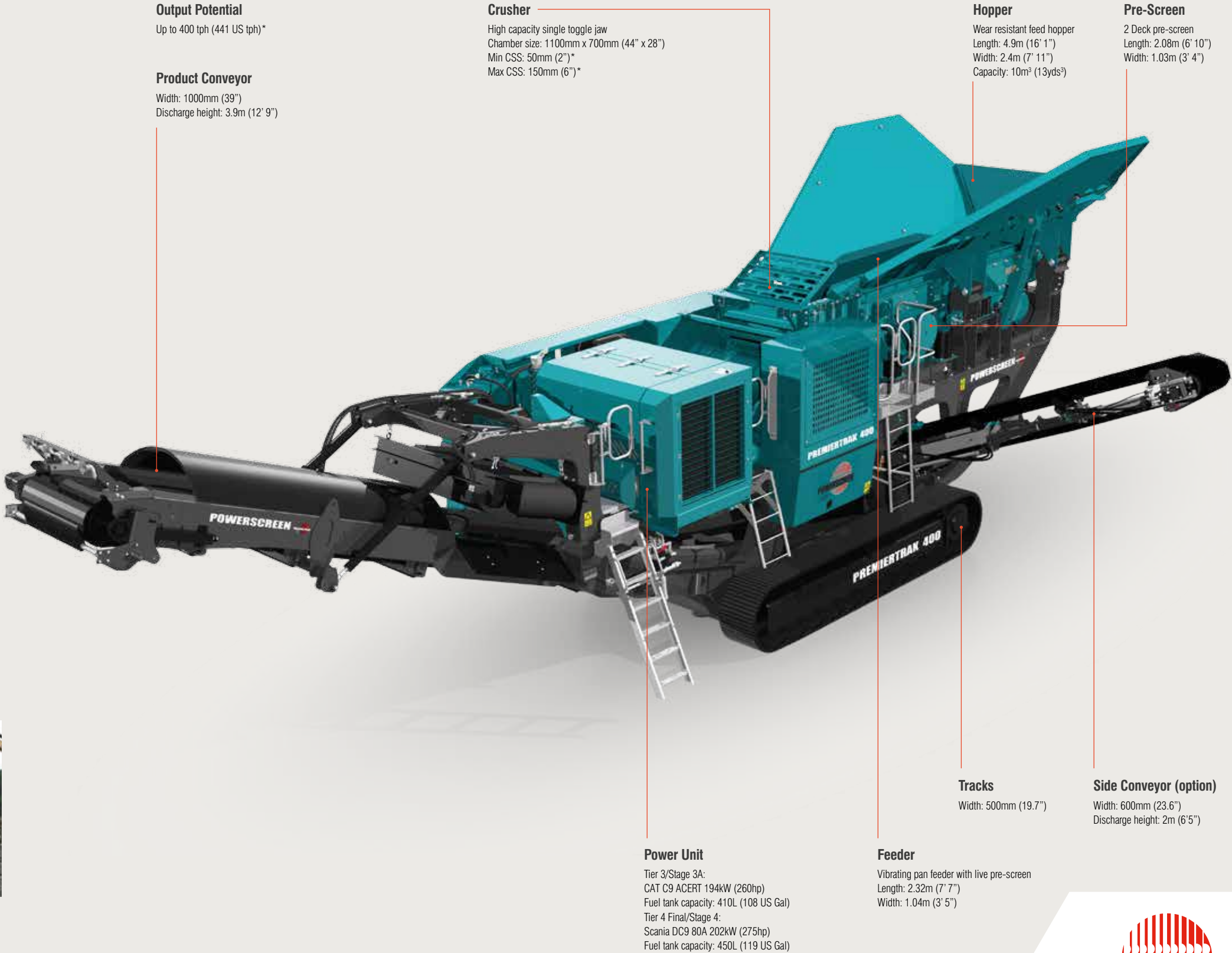
High capacity single toggle jaw
Chamber size: 1100mm x 700mm (44" x 28")
Min CSS: 50mm (2")*
Max CSS: 150mm (6")*

Hopper

Wear resistant feed hopper
Length: 4.9m (16' 1")
Width: 2.4m (7' 11")
Capacity: 10m³ (13yds³)

Pre-Screen

2 Deck pre-screen
Length: 2.08m (6' 10")
Width: 1.03m (3' 4")



Power Unit

Tier 3/Stage 3A:
CAT C9 ACERT 194kW (260hp)
Fuel tank capacity: 410L (108 US Gal)
Tier 4 Final/Stage 4:
Scania DC9 80A 202kW (275hp)
Fuel tank capacity: 450L (119 US Gal)

Feeder

Vibrating pan feeder with live pre-screen
Length: 2.32m (7' 7")
Width: 1.04m (3' 5")

Tracks

Width: 500mm (19.7")

Side Conveyor (option)

Width: 600mm (23.6")
Discharge height: 2m (6' 5")



1180 PREMIERTRAK

The Powerscreen® 1180 Premiertrak is a medium to large scale mobile primary jaw crusher plant which achieves high outputs in a variety of quarrying, recycling and contract crushing applications. The crusher features a high swing jaw with a forceful motion that improves feed entry into the crushing chamber to maximise throughput and allow for excellent reduction. User benefits include low fuel consumption, track mobility and simplified set-up, operation and maintenance.

- Features & Benefits**

 - High output and excellent reduction capacity
 - Hydraulically folding wear resistant hopper
 - 2 Way dirt chute
 - Heavy duty chassis and track frame
 - Aggressive stroke with high swing jaw
 - Fully skirted product conveyor with hydraulic tail lift
 - Economical to operate with a highly fuel efficient direct drive system
 - Oversize cartridge encased mainframe bearings
 - Dust suppression system
 - Rugged vibrating grizzly feeder
 - Manual crusher setting adjustment
 - Easy access powerunit canopy
 - PLC control system with auto start facility
 - Remote control via umbilical
 - Easily set up
- Options**

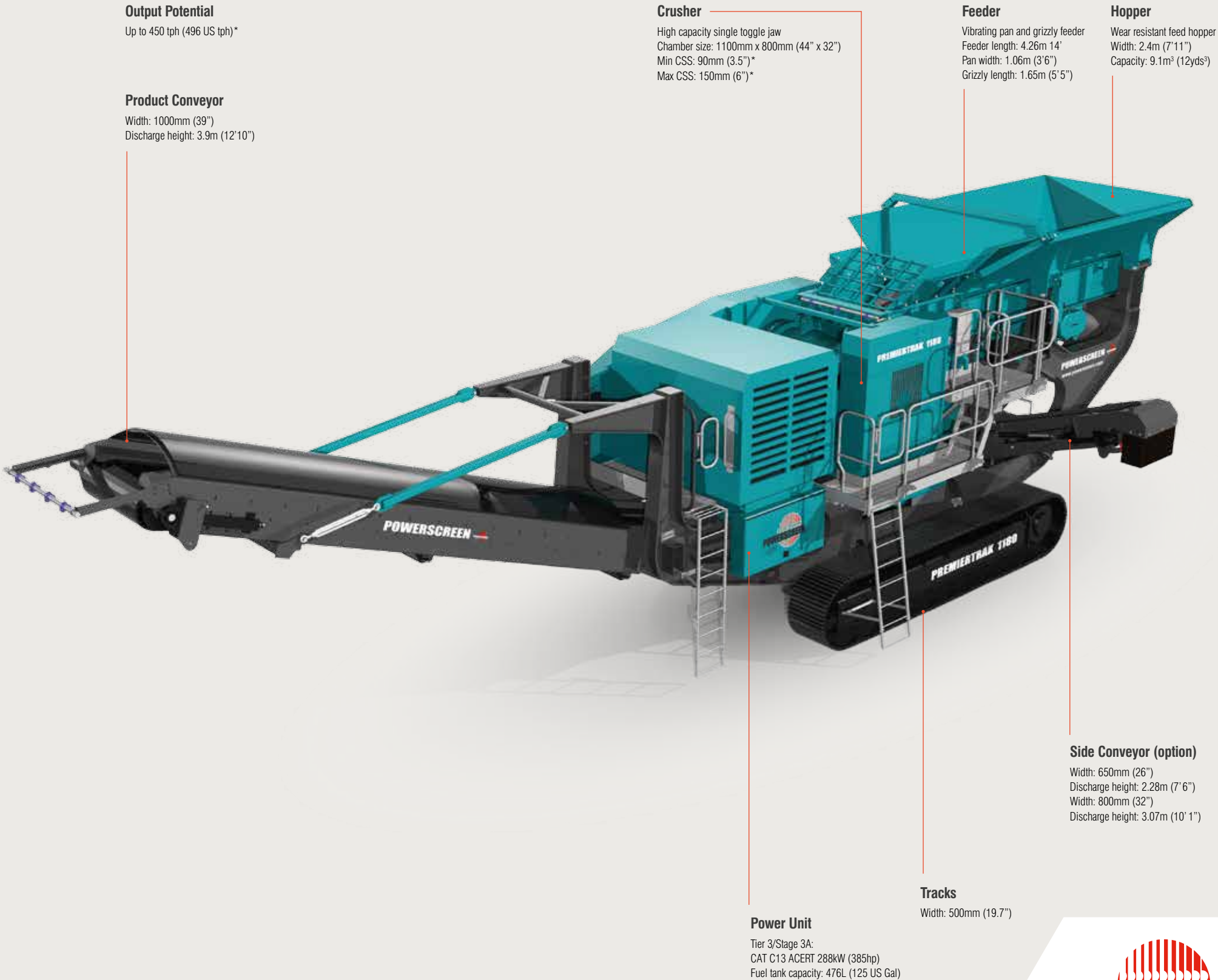
 - Grizzly bars
 - 600mm (2') wide hydraulically folding side conveyor
 - 800mm (2'6") side conveyor (has to be removed for transport)
 - Single pole/twin pole magnet
 - Belt weigher
 - Electric refuelling pump
 - Hydraulically driven water pump
 - Radio remote control
 - Deflector plate under crusher
 - Wire mesh for underscreen
- Applications**

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

1180 PREMIERTRAK	
Weight (Est)	56,650kg (124,892lbs) with side conveyor
Transport width	2.97m (9'9")
Transport length	16.6m (54'6")
Transport height	3.8m (12'6")
Working width	2.97m (9'9") 4.2m (13'8") with 600mm (24") side conveyor
Working length	16.6m (54'6")
Working height	4.45m (14'7")



*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 4/Stage 3B, Tier 4F / Stage 4).



PREMIERTRAK 600/600E

The Powerscreen® Premiertrak 600 range of high performance primary jaw crushing plants are designed for large and medium scale operators in quarrying, demolition, recycling & mining applications. The range includes the Premiertrak 600 & Premiertrak 600E both equipped with the advanced high performance 1200mm x 820mm Terex chamber. Built for the toughest of applications, the robust construction and modern design of the Premiertrak 600 ensures optimum performance, reliability and efficiency.

The Premiertrak 600E comes complete with an on-board diesel generator. The machine can be powered from this, or from an external power supply. There is sufficient excess power available to run a second machine such as a screener. This versatility along with the electrically driven crusher and conveyors makes the Premiertrak 600E highly efficient, economical and environmentally friendly.

- Features & Benefits**

 - Ground level quick set-up with hydraulic folding feed hopper with hydraulic locking system
 - Heavy duty wear resistant feed hopper
 - Stepped self-cleaning grizzly feeder with under feeder screen
 - Wide bypass chute to optimise material flow
 - Aggressive crushing action with high swing jaw encouraging material entry into crushing chamber
 - Fully hydraulic crusher setting adjustment
 - Excellent under crusher access for removal of wire with hydraulic raise lower product conveyor
 - Angle adjustable product conveyor, lowers for access & transport
 - Low fuel consumption due to highly efficient direct drive system and low engine RPM
 - Easily accessed power-unit canopy
 - Modern & user-friendly PLC control system with auto start facility
 - Remote control via umbilical
 - Dust suppression system
- Options**

 - Pre-screen system
 - Wire mesh for underscreen (standard)
 - Quarry tooth, pyramid tooth or heavy duty fixed jaw plates
 - Deflector plate under crusher
 - Side conveyor
 - Single pole overband magnetic separator
 - Twin pole overband magnetic separator
 - Belt weigher
 - Electric refuelling pump
 - Electric urea pump
 - Hydraulic water pump
 - Radio remote control
 - Stockpiler drive (Tier 4 machines only)
- Applications**

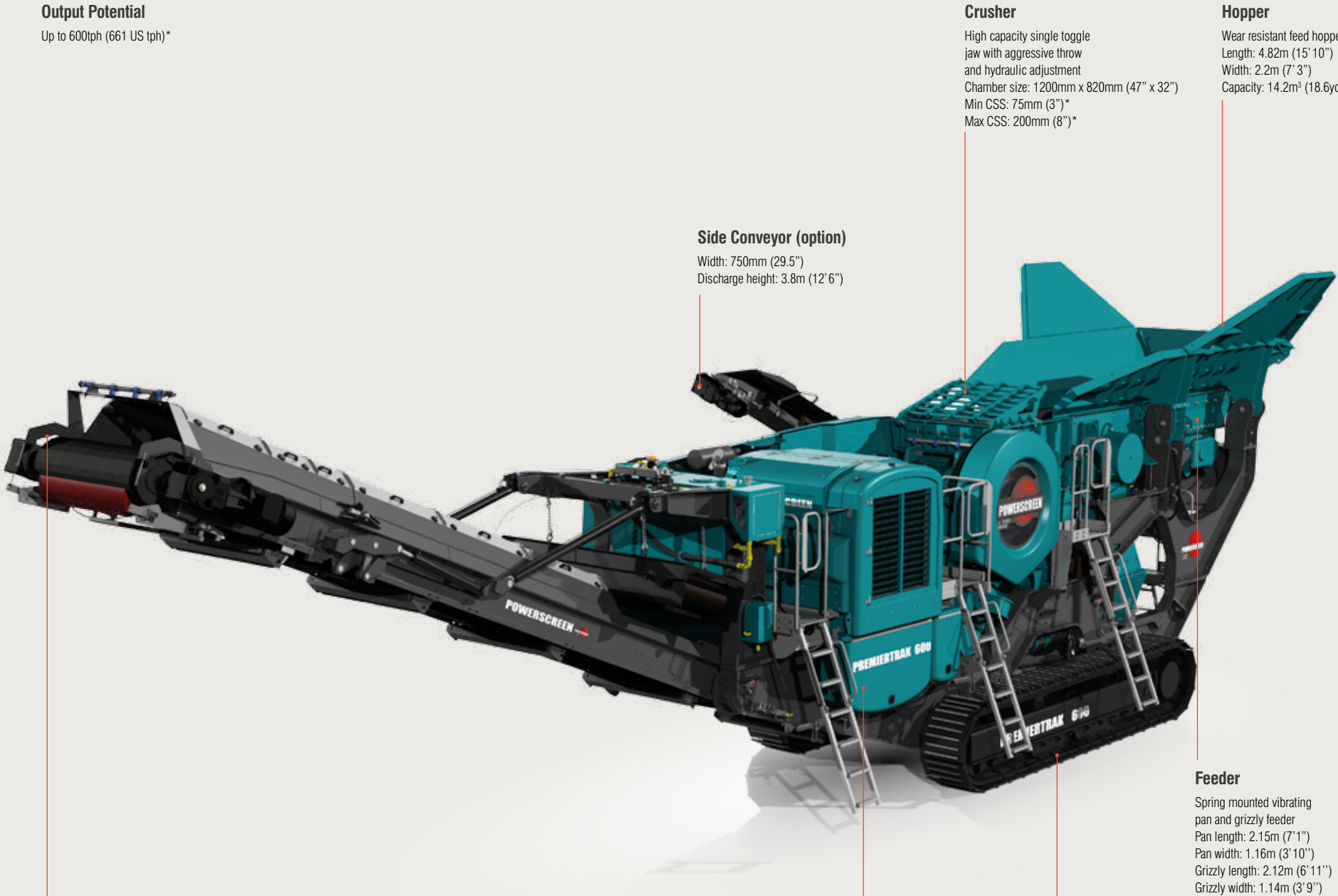
 - Sand & gravel
 - Blasted rock
 - River rock
 - C & D waste
 - Overburden
 - Foundry waste
 - Processed ores
 - Processed minerals

PREMIERTRAK	600	600E
Weight (est.) with side conveyor & magnet	69,500kg (153,221lbs)	72,500kg (159,835lbs)
Transport width	3m (9' 10")	3.12m (10' 3")
Transport length	17.1m (56' 1")	17.1m (56' 1")
Transport height	3.8m (12' 5")	3.8m (12' 5")
Working width with side conveyor	8.05m (26' 5")	8.05m (26' 5")
Working length	16.63m (54' 7")	16.63m (54' 7")
Working height	4.49m (14' 9")	4.49m (14' 9")



*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 4/Stage 3B, Tier 4F / Stage 4).

Output Potential
Up to 600tph (661 US tph)*



Product Conveyor
Width: 1200mm (47")
Discharge height: 4m (13' 1")
Discharge height: 4.6m (15' 1") (extended conveyor option)

Side Conveyor (option)
Width: 750mm (29.5")
Discharge height: 3.8m (12' 6")

Power Unit
Premiertrak 600 (Direct Drive)
Tier 3/Stage 3A:
CAT C13 328kW (440hp)
Tier 4 Final/Stage 4:
Scania DC13 84A 331kW (444hp)
Fuel tank capacity: 750L (198 US Gal)

Premiertrak 600E (Electric Drive)
Tier 2/Stage 2:
Scania DC13 74A 331kW (444hp)
Tier 4 Final/Stage 4:
Scania DC13 85A 331kW (444hp)
Fuel tank capacity: 750L (198 US Gal)

Tracks
Width: 500mm (19.7")

Crusher
High capacity single toggle jaw with aggressive throw and hydraulic adjustment
Chamber size: 1200mm x 820mm (47" x 32")
Min CSS: 75mm (3")*
Max CSS: 200mm (8")*

Hopper
Wear resistant feed hopper
Length: 4.82m (15' 10")
Width: 2.2m (7' 3")
Capacity: 14.2m³ (18.6yd³)

Feeder
Spring mounted vibrating pan and grizzly feeder
Pan length: 2.15m (7' 1")
Pan width: 1.16m (3' 10")
Grizzly length: 2.12m (6' 11")
Grizzly width: 1.14m (3' 9")



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

Options

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

Applications

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

Output Potential

Up to 230tph (253 US tph) *

Product Conveyor

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

Crusher

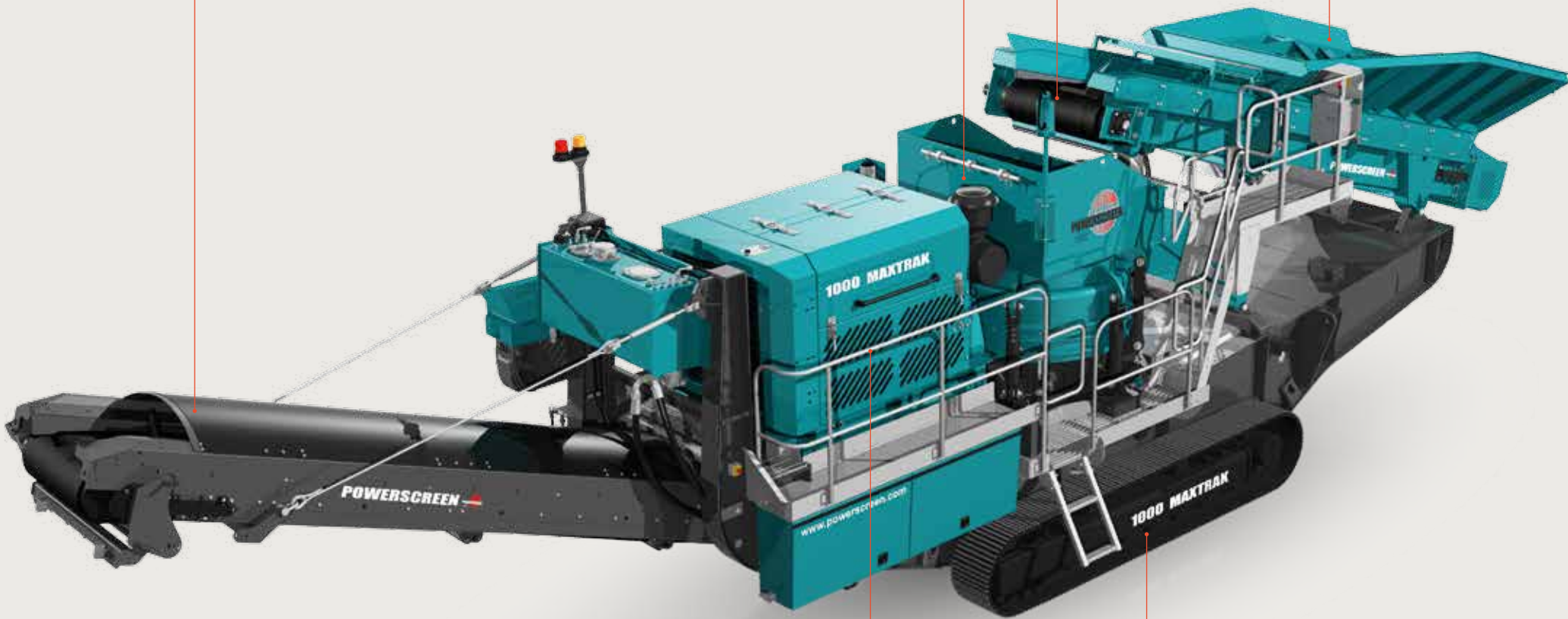
Automax® cone crusher with all roller bearing design
Size (head diameter): 1000mm (39")
Concave standard: Medium coarse
Min CSS: 18mm (0.7")*
Max CSS: 36mm (1.4")*

Feed Conveyor

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

Hopper

Wear resistant feed hopper
Length: 3.38m (11' 1")
Width: 2.5m (8' 2")
Capacity: 4.4m³ (5.8yds³)



1000 MAXTRAK

Weight (Est)	31,800kg (70,100lbs)
Transport width	2.8m (9'2")
Transport length	14.5m (47'7")
Transport height	3.45m (11'4")
Working width	2.8m (9'2")
Working length	14.5m (47'7")
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 4/Stage 3B, Tier 4F / Stage 4).

Power Unit

Tier 3/Stage 3A:
CAT C9 ACERT 242kW (325hp)
Fuel tank capacity: 552L (137 US Gal)
Tier 4 Final/Stage 4:
Scania DC9 83A 257kW (350hp)
Fuel tank capacity: 650L (171 US Gal)

Tracks

Width: 400mm (15.7")

1000SR

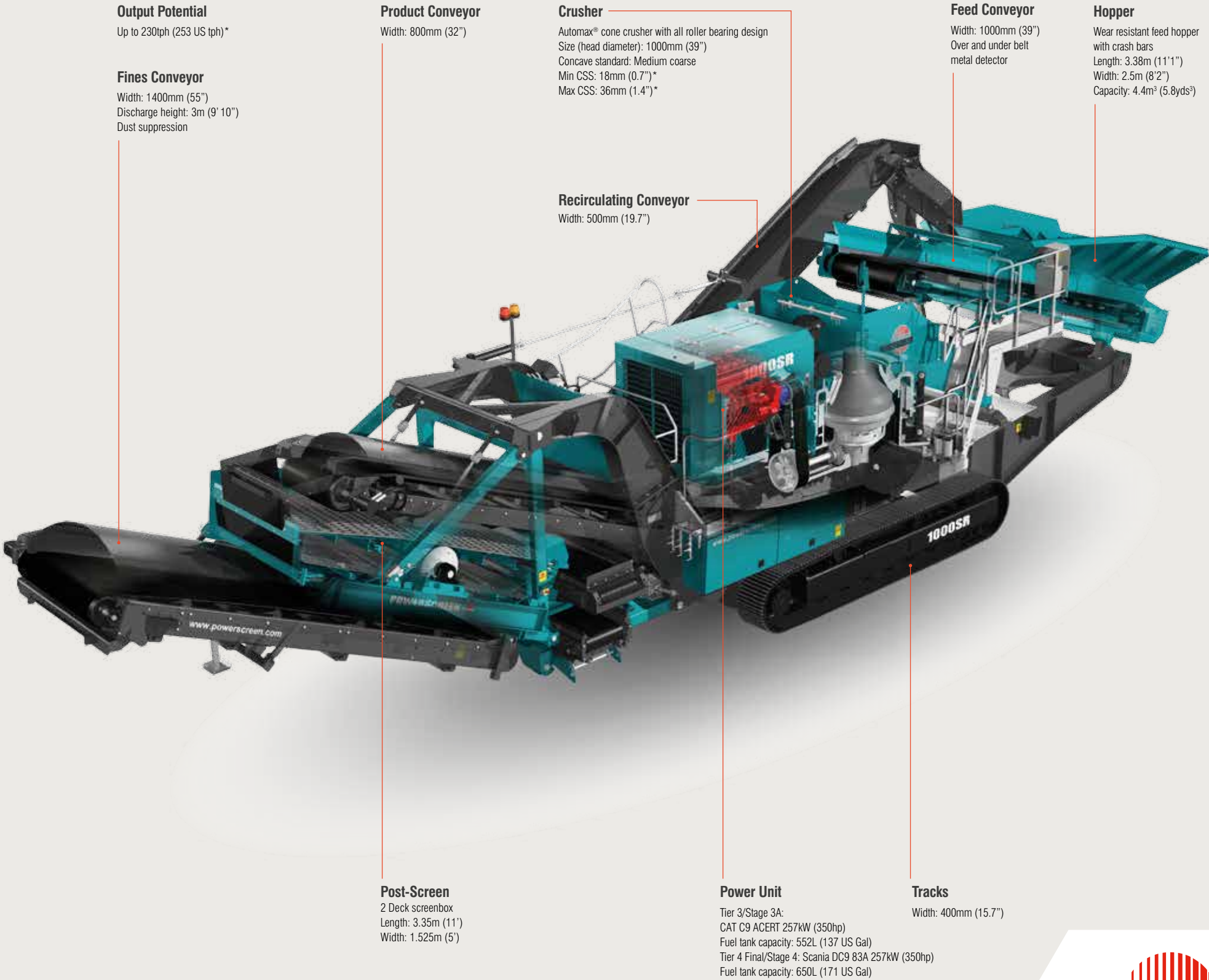
The Powerscreen® 1000SR is built around the successful 1000 Maxtrak model and features a re-circulating conveyor and a double-deck post-screen to provide a complete crushing and screening process on a single chassis. The machine is designed for direct feed applications without pre-screening on clean 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. Patent Publication Numbers: GB 2386848; US 6877610. Patent Pending in Germany, Application Number: DE 10305589.4
 - Suitable for re-circulating oversized material
- Options**

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

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



1000SR	
Weight (Est)	38,500kg (84,900lbs)
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 4/Stage 3B, Tier 4F / Stage 4).

1150 MAXTRAK

The high performance Powerscreen® 1150 Maxtrak is a 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
- Direct drive – Increased fuel efficiency and reduced operating costs

Options

- Concaves: extra coarse, medium coarse, fine
- Short throw eccentric
- Camera over crusher
- Feed hopper extension plates
- Product conveyor dust covers
- Product conveyor stockpile sensor
- Product conveyor belt weigher
- Cold climate oils
- Hot climate oils
- Hot climate coolers
- Urea re-fuelling pump
- Diesel re-fuelling
- Hydraulic water pump
- Radio remote control
- Lighting mast
- Control panel positive air pressurization

Applications

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

Output Potential

Up to 300tph (330 US tph) *

Product Conveyor

Width: 1000mm (39")
Discharge height: 3.26m (10'8")

Crusher

Automax® cone crusher with all roller bearing design
Size (head diameter): 1150mm (45")
Concave standard: Medium coarse
Min CSS: 18mm (0.7")*
Max feed size: 180mm (7.1")*

Hopper

Wear resistant feed hopper with crash bars
Length: 3.5m (11'6")
Width: 2.3m (7'6")
Capacity: 6m³ (7.8yds³)



1150 MAXTRAK

Weight (Est)	42,900kg (94,578lbs) (no options)
Transport width	3m (9'10")
Transport length	16.9m (55'5")
Transport height	3.6m (11'10")
Working width	4.9m (16'1")
Working length	15.8m (51'10")
Working height	5.5m (18'1")



*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 4/Stage 3B, Tier 4F / Stage 4).

Power Unit

Tier 3/Stage 3A:
CAT C13 ACERT 328kW (440hp)
Tier 4 Final/Stage 4:
Scania DC13 84A 331kW (444hp)
Fuel tank capacity: 1000L (264 US gal)

Feed Conveyor

Width: 1200mm (47")
Over and under belt
metal detector

Tracks

Width: 500mm (19.7")



1150 MAXTRAK PRE-SCREEN

The Powerscreen® 1150 Maxtrak Pre-Screen is a high performance, medium sized track mobile cone crusher with an independent pre-screening system. At the heart of the Maxtrak is the Automax® cone crusher with hydraulic setting, tramp release & unblocking system. Its unique crushing action provides excellent capacity, high reduction & good product cubicity for the production of high quality aggregate & sub-base materials. The added pre-screen option allows a sized product or dirt to be removed from the feed prior to entering the cone, thus maximising output capacity and quality. The 1150 Maxtrak Pre-Screen features a patent pending hydraulic folding system which allows for rapid conversion between pre-screen and direct feed configurations providing unrivalled versatility. A level probe over the feed ring regulates the feed belt to ensure the cone chamber is choke fed, essential for maximum reduction, manganese life & optimal product shape.

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
- Direct drive – Increased fuel efficiency and reduced operating costs
- Patent pending hydraulic folding system provides rapid conversion between pre-screen and direct feed configurations

Options

- Concaves: extra coarse, medium coarse, fine
- Short throw eccentric
- Camera over crusher
- Feed hopper extension plates
- Product conveyor dust covers
- Product conveyor stockpile sensor
- Product conveyor belt weigher
- Cold climate oils
- Hot climate oils
- Hot climate coolers
- Urea re-fuelling pump
- Diesel re-fuelling
- Hydraulic water pump
- Radio remote control
- Lighting mast
- Control panel positive air pressurization

Applications

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

1150 MAXTRAK PRE-SCREEN

Weight (Est)	51,020kg (112,479lbs)
Transport width	3m (9'10")
Transport length	17.62m (57'10")
Transport height	3.8m (12'6")
Working width	6.85m (22'6")
Working length	19.02m (62'5")
Working height	5.1m (16'9")



*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 4/Stage 3B, Tier 4F / Stage 4).

Output Potential

Up to 330tph (364 US tph)*

Product Conveyor

Width: 1000mm (39")
Discharge height: 3.26m (10'8")

Independent Pre-Screen

Single deck hydraulically folding pre-screen
Length: 3.5m (11'6")
Width: 2.3m (7'6")
Capacity: 6m³ (7.8yds³)

Crusher

Automax® cone crusher
with all roller bearing design
Size (head diameter): 1150mm (45")
Concave standard: Medium coarse
Min CSS: 18mm (0.7")*
Max feed size: 180mm (7.1")*

Feed Conveyor

Width: 1200mm (47")
Over and under belt
metal detector

Hopper

Wear resistant feed
hopper with crash bars
Length: 3.5m (11'6")
Width: 2.3m (7'6")
Capacity: 6m³ (7.8yds³)



Pre-Screen
Side Conveyor

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

Power Unit

Tier III/Stage 3A: CAT C13 328kW
(440hp) (Direct drive)
Tier 4 Final/Stage 4: Scania DC13 331kW
(444hp) (Direct drive)
Fuel tank capacity: 1000L (264 US Gal)

Tracks

Width: 500mm (19.7")
2 Speed tracking



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

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

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

Output Potential
Up to 350tph (386 US tph)*

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)



1300 MAXTRAK	
Weight (Est)	47,965kg (105,745lbs)
Transport width	3m (9'10")
Transport length	15.35m (50'4")
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 4/Stage 3B, Tier 4F / Stage 4).

Power Unit
Tier 3/Stage 3A:
CAT C13 ACERT 328kW (440hp)
Tier 4 Final/Stage 4:
Scania DC13 84A 331kW (444hp)
Fuel tank capacity: 1000 L (264 US Gal)

Tracks
Width: 500mm (19.7")



1500 MAXTRAK

The Powerscreen® 1500 Maxtrak is one of the largest mobile cone crushers on the market. Specifically developed for larger users, The plant can accept an all in feed from a primary crusher and has been specifically developed for operators processing large volumes of material.

With the Powerscreen® 1500 Automax® cone crusher, operators benefit from hydraulic overload protection, a large throughput, excellent product cubicity and a high reduction ratio.

Features & Benefits

- Renowned Automax® crusher technology
- Excellent product shape
- Accepts clean all in feed
- High reduction ratio
- Cone feed box level control to maintain choke feeding
- Hydraulic crusher setting
- Cone overload protection
- Heavy duty chassis and track frame
- Large feed hopper with folding sides, wear resistant liners and crash box
- Feed conveyor folds for maintenance, remove for transport
- Metal detector comes with contaminated material dump facility
- Dust suppression system
- Electric refuelling pump
- Plant lighting
- User friendly and intelligent PLC control system
- Economical to operate with a fuel efficient direct crusher drive via wet clutch

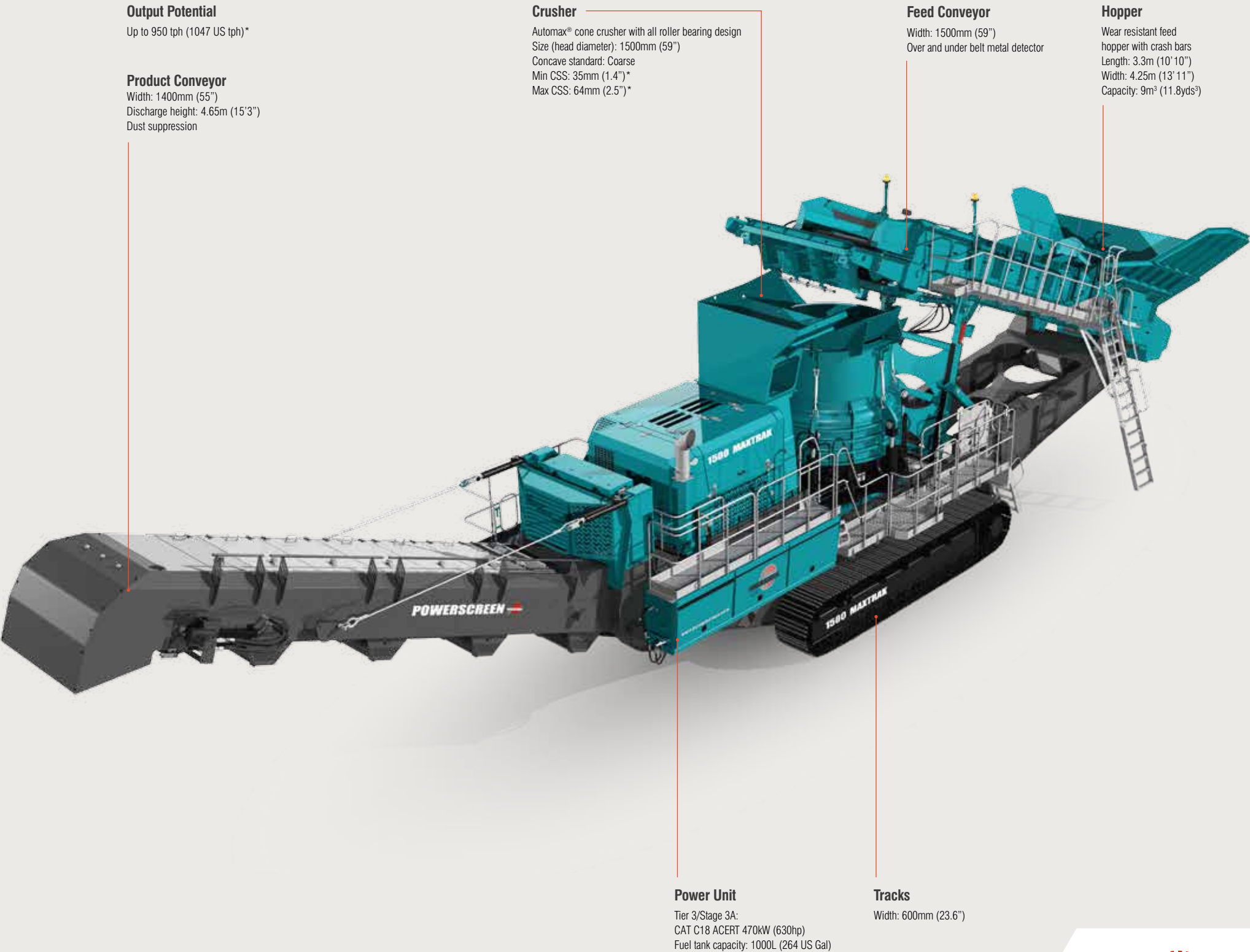
Options

- Fine concave
- Product conveyor belt weigher
- Hydraulic water pump
- Radio remote control
- Crusher mounted camera – displayed on control panel

Feed conveyor transported separately.
Weight 12,000kg (26460lbs)

Applications

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



Output Potential

Up to 950 tph (1047 US tph)*

Product Conveyor

Width: 1400mm (55")
Discharge height: 4.65m (15'3")
Dust suppression

Crusher

Automax® cone crusher with all roller bearing design
Size (head diameter): 1500mm (59")
Concave standard: Coarse
Min CSS: 35mm (1.4")*
Max CSS: 64mm (2.5")*

Feed Conveyor

Width: 1500mm (59")
Over and under belt metal detector

Hopper

Wear resistant feed hopper with crash bars
Length: 3.3m (10'10")
Width: 4.25m (13'11")
Capacity: 9m³ (11.8yds³)

Power Unit

Tier 3/Stage 3A:
CAT C18 ACERT 470kW (630hp)
Fuel tank capacity: 1000L (264 US Gal)

Tracks

Width: 600mm (23.6")

1500 MAXTRAK

Weight (Est)	89,000kg (196,211lbs) Complete plant
Transport width	3.5m (11'6")
Transport length	22m (72'6")
Transport height	3.85m (12'8")
Working width	5.1m (16'9")
Working length	23.9m (79'9")
Working height	6.2m (20'8")



*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 4/Stage 3B, Tier 4F / Stage 4).



TRAKPACTOR 260

The Powerscreen® Trakpactor 260 horizontal shaft impactor is a compact track mobile crusher designed for the recycling and demolition markets. Capable of processing a wide range of material at a high output, the plant is versatile, easy to operate and fuel efficient due to its direct drive system.

Featuring the Powerscreen® Trakpactor 260 fixed hammer horizontal impactor, the plant offers users both excellent reduction and a high consistency of product shape alongside key features such as hydraulic overload protection.

Features & Benefits

- Replaceable tine bar cartridge style grizzly feeder
- Load management system to control feeder speed
- Crusher chamber: Patented hydraulic overload protection and adjustment system. Patent Publication Numbers: GB 2455203; US 8033489. Patent Pending in Germany, Application Number: DE 10 2008 044 1953
- 4 Bar rotor and twin apron design
- Economical to operate with HPTO clutch & highly fuel efficient direct drive system
- Crusher speed and conveyor height controlled with user-friendly PLC system
- Modular conveyor with raise/lower facility to aid clearance of rebar
- Dust suppression system

Options

- Full and half size chrome, martensitic and ceramic blow bars
- 4 full size hammers in lieu of 2 full & 2 half hammers
- Various tine bar apertures
- Grizzly blanking mats
- Wire mesh for underscreen
- Single pole/twin pole magnet
- Belt scale
- Side conveyor
- Electric refuelling pump
- Plant lighting
- Radio remote control
- Hot/cold climate oil kits
- Blow bar removal tool
- Control panel positive pressurisation
- Fully independent under crusher vibrating pan feeder

Applications

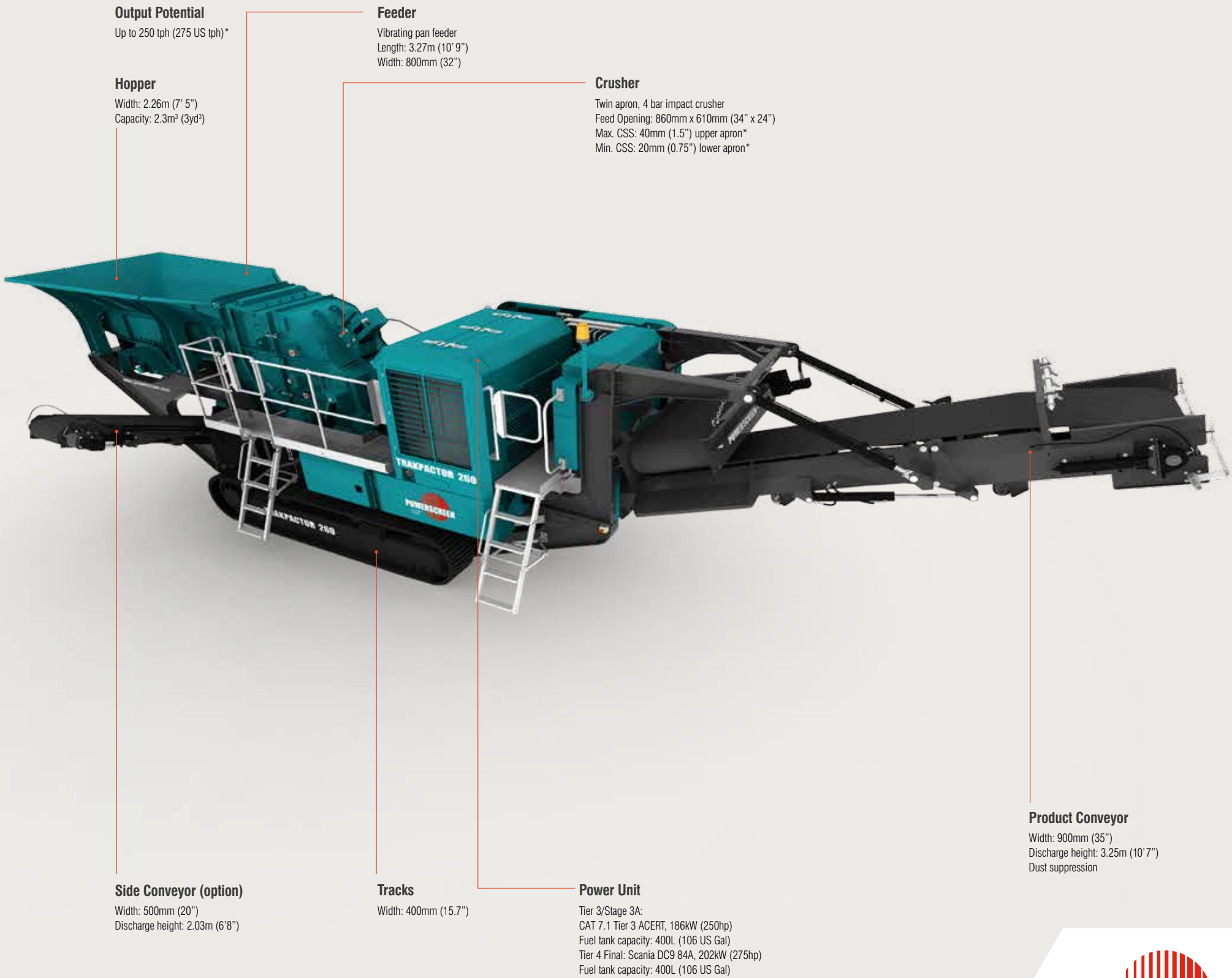
- Blasted rock
- River rock
- C & D waste
- Foundry waste
- Processed ores
- Processed minerals

TRAKPACTOR 260

Weight (Est)	27,000kg (59,525lbs) with side conveyor & magnet
Transport width	2.5m (8'2")
Transport length	12.05m (39'6")
Transport height	3.2m (10'6")
Working width	4m (13'1") with side conveyor
Working length	13.4m (43'11")
Working height	3.6m (11'10")



*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 4/Stage 3B, Tier 4F / Stage 4).



TRAKPACTOR 260SR

The Powerscreen® Trakpactor 260SR horizontal shaft impactor is a compact track mobile crusher designed for the recycling and demolition markets. Capable of processing a wide range of material at a high output, the plant is versatile, easy to operate and fuel efficient due to its direct drive system.

Featuring the Powerscreen® Trakpactor 260SR fixed hammer horizontal impactor, the plant offers users both excellent reduction and a high consistency of product shape alongside key features such as hydraulic overload protection.

Features & Benefits

- Replaceable tine bar cartridge style grizzly feeder
- Load management system to control feeder speed
- Crusher chamber: Patented hydraulic overload protection and adjustment system. Patent Publication Numbers: GB 2455203; US 8033489. Patent Pending in Germany, Application Number: DE 10 2008 044 1953
- 4 Bar rotor and twin apron design
- Economical to operate with HPTO clutch & highly fuel efficient direct drive system
- Crusher speed and conveyor height controlled with user-friendly PLC system
- Modular conveyor with raise/lower facility to aid clearance of rebar
- Dust suppression system
- Quick-detach post-screen to convert to standard Trakpactor 260
- Recirculating conveyor

Options

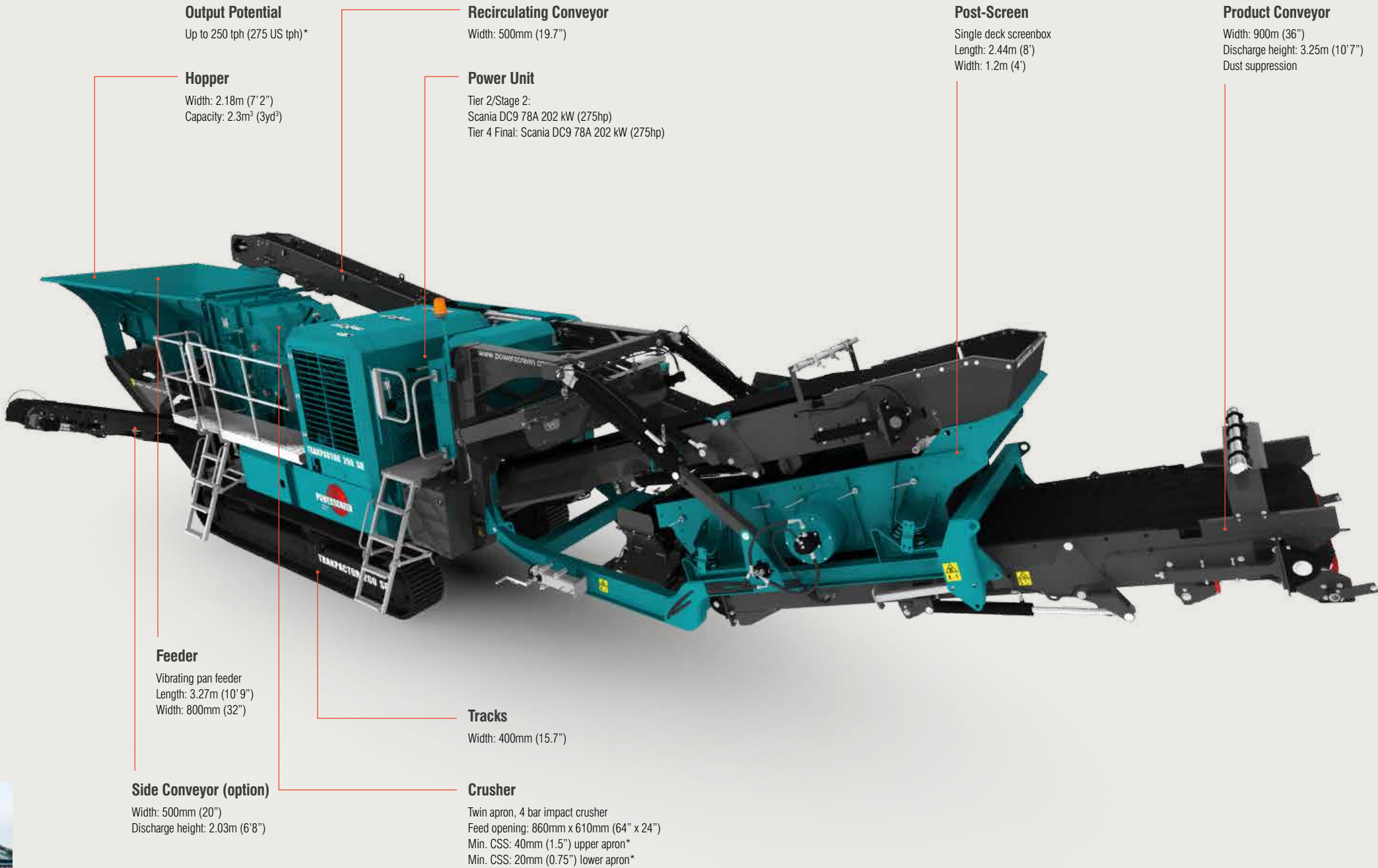
- Full and half size chrome, martensitic and ceramic blow bars
- 4 full size hammers in lieu of 2 full & 2 half hammers
- Various tine bar apertures
- Grizzly blanking mats
- Wire mesh for underscreen
- Single pole/twin pole magnet
- Belt scale
- Side conveyor
- Electric refuelling pump
- Plant lighting
- Radio remote control
- Hot/cold climate oil kits
- Blow Bar removal tool
- Control panel positive pressurisation
- Fully independent under crusher vibrating pan feeder

Applications

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

TRAKPACTOR 260SR

Weight (Est)	33,480kg (73,810lbs) with side conveyor & magnet
Transport width	3m (9'10")
Transport length	14.8m (48'6")
Transport height	3.2m (10'6")
Working width	5.5m (18') with side conveyor
Working length	15.8m (51'10")
Working height	3.86m (12'7")



*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 4/Stage 3B, Tier 4F / Stage 4).

TRAKPACTOR 320

The Powerscreen® Trakpactor 320 is a mid-sized horizontal impact crusher with a fully independent hydraulic driven pre-screen. It has been designed to offer operators and contractors both excellent reduction and high consistency of product shape for performance in quarry and recycling applications while also improving fines removal and reduce chamber wear costs for the customer. With track mobility the plant is capable of working in the most demanding environments and features a rapid set-up time, fuel efficient direct drive system and excellent throughput capacity.

Features & Benefits

- Suitable for a variety of feed materials including recycling, demolition & quarry applications
- Crusher chamber: Patented hydraulic overload protection and adjustment system. Patent Publication Numbers : GB 2455203; US 8033489. Patent Pending in Germany, Application Number: DE 10 2008 044 1953
- Bolt in cartridge grizzly – 42mm nominal spacing
- Load management system to control feeder speed
- 4 Bar rotor & twin apron design
- Crusher speed variation through user friendly PLC control system
- Modular conveyor with raise/lower facility to aid clearance of rebar
- Economical to operate with a highly fuel efficient direct drive system
- Double deck grizzly feeder with under screen

Options

- Full & half size chrome, martensitic, austenitic & ceramic blow bars
- Grizzly cartridges
- Independent hydraulic pre-screen with hydraulic folding and locking hopper. Patent Application Number: DE 10 2008 044 195.3; GB 1119480
- Underpan feeder
- Pre-screen cassettes – punch plate and grizzly
- Punch plate options
- Blanking plates/mats for grizzly
- Wire mesh for feeder underscreen
- Single pole/twin pole magnet
- Belt scale
- Refuelling pump
- Hydraulic water pump
- Radio remote control
- Dust hood on product conveyor
- Plant lighting
- Hopper extensions
- Side conveyor & extended side conveyor. Patent Application Number: 1118144.3
- Extended product conveyor

Applications

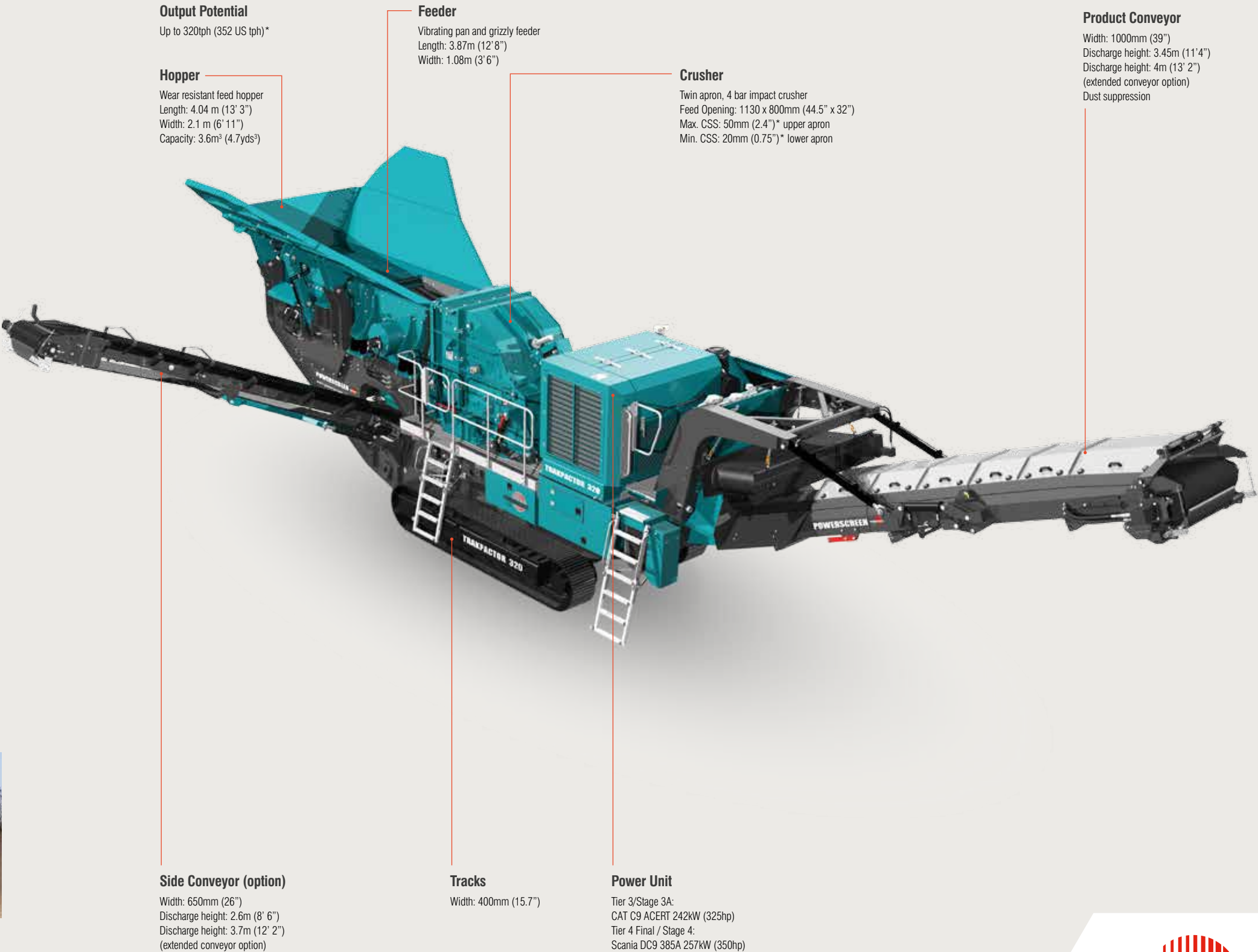
- Blasted rock
- River rock
- C & D waste
- Foundry waste
- Processed ores
- Processed minerals

TRAKPACTOR 320

Weight (Est)	33,200kg (73,193lbs)
Transport width	2.55m (8'4")
Transport length	14.78m (48'6")
Transport height	3.46m (11'4")
Working width	5.61m (18'5") with side conveyor
Working length	14.36m (47'1")
Working height	3.9m (12'10")



*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 4/Stage 3B, Tier 4F / Stage 4).



TRAKPACTOR 320SR

The Trakpactor 320SR is a mid-sized horizontal impact crusher redesigned with some key enhancements to offer operators and contractors excellent reduction and high consistency of product shape for performance in quarry and recycling applications.

The plant is capable of working in the most demanding environments and features rapid set-up time, fuel efficient direct drive system and excellent output potential of up to 320 tph (352 US tph). The plant features a quick-detach post-screen section which converts it to a standard Trakpactor 320 unit. Another key feature is the recirculating conveyor which raises for transport allowing more ground clearance under the machine when moving on site and while loading for transport.

- Features & Benefits**

 - Crusher chamber: Patented hydraulic overload protection and adjustment system. Patent Publication Numbers : GB 2455203; US 8033489. Patent Pending in Germany, Application Number : DE 10 2008 044 1953
 - Bolt in cartridge grizzly – 42mm nominal spacing
 - Load management system to control feeder speed
 - Crusher speed variation through user friendly PLC control system
 - Modular conveyor with raise/lower facility to aid clearance of rebar
 - Economical to operate with a highly fuel efficient direct drive system
 - Patented double deck post-screen. Patent Publication Numbers: GB 2386848; US 6877610. Patent Pending in Germany, Application Number: DE 10305589.4
 - Quick-detach post-screen to convert to standard Trakpactor 320
 - Recirculating conveyor with hydraulic raise for transport
 - Hydraulically assisted CSS adjustment
 - 4 Bar rotor & twin apron impactor chamber
- Options**

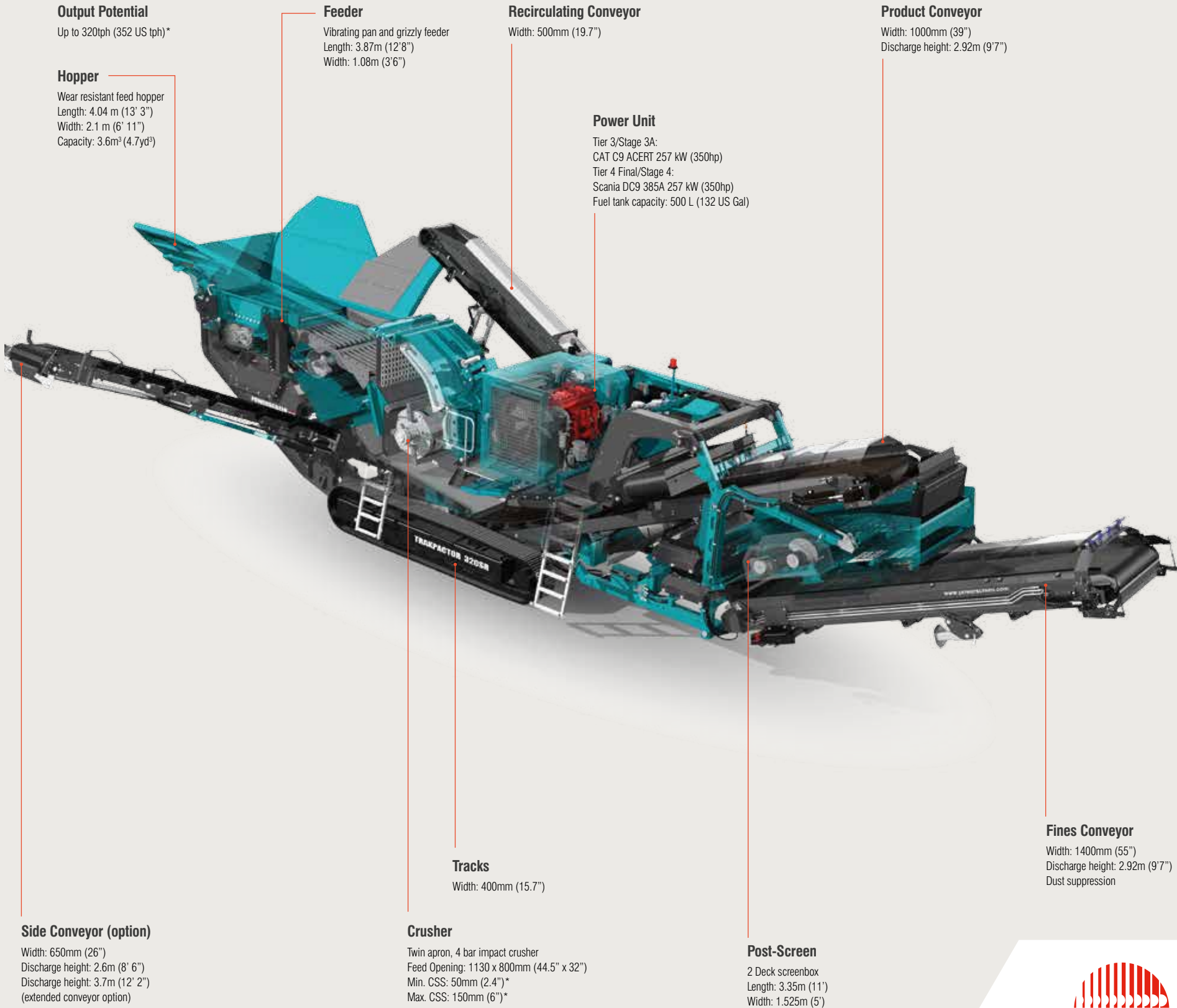
 - Full & half size chrome, martensitic, austenitic & ceramic blow bars
 - Grizzly cartridges
 - Independent hydraulic pre-screen with hydraulic folding & locking hopper. Patent Application Number: DE 10 2008 044 195.3; GB 1119480
 - Pre-screen cassettes – punch plate & grizzly
 - Punch plate options
 - Blanking plates/mats for grizzly
 - Wire mesh for feeder underscreen
 - Single pole/twin pole magnet
 - Belt scale
 - Refuelling pump
 - Hydraulic water pump
 - Radio remote control
 - Plant lighting
 - Hopper extensions
 - Side conveyor & extended Side conveyor. Patent Application Number: 1118144.3
 - Extended product conveyor
 - Grinding path
 - Hydraulically folding mid-grade conveyor
 - Hydraulic overload protection
- Applications**

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

TRAKPACTOR 320SR

Weight (Est)	44,300kg (97,665lbs) (Vibrating Grizzly Feeder) 46,000kg (101,412lbs) (Pre-Screen)
Transport width	3.1m (10'2")
Transport length	17.58m (57'8")
Transport height	3.44m (11'2")
Working width	5.82m (19'1") with side conveyor
Working length	17.22m (56'6")
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 4/Stage 3B, Tier 4F / Stage 4).



TRAKPACTOR 500

The Powerscreen® Trakpactor 500 is a horizontal shaft impactor which is versatile, efficient and highly productive. It offers both excellent reduction and a high consistency of product yield in quarrying, recycling and demolition applications. The machine is ideally suited to contract crushing due to its high productivity and ease of setup, operation and maintenance.

Features & Benefits

- Suitable for a variety of feed materials including recycling, demolition & quarry applications
- Load management system to control feeder speed
- Double deck grizzly feeder with under screen
- Impact crusher with hydraulic overload protection
- 4 Bar rotor with twin apron design
- Crusher speed variation through user friendly PLC control system
- Modular conveyor with raise/lower facility to aid clearance of rebar
- Economical to operate with a chamber drive via clutch & highly fuel efficient direct drive system
- Hydraulically folding recirculation conveyor, no crane required during set-up (Trakpactor 500SR)
- Full length conveyor “under belt version”

Options

- Full & half size martensitic, austenitic, chrome, ceramic blow bars
- Vibrating grizzly feeder
- 4 Full size blow bars in lieu of 2 full 2 half blow bars
- Blow bar crane
- Wire mesh for grizzly underscreen
- Optical belt scale
- Single pole/twin pole magnet
- Side conveyor
- Electric refuelling pump
- Hydraulic driven water pump
- Radio remote control
- 2 Deck live pre-screen
- Single deck post-screen. Patent Application Number: DE 10305589.4 (Trakpactor 500SR)
- Plant lighting
- Fully independent under crusher vibrating pan feeder

Applications

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

TRAKPACTOR 500

Weight (Est)	56,000kg (123,500lbs) with side conveyor & magnet
Transport width	3m (9'10")
Transport length	17.3m (56'8")
Transport height	3.8m (12'6")
Working width	3m (9'10") 7m (23') with side conveyor
Working length	17m (56')
Working height	4.1m (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 4/Stage 3B, Tier 4F / Stage 4).

Output Potential

Up to 500tph (550 US tph)*

Hopper

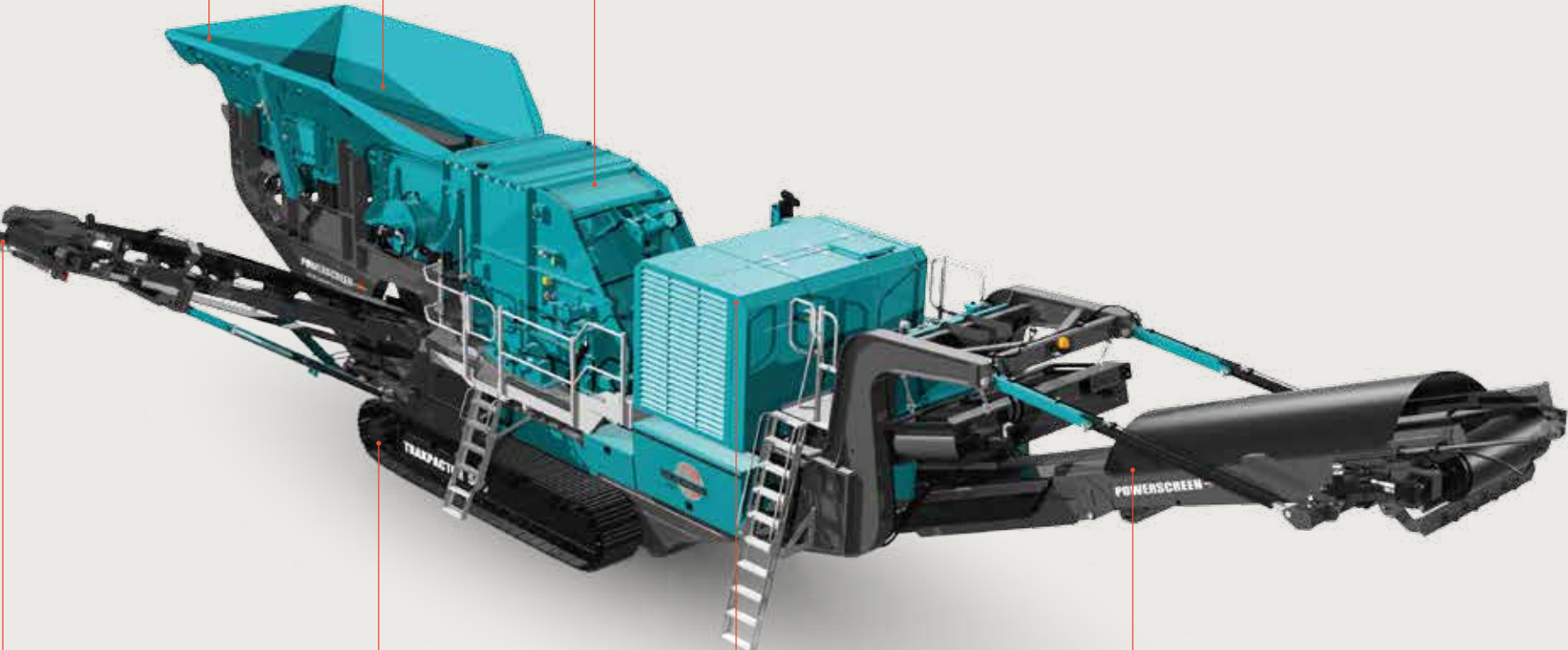
Wear resistant feed hopper
Length: 4.96m (16' 3")
Width: 2.62m (8' 7")
Capacity: 7m³ (9.2yds³)

Feeder

Vibrating pan and grizzly feeder
Length: 4.26m (14')
Width: 1.38m (4' 6")
Grizzly length: 2m (6' 6")

Crusher

Twin apron, 4 bar impact crusher
Feed Opening: 1360 x 800mm (53" x 32")
Min. CSS: 35mm (1.4")* lower apron
Max. CSS: 75mm (3")* upper apron



Side Conveyor (option)

Width: 800mm (32")
Discharge height: 3.6m (11' 10")

Tracks

Width: 500mm (19.7")

Power Unit

Tier 3/Stage 3A:
CAT C13 ACERT 328kW (440hp)
Tier 4 Final/Stage 4:
Scania DC13 385A 368kW (500hp)
Fuel tank capacity: 700L (185 US Gal)

Product Conveyor

Width: 1200mm (47")
Discharge height: 4.16m (13' 9")



TRAKPACTOR 500SR

The Powerscreen® Trakpactor 500 is a horizontal shaft impactor which is versatile, efficient and highly productive. It offers both excellent reduction and a high consistency of product yield in quarrying, recycling and demolition applications. The machine is ideally suited to contract crushing due to its high productivity and ease of setup, operation and maintenance.

The Trakpactor 500SR offers further versatility in operation with a screen recirculating conveyor which returns oversized product to the crusher for further reduction and a double deck post-screen for fine-sizing.

Features & Benefits

- Suitable for a variety of feed materials including recycling, demolition & quarry applications
- Load management system to control feeder speed
- Double deck grizzly feeder with under screen
- Impact crusher with hydraulic overload protection
- 4 Bar rotor with twin apron design
- Crusher speed variation through user friendly PLC control system
- Modular conveyor with raise/lower facility to aid clearance of rebar
- Economical to operate with a chamber drive via clutch & highly fuel efficient direct drive system
- Hydraulically folding recirculation conveyor, no crane required during set-up (Trakpactor 500SR)
- Full length conveyor "under belt version"

Options

- Full & half size martensitic, austenitic, chrome, ceramic blow bars
- Vibrating grizzly feeder
- 4 Full size blow bars in lieu of 2 full 2 half blow bars
- Blow bar crane
- Wire mesh for grizzly underscreen
- Optical belt scale
- Single pole/twin pole magnet
- Dirt conveyor
- Electric refuelling pump
- Hydraulic driven water pump
- Radio remote control
- 2 Deck live pre-screen
- Single deck post-screen. Patent Application Number: DE 10305589.4 (Trakpactor 500SR)
- Plant lighting
- Fully independent under crusher vibrating pan feeder

Applications

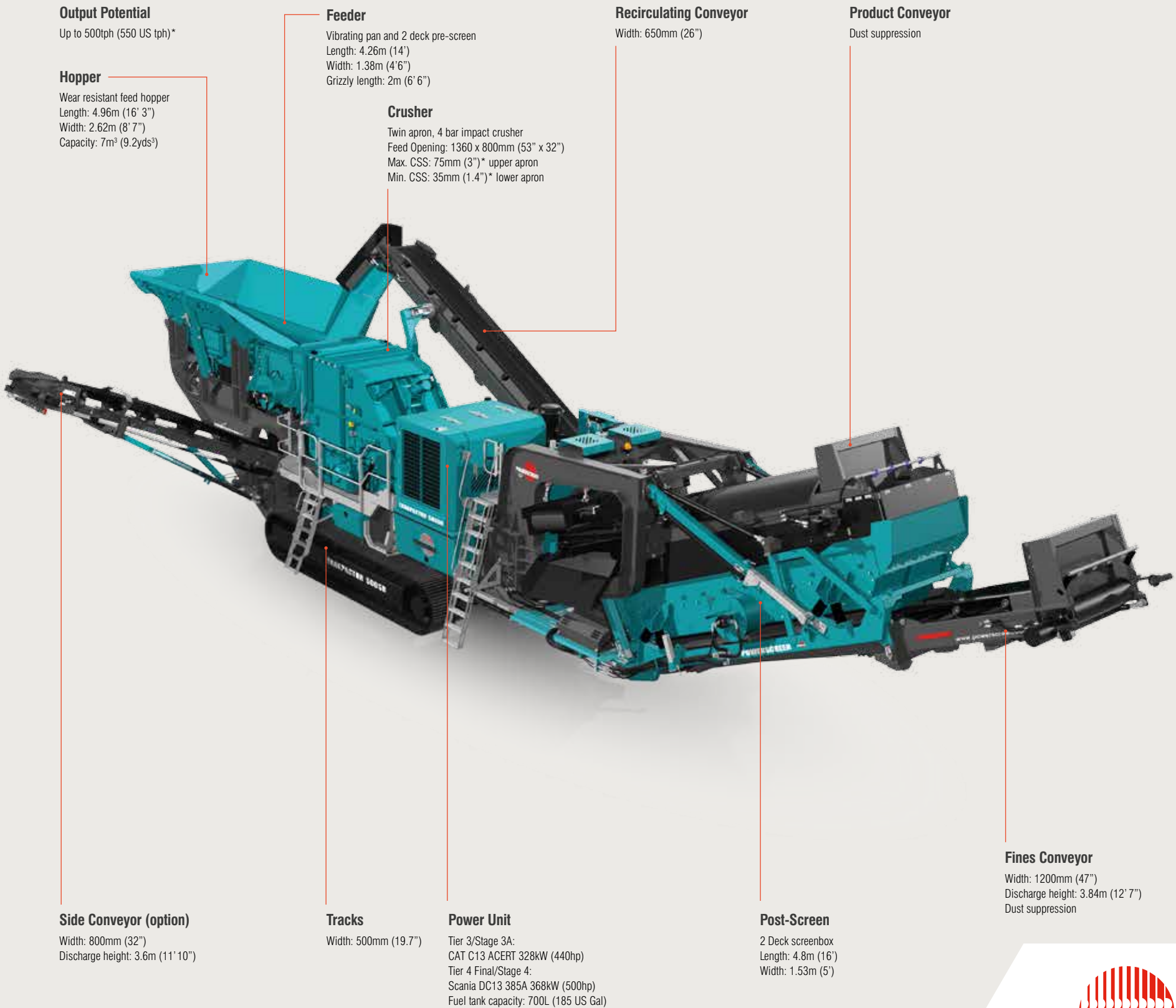
- Blasted rock
- River rock
- C & D waste
- Foundry waste
- Processed ores
- Processed minerals

TRAKPACTOR 500SR

Weight (Est)	67,000kg (147,710lbs) without side conveyor or magnet
Transport width	3.18m (10'5")
Transport length	18.6m (61'1")
Transport height	3.8m (12'6")
Working width	7.1m (23'4") with side conveyor
Working length	20.7m (67'11")
Working height	5.47m (17'11")



*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 4/Stage 3B, Tier 4F / Stage 4).



XV350

The Powerscreen® XV350 vertical shaft impactor is designed for users requiring a plant that excels at producing high specification, shaped products.

Numerous crushing configurations allow the versatile XV350 to produce materials suitable for applications including road building, concrete manufacture, manufactured sand, slag, and glass recycling.

Features & Benefits

- Exceptionally versatile due to interchangeable crushing configurations
- Excellent product shape
- Economical to operate with a highly fuel efficient direct drive system
- Proven Terex® Canica 2050 VSI crusher
- Hydraulic lid lift mechanism for quick and safe maintenance of wear parts
- Feed regulator for optimum feeding which stops the feed belt if a blockage occurs
- Variable speed feed belt
- Automatic crusher lubrication system with temperature and flow analysis
- Hydraulic driven water pump
- Dust suppression system
- Heavy duty fabricated chassis & track frame
- Vibration Sensory Monitoring (VSM)

Options

- Feed hopper extension plates
- Product conveyor belt weigher with speed wheel
- Product conveyor dust hood
- Electric refuelling pump
- Radio remote control

Applications

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

Chamber Configuration Options

- High speed 5 port rotor & rock shelf
- High speed 5 port rotor & drop in anvils
- Heavy duty 4 port rotor & rock shelf
- Heavy duty 4 port rotor & drop in anvils
- Open shoe table & vaulted anvils
- Open shoe table & drop in anvils

Please speak to your local dealer to select the right configuration for your application.

XV350

Weight (Est)	37,000kg (81,600lbs)
Transport width	3m (9'10")
Transport length	15.3m (50'2")
Transport height	3.85m (12'8") with folding hopper extensions
Working width	3m (9'10")
Working length	15.4m (50'6")
Working height	4.4m (14'9")



*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 4/Stage 3B, Tier 4F / Stage 4).

Output Potential

Up to 350tph (386 US tph)*

Crusher

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

Feed Conveyor

Variable speed feed conveyor
Over and under belt metal detector
Width: 1300mm (51")



Tracks

Width: 500mm (19.7")

Hopper

Wear resistant feed hopper
Length: 3.5m (11'6")
Width: 2.8m (9'2")
Capacity: 7m³ (9.2ysd³)

Product Conveyor

Width: 1000mm (39")
Discharge height: 3.47m (11'5")
Dust suppression

Power Unit

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

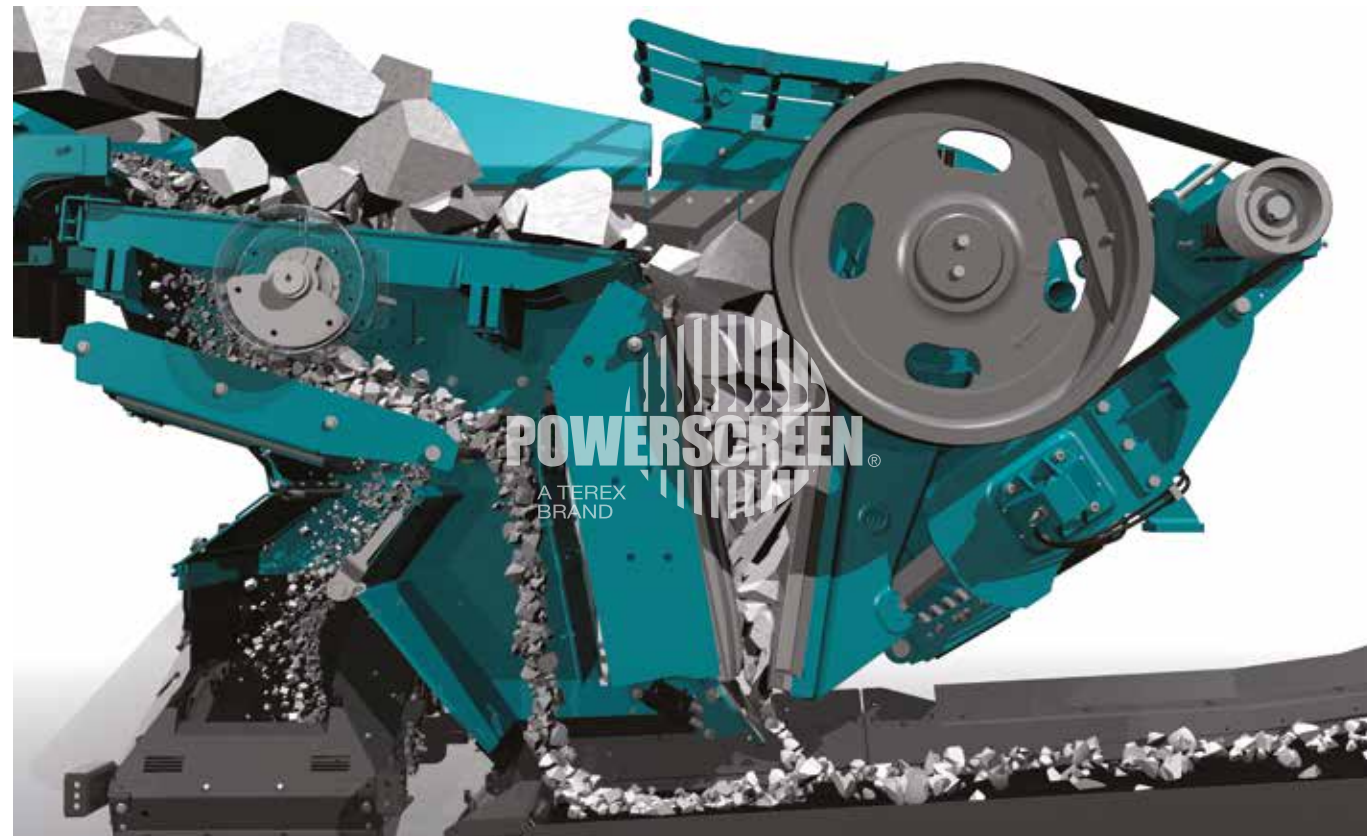


CRUSHING TECHNOLOGY



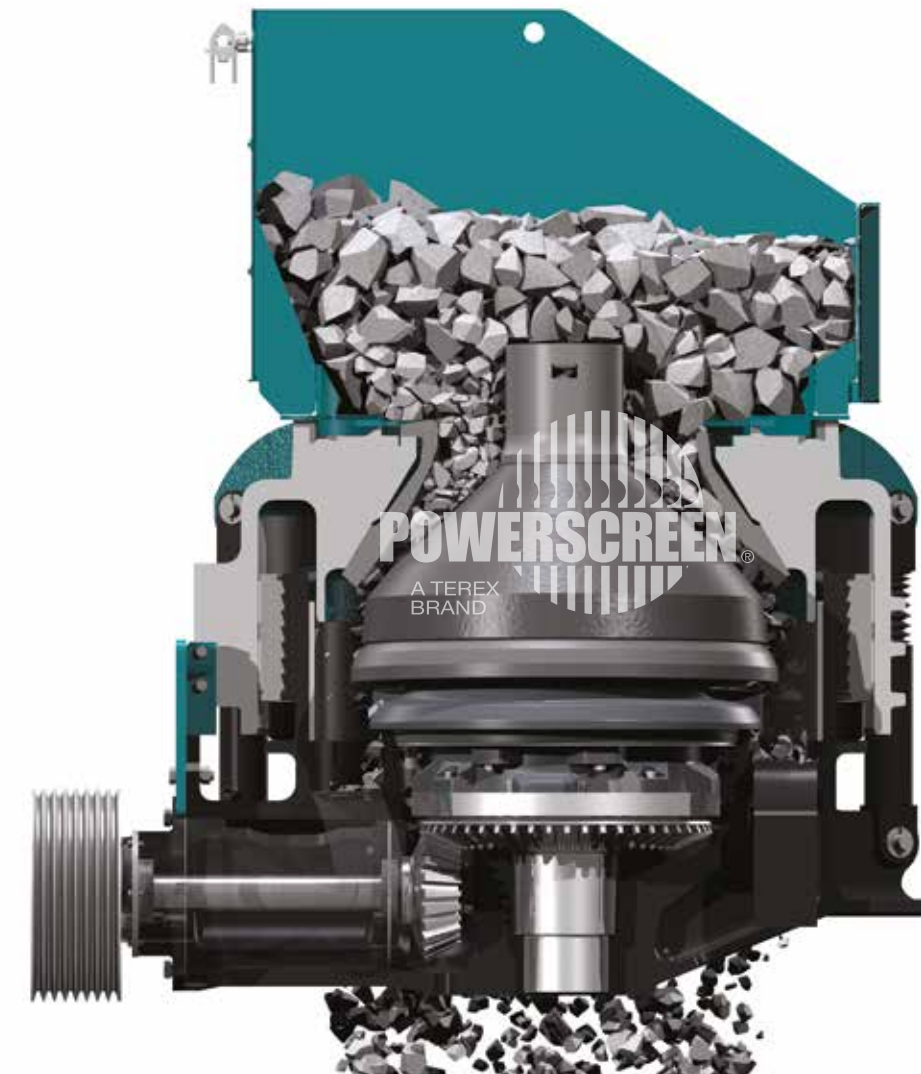
JAW

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.





IMPACTOR

The choice of blow bar for your Powerscreen® impactor is entirely dependent on application – the main factors being: maximum feed size, abrasiveness and hardness of the rock. Powerscreen offers a complete range of blow bar metallurgies to suit all applications, if you are in any doubt about the choice of blow bar to be used contact your local authorised Powerscreen dealer.



NOTES

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DEALER

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Photographs are for illustrative purposes only, some or all of the machines in the illustrations may be fitted with optional extras. Please check with your Dealer for details on optional extras.

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All machines are CE Approved.

