

POWERSCREEN® SCREENING PRODUCT RANGE



KNOWLEDGE IS POWER

POWERSCREEN® SCREENING PRODUCT 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



CHIEFTAIN 400

The Powerscreen® Chieftain 400 is designed for operators and contractors looking for an affordable entry level screening unit. This entry level machine shares many of the class leading features of the larger models in the range including remote tipping grid, main conveyor, high performance 2 deck screen and hydraulically folding conveyors.

Features & Benefits

- Direct feed
- Radio controlled tipping grid
- Grease filled 4 bearing, 2 deck screen box
- Hydraulic screen angle adjustment
- Hydraulic screen tensioning
- Screen walkway and access ladder
- Hydraulically folding conveyors
- Engine protection shut down system

Options

- Wheel or track mobile
- Radio controlled tracks
- Anti roll-back

Output Potential

Up to 200tph (220 US tph)*

Hopper

Capacity: 4m³ (5.2yds³)

Screenbox

4 Bearing screen box
Size: 2.44m x 1.22m (8' x 4')

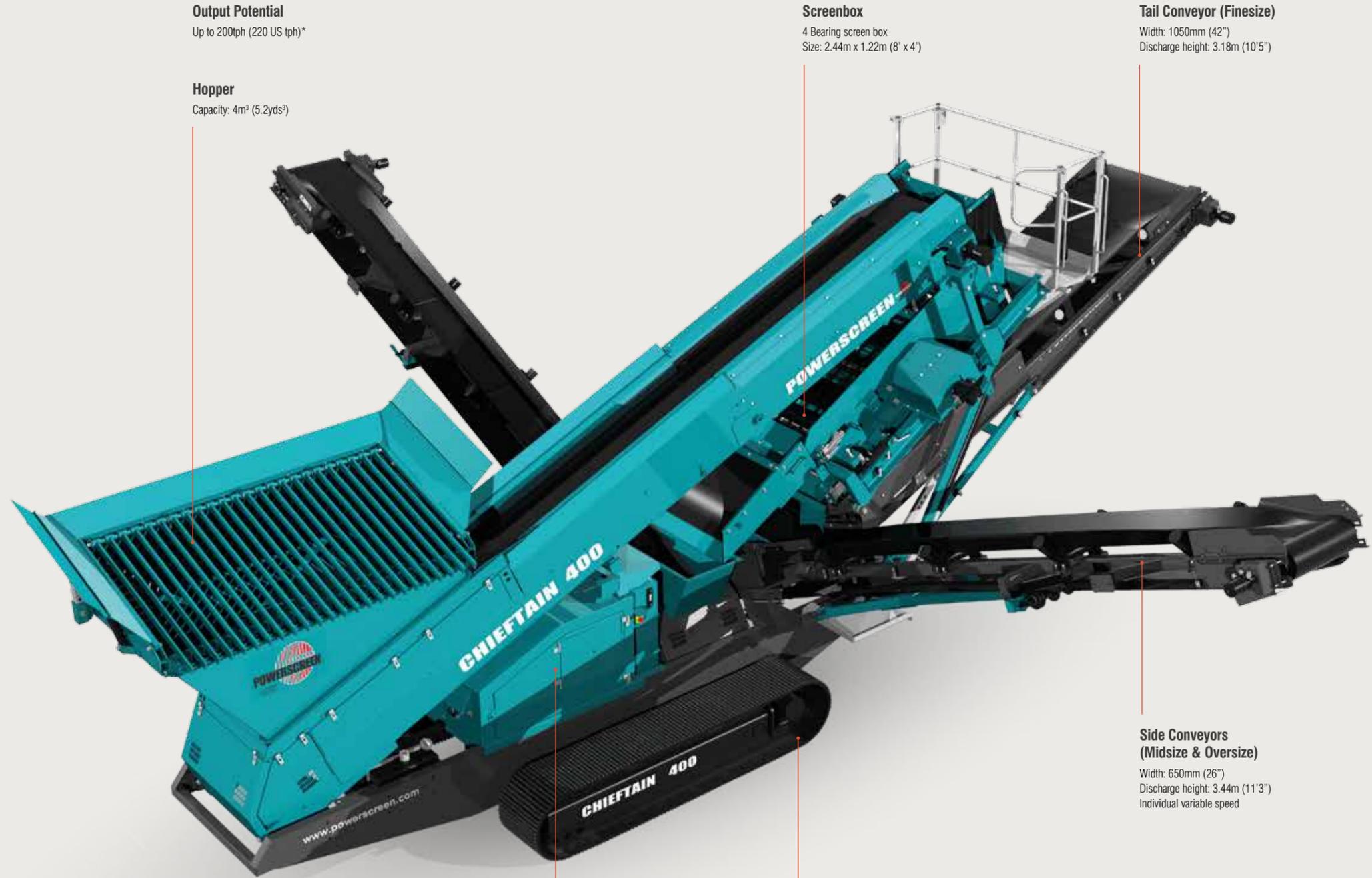
Tail Conveyor (Finesize)

Width: 1050mm (42")
Discharge height: 3.18m (10'5")



CHIEFTAIN 400	TRACK	WHEEL
Weight (Est)	13,020kgs (28,704lbs)	11,280kgs (24,868lbs)
Transport width	2.75m (9')	2.75m (9')
Transport length	10.35m (34')	10.35m (34')
Transport height	3.4m (11'2")	3.84m (12'7")
Working width	11.3m (37')	11.3m (37')
Working length	11.9m (39'1")	11.9m (39'1")
Working height	4.5m (14'9")	4.9m (16'2")

*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 IIIA, Tier 4 / Stage IIIB, Tier 4 / Stage IV).



Power Unit

Tier 3/Stage 3A:
Deutz TD2011 L04 49kW (66.2 hp)
Tier 4/Stage 3B:
CAT C3.4 55kW (73.7 hp)
Fuel tank capacity: 145 L (37.7 US Gal)

Tracks

Width: 500mm (19.7")

Side Conveyors (Midsize & Oversize)

Width: 650mm (26")
Discharge height: 3.44m (11'3")
Individual variable speed



CHIEFTAIN 600

The Powerscreen® Chieftain 600 is designed for the contractor market as an affordable screening unit with a capacity of 7m³. This machine shares many of the class leading features of the larger models in the range including remote tipping grid, main conveyor, high performance 2 deck screen and hydraulically folding conveyors.

Features & Benefits

- Integrated high capacity variable speed belt feeder
- Radio controlled tipping grid
- Grease filled 4 bearing, 2 deck screenbox
- Hydraulic screen angle adjustment
- Hydraulic screen tensioning (Bottom Deck)
- Screen walkway and access ladder
- Hydraulically folding conveyors

Options

- Wheel or track mobile
- Double deck vibrating grizzly
- Radio controlled tracks
- Anti roll-back

Output Potential

Up to 200 tph (220 US tph)*

Main Conveyor

Width: 800mm (32")

Tail Conveyor (Finesize)

Width: 1050mm (42")
Discharge height: 3.18m (10'5")

Power Unit

Tier 3/Stage 3A:
Deutz TD2011 L04 49kW (66.2 hp)
Tier 4i/Stage 3B:
CAT C3.4 55kW (73.7 hp)
Fuel tank capacity:
145 L (37.7 US Gal)

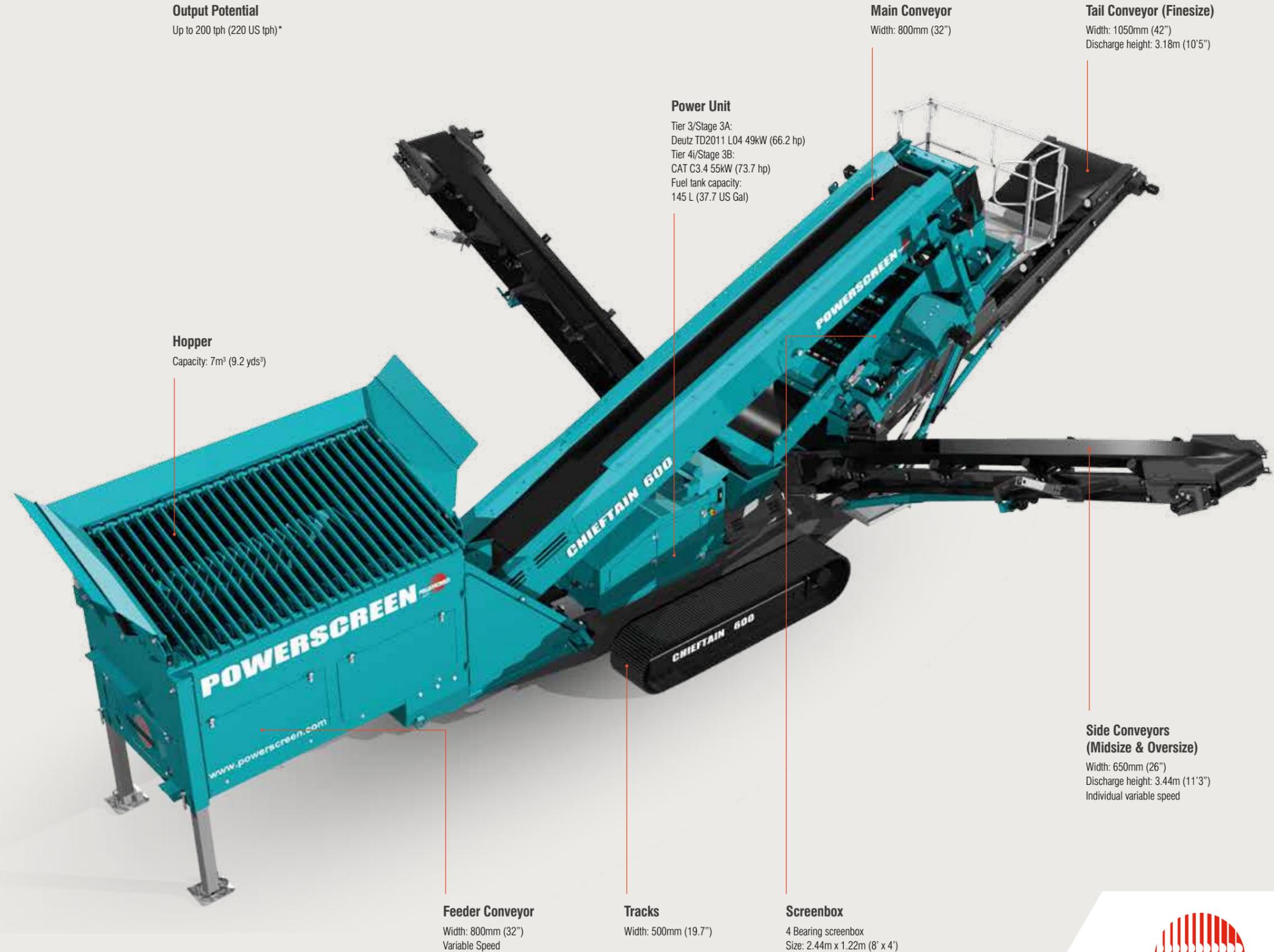
Hopper

Capacity: 7m³ (9.2 yds³)



CHIEFTAIN 600	TRACK	WHEEL
Weight (Est)	15,200kgs (33,510lbs)	14,000kgs (30,865lbs)
Transport width	2.75m (9')	2.75m (9')
Transport length	12.48m (40'11")	13.0m (42'7")
Transport height	3.28m (10'9")	3.5m (11'7")
Working width	11.3m (37')	11.3m (37')
Working length	13.72m (45'4")	13.6m (44'9")
Working height	4.5m (14'9")	4.98m (16'4")

*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 IIIA, Tier 4i / Stage IIIB, Tier 4i / Stage IV).



CHIEFTAIN 1400

The Powerscreen® Chieftain 1400 is one of Powerscreen's most popular screening products and is ideally suited for small to medium sized operators and contractors who require a versatile product capable of operating in a number of applications such as sand and gravel, aggregates and recycling. User benefits include hydraulic folding conveyors for a quick set-up time, screen walkways and access ladders for ease of maintenance, and a drop down tail conveyor to aid screen media changes.

Features & Benefits

- Radio controlled tipping grid
- Integrated high capacity variable speed belt feeder
- Grease filled 4 bearing, 2 deck screenbox
- Hydraulic screen angle adjustment
- Hydraulic screen tensioning (Bottom Deck)
- Screen walkway and access ladder
- Hydraulic folding conveyors

Options

- Wheel or track mobile
- Double deck vibrating grizzly belt feeder
- Radio controlled tracks
- Dual power
- Roll-in bogie prepared
- Roll-in bogie equipped
- Quick release screen wedge tensioning
- Anti roll-back
- Auto lubrication system

Output Potential

Up to 400tph (441 US tph)*

Main Conveyor

Width: 1050mm (42")
Hydraulically adjustable

Tail Conveyor (Finesize)

Width: 1200mm (48")
Discharge height: 3.91m (12'10")

Side Conveyor (Midsize & Oversize)

Width: 650mm (26")
Discharge height: 4.49m (14'9")
Individual variable speed

Power Unit

Tier 3/Stage 3A:
CAT C4.4 ATAAC 83kW (111hp)
Tier 4/Stage 3B:
CAT C4.4 82kW (110hp)
CAT C4.4 98kW (131hp)
Fuel tank capacity: 336 L (88 US Gal)

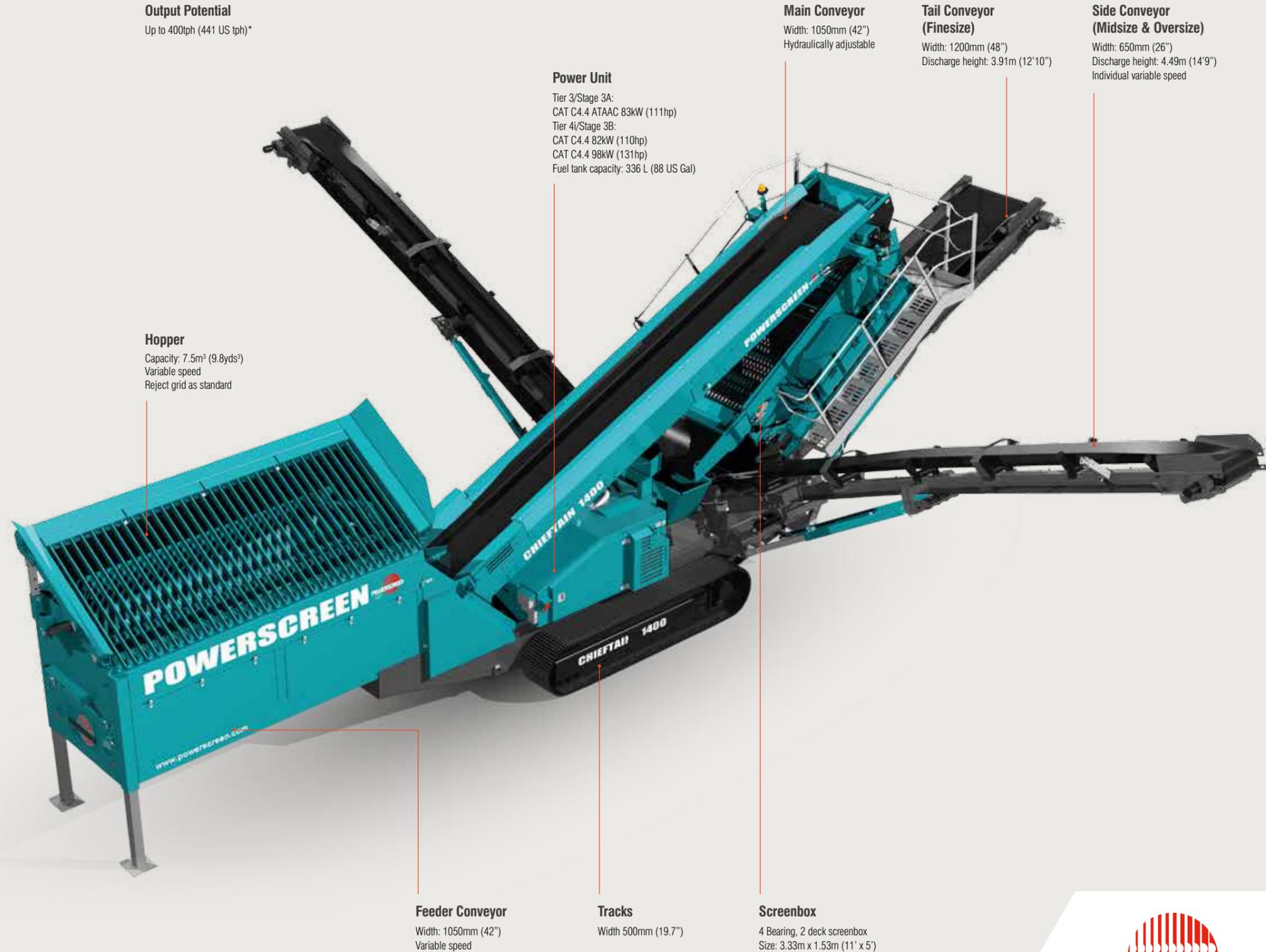
Hopper

Capacity: 7.5m³ (9.8yds³)
Variable speed
Reject grid as standard



CHIEFTAIN 1400	TRACK	WHEEL
Weight (Est)	24,900kg (54,895lbs)	22,000kg (48,502lbs)
Transport width	2.75m (9')	2.75m (9')
Transport length	15.4m (50'6")	16.95m (55'7")
Transport height	3.2m (10'6")	3.9m (12'8")
Working width	16.21m (53'2")	16.21m (53'2")
Working length	16.4m (53'9")	17.9m (58'9")
Working height	4.8m (15'7")	5.33m (17'6")

*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 IIIA, Tier 4 / Stage IIIB, Tier 4 / Stage IV).



Feeder Conveyor

Width: 1050mm (42")
Variable speed

Tracks

Width 500mm (19.7")

Screenbox

4 Bearing, 2 deck screenbox
Size: 3.33m x 1.53m (11' x 5')



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
- Hydraulic screen tensioning (Bottom Deck)
- 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)



CHIEFTAIN 1700	TRACK (2 DECK)	WHEEL (2 DECK)	TRACK (3 DECK)	WHEEL (3 DECK)
Weight (Est)	26,900kg (59,304lbs)	24,700kg (54,340lbs)	29,800kg (65,698lbs)	27,500kg (60,627lbs)
Transport width	3m (9'10")	3m (9'10")	3m (9'10")	3m (9'10")
Transport length	16.53m (54'3")	16.81m (55'2")	16.53m (54'3")	16.81m (55'2")
Transport height	3.43m (11'3")	3.6m (11'10")	3.5m (11'6")	3.88m (12'9")
Working width	17.32m (56'10")	17.32m (56'10")	17.32m (56'10")	17.32m (56'10")
Working length	17.22m (56'6")	17.22m (56'6")	17.22m (56'6")	17.22m (56'6")
Working height	5.82m (19'1")	6.21m (20'4")	5.89m (19'4")	6.19m (20'4")

*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 IIIA, Tier 4 / Stage IIIB, Tier 4 / Stage IV).

Output Potential

Up to 500tph (551 US tph)*

Main Conveyor

Width: 1050mm (42")
Hydraulically adjustable

Tail Conveyor (Finesize)

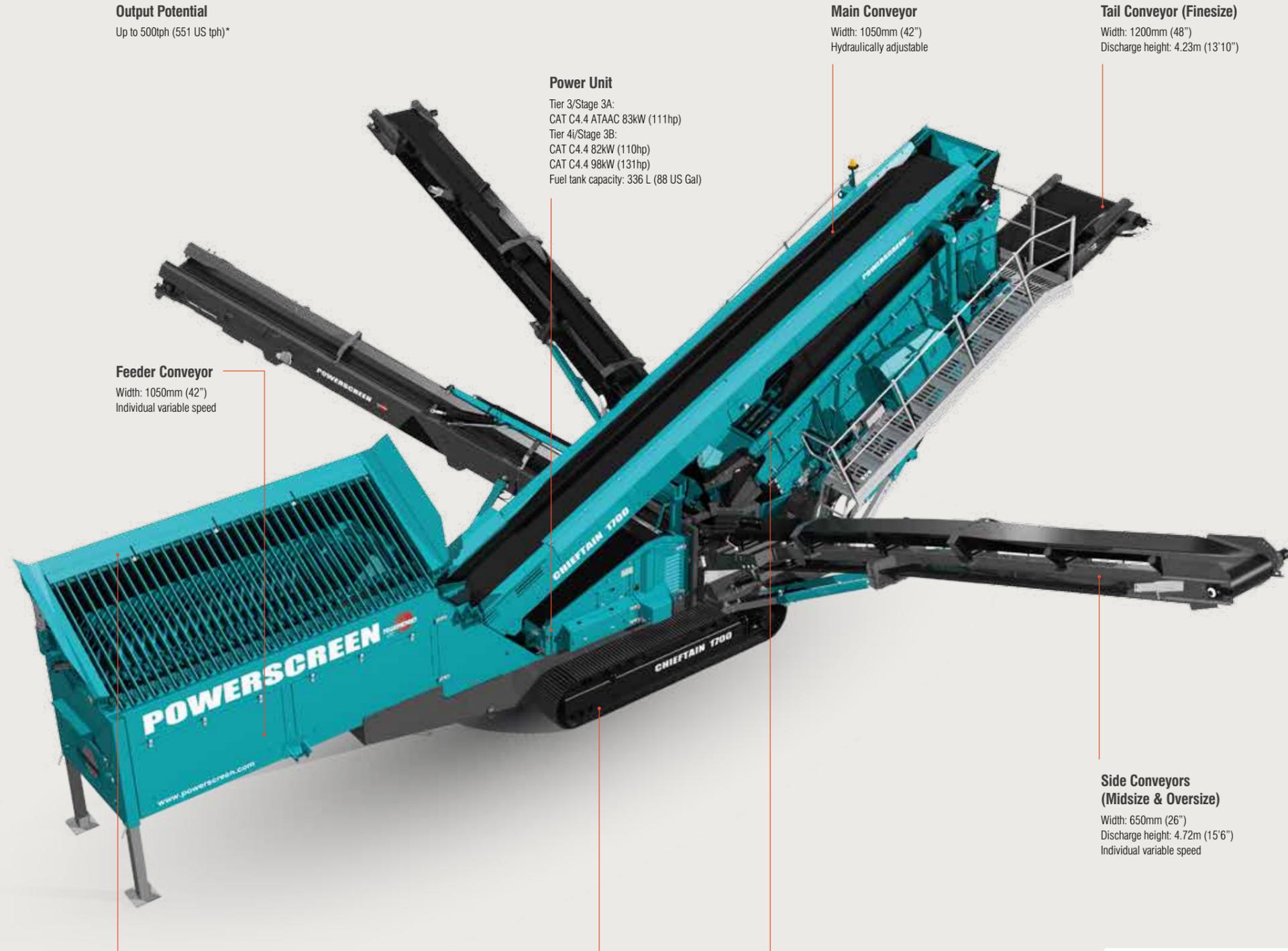
Width: 1200mm (48")
Discharge height: 4.23m (13'10")

Power Unit

Tier 3/Stage 3A:
CAT C4.4 ATAAC 83kW (111hp)
Tier 4/Stage 3B:
CAT C4.4 82kW (110hp)
CAT C4.4 98kW (131hp)
Fuel tank capacity: 336 L (88 US Gal)

Feeder Conveyor

Width: 1050mm (42")
Individual variable speed



Hopper

Capacity: 7.5m³ (9.8yds³)

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



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
- Hydraulic screen tensioning (bottom deck)
- Screen walkway and access ladder
- Hydraulic folding conveyors with excellent stockpiling capacity

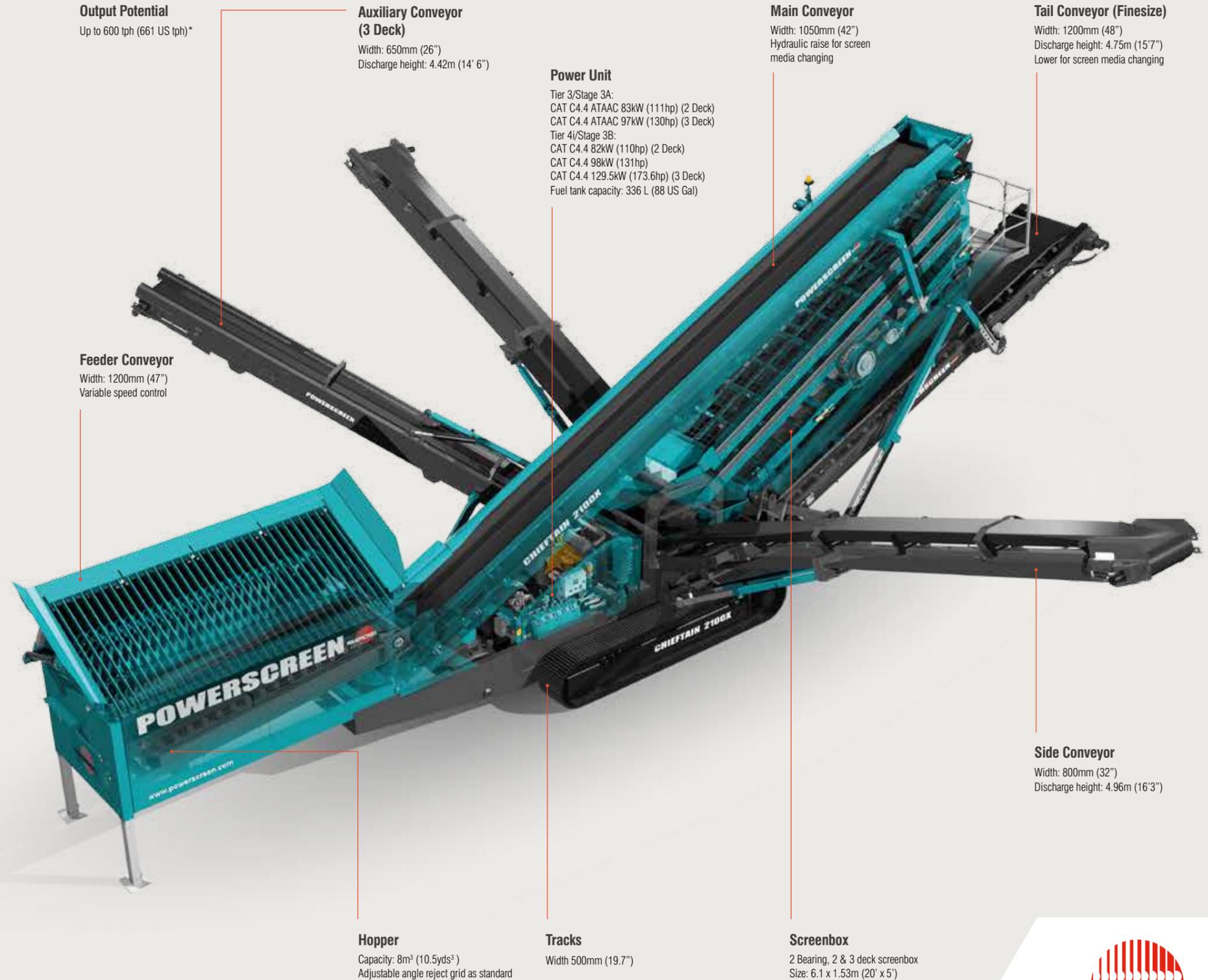
Options

- Double deck vibrating grizzly
- Radio controlled tracking
- Anti roll-back
- Dual Power (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)



CHIEFTAIN 2100X	TRACK (2 DECK)	TRACK (3 DECK)
Weight (Est)	34,700kgs (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")	3.47 (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 IIIA, Tier 4 / Stage IIIB, Tier 4 / Stage IV).



CHIEFTAIN 2100X BIVITEC

The Powerscreen® Chieftain 2100X is available with a 2 deck version of the Binder+Co BIVITEC screen for applications where the feed contains damp, fibrous or matted materials that clog the screen openings of conventional machines. The Chieftain 2100X BIVITEC has 3 movements taking place providing the powerful screening actions required for these difficult materials. The entire screen box moves in the same circular motion as other Powerscreen® incline screens whilst each of the 2 individual screens resonate causing the flexible polyurethane screen mats to continually tension and un-tension. This powerful screening action eliminates ‘blinding’ and makes screening effective in all weather conditions.

Features & Benefits

- Powerful screening action keeps the screen openings clear
- Suitable for screening damp, fibrous or matted materials
- Suitable for sizing materials ranging between 0.5mm–80mm
- Vibration parameters are individually adjustable for each screening deck
- Single drive screen mechanism, low energy consumption
- Quick to change screen mats
- Screen walkway and access ladder
- Hydraulic folding conveyors with excellent stockpiling capacity

Options

- Radio controlled tracking
- Roll-in bogie prepared
- Roll-in bogie equipped
- Dual Power (additional electric hydraulic drive)
- Dust suppression
- Auto lubrication system
- Vibrating grizzly
- Anti roll-back



CHIEFTAIN 2100X BIVITEC	TRACK
Weight (Est)	35,500kg (78,264 lbs)
Transport width	3m (9'10")
Transport length	18.23m (59'10")
Transport height	3.47m (11'5")
Working width	18.3m (60')
Working length	19.47m (63'11")
Working height	6.29m (20'8")

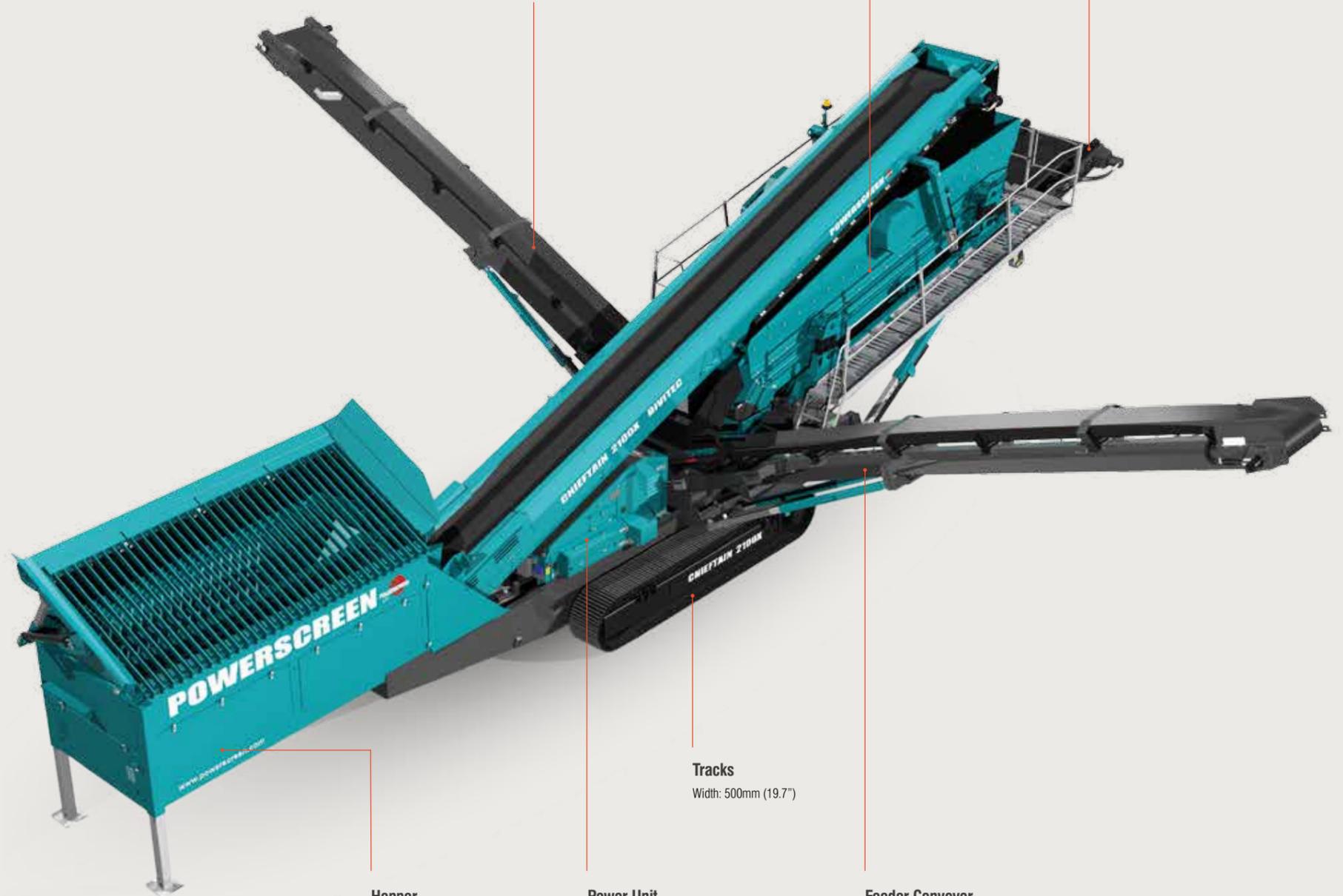
*Output potential depends on application
Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3 / Stage IIIA, Tier 4 / Stage IIIB, Tier 4 / Stage IV).

Output Potential
Up to 400tph (441 US tph)*

Side Conveyors (Midsize & Oversize)
Width: 800mm (32")
Discharge height: 4.96m (16'3")
Individual variable speed control

Screenbox
2 Deck Bivitec dual vibration screenbox
Size: 5.88m x 1.55m (19' x 5')

Tail Conveyor (Finesize)
Width: 1200mm (48")
Discharge height: 4.2m (13'9")
Lower for screen media changing



Tracks
Width: 500mm (19.7")

Hopper
Capacity: 8m³ (10.5yds³)

Power Unit
Tier 3/Stage 3A:
CAT C4.4 ATAAC 83kW (111hp)
Tier 4i/Stage 3B:
CAT C4.4 82kW (110hp)
CAT C4.4 98kW (131hp)
Fuel tank capacity: 336 L (88 US Gal)

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



WARRIOR 800

The Powerscreen® Warrior 800 has been specifically designed for the small end user for whom versatility and transportability are of key importance. The machine is a multi-purpose heavy duty incline 2 deck screen, capable of stockpiling, 3 way splitting or scalping before and after crushing units. Its highly aggressive screen can accept bofor bars, finger screens, woven mesh and punch plates.

User benefits include a rapid set-up time and ease of operation aided by hydraulic folding tail and side conveyors, rigid feed hopper sides and two speed tracks. Simplified slide out tail conveyor facilities aid media access and screen media changes.

Features & Benefits

- Variable speed hopper featuring impact bars, rigid hopper and rollers
- Folding rear hopper wall for direct feeding
- Robust, heavy duty, fixed angle 2 bearing, 2 deck screen
- Hydraulic folding and extending tail conveyor with slide out facility allowing maximum bottom deck access. Patent Pending, Application Number: 1004925.2
- Hydraulic folding conveyors with excellent stockpiling capacity

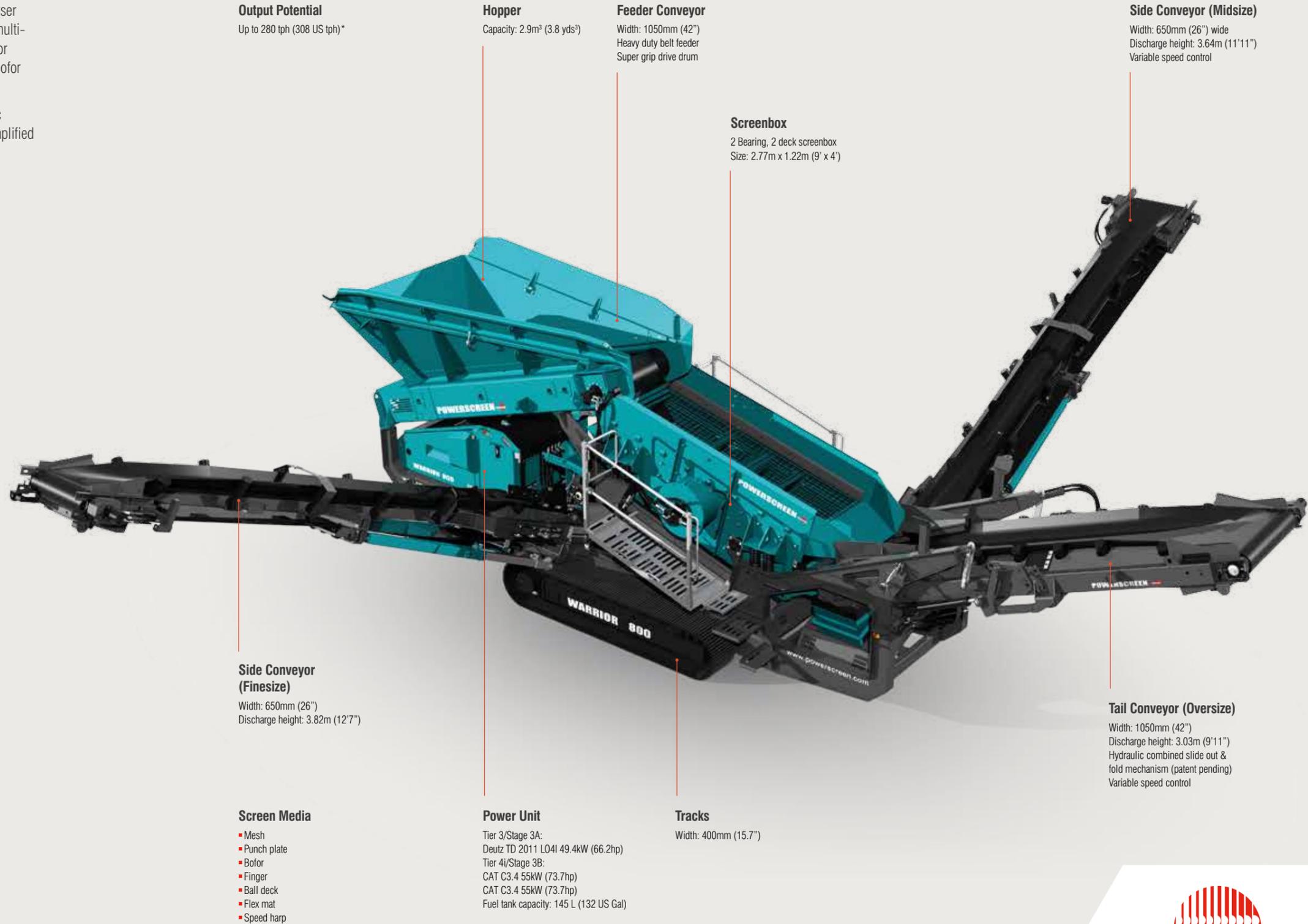
Options

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



WARRIOR 800	TRACK
Weight (Est)	16,700kgs (36,817lbs)
Transport width	2.5m (8'2")
Transport length	9.22m (30'3")
Transport height	3.09m (10'1")
Working width	14.09m (46'3")
Working length	11.11m (36'5")
Working height	3.92m (12'10")

*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 IIIA, Tier 4 / Stage IIIB, Tier 4 / Stage IV).



WARRIOR 1400X

The Powerscreen® Warrior 1400X is a flexible screening machine, aimed at small to medium sized operators who require a high performing, heavy duty, versatile machine that remains easy to transport. It offers improved performance, lower operating costs, and easier serviceability while building on the reliable foundation of our class-leading Warrior 1400 scalper. Its highly aggressive screen can accept bofor bars, finger screens, woven mesh and punch plates.

User benefits include jack up screen facilities to aid media access and hydraulic screen angle adjustment.

It is designed with economy in mind, with reduced fuel consumption being achieved through a lower engine running speed of 1800rpm and enhanced hydraulics. A variety of media solutions mean that the Warrior 1400X is extremely efficient in scalping, screening and recycling applications and it can process mixed demolition waste including grass, soil, concrete, wood and asphalt.

Features & Benefits

- Heavy duty, incline belt feeder with rigid one piece hopper
- Heavy duty, adjustable angle, grease lubricated 2 bearing, 2 deck screenbox
- Jack up screen facility to aid mesh changes
- Screen walkway and access steps
- Hydraulic folding conveyors with excellent stockpiling capacity
- Improved stockpiling capacity
- Rapid set-up and shutdown time
- Two speed tracks
- Collection conveyor raise feature
- Reversible side conveyors

Options

- Radio controlled tracking
- Dual Power (additional electric hydraulic drive)
- Quick release screen wedge tensioning
- Auto lubrication system
- Dust suppression
- Wide range of screen media
- 2 or 3 way split configuration
- High capacity incline apron feeder
- 300mm (12") Chassis riser
- Telescopic side conveyors
- Hopper extensions
- Screen blanket



WARRIOR 1400X (INCLINE BELT FEEDER)	3 WAY SPLIT
Weight (Est)	27,500kgs (60,627lbs)
Transport width	2.75m (9')
Transport length	14.21m (46'7")
Transport height	3.2m (10'6")
Working width	12.59m (41'3")
Working length	14.20m (46'7")
Working height	4.57m (15') (hopper extended)

*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 IIIA, Tier 4 / Stage IIIB, Tier 4 / Stage IV).

Output Potential
Up to 500 tph (551 US tph)*

Hopper
Capacity: 7m³ (9.2yds³)
Collapsible rear wall for direct feeding

Feeder Conveyor
Width: 1300mm (51")
Heavy duty belt feeder
Super grip drive drum
Variable speed control

Side Conveyor (Midsize)
Width: 900mm (35")
Discharge height: 3.6m (11'10")
Angle adjustable

Side Conveyor (Finesize)
Width: 900mm (35")
Discharge height: 3.72m (12'2")

Tracks
Width: 400mm (15.7")
2 Speed tracking

Screen Media

- Mesh
- Punch plate
- Bofor
- Finger
- Ball deck
- Flex mat
- Speed harp

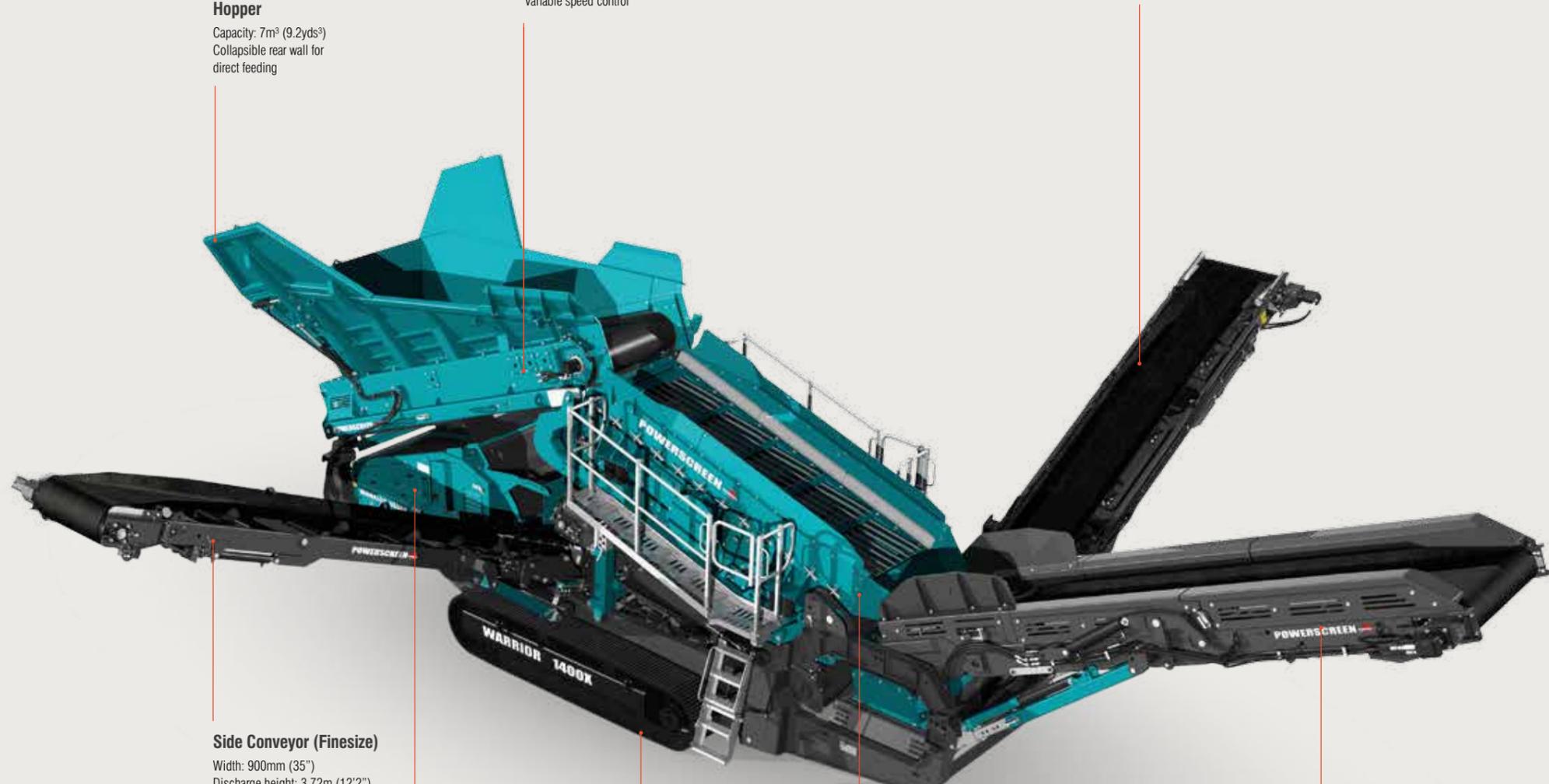
Power Unit

Tier3/Stage 3A:
CAT C4.4. ATAAC 90KW (120hp)
Tier 4i/Stage 3B:
CAT C4.4 82kW (110hp)
Fuel tank capacity: 336 L (88 US Gal)

Screenbox

2 Bearing, 2 deck, high amplitude screenbox
Size: 3.6m x 1.25m (12' x 4.5')
Adjustable screen angle 13° - 19°

Tail Conveyor (Oversize)
Width: 1200mm (48")
Discharge height: 4m (13'1") (3 Way Split)
Discharge height: 3.4m (11'3") (2 Way Split)



WARRIOR 1800

Designed for medium to large operators, where high capacity and throughput are paramount, the Powerscreen® Warrior 1800 is a tough, heavy duty machine built for screening, 2 or 3 way splitting and stockpiling in quarrying, recycling, construction and demolition aggregates and top soil applications.

With low ground pressure crawler tracks the Warrior 1800 is highly mobile. The versatile screen accepts a wide range of media options including bofor bars, finger screens, woven mesh and punch plates.

Features & Benefits

- Heavy duty, incline belt feeder with hydraulic hopper sides
- Heavy duty, adjustable angle, grease lubricated 2 bearing, 2 deck screen box
- Jack up screen facility to aid mesh changes
- Hydraulic "slide out facility" on oversize tail conveyor to ease mesh changes
- Screen walkway and access steps
- Hydraulic folding conveyors with excellent stockpiling capacity
- Engine protection shutdown system

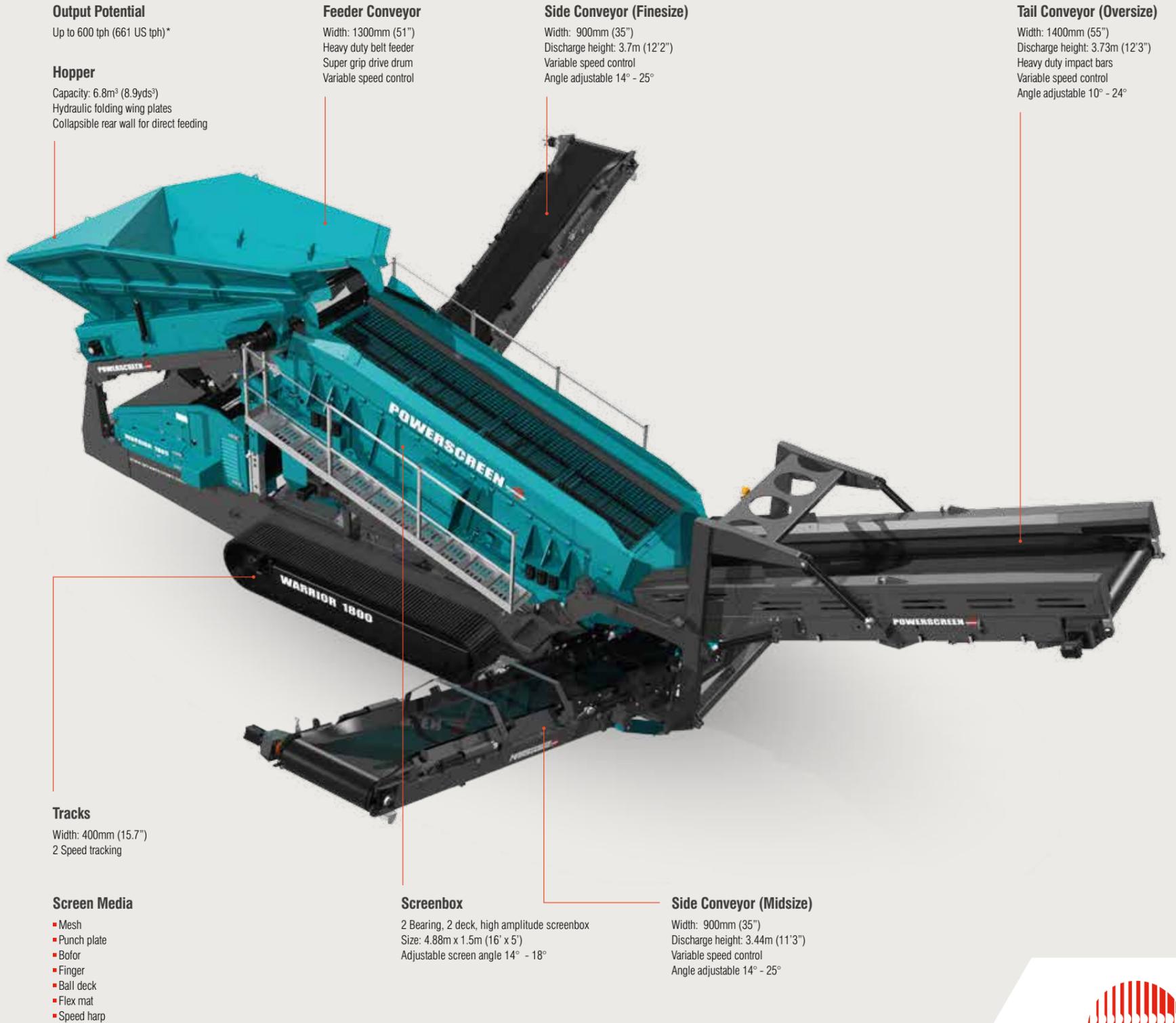
Options

- Radio controlled tracking
- Dual power (additional electric hydraulic drive)
- Quick release screen wedge tensioning
- Auto lubrication system
- Dust suppression
- Wide range of screen media
- 2 or 3 way split configuration
- High capacity incline apron feeder
- Telescopic side conveyor option



WARRIOR 1800 (INCLINE BELT FEEDER)	3 WAY SPLIT
Weight (Est)	29,200Kg
Transport width	2.96m (9'8")
Transport length	15.38m (50'6")
Transport height	3.4m (11'2")
Working width	12.62m (41'5")
Working length	14.40m (47'5")
Working height	4.57m (14')

*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 IIIA, Tier 4 / Stage IIIB, Tier 4 / Stage IV).



WARRIOR 2100

The Warrior 2100 is engineered to include the proven Triple Shaft technology which is unique to Powerscreen heavy duty mobile screens. The triple shaft design ensures that the 16' x 5' screen box is highly efficient while maintaining exceptional throughput productivity. The extreme screening acceleration offers the Warrior 2100 improved capabilities over its class rivals, especially in sticky scalping applications.

It is designed with economy in mind, with reduced fuel consumption being achieved through a lower engine running speed of 1800rpm and enhanced hydraulics. A variety of media solutions mean that the Warrior 2100 is extremely efficient in scalping, screening and recycling applications and it can process mixed demolition waste including grass, soil, concrete, wood and asphalt.

Features & Benefits

- Heavy duty, 2 deck screen box featuring Triple Shaft technology with adjustable screen timing, amplitude and frequency
- Rigid one-piece hopper
- Low engine running speed to improve fuel consumption
- Heavy duty, incline belt feeder
- Jack up screen facility to aid mesh changes
- Screen walkway and access steps
- Hydraulic folding conveyors with excellent stockpiling capacity
- Rapid set-up and shutdown time
- Two speed tracks
- Reversible side conveyors
- Collection conveyor raise feature

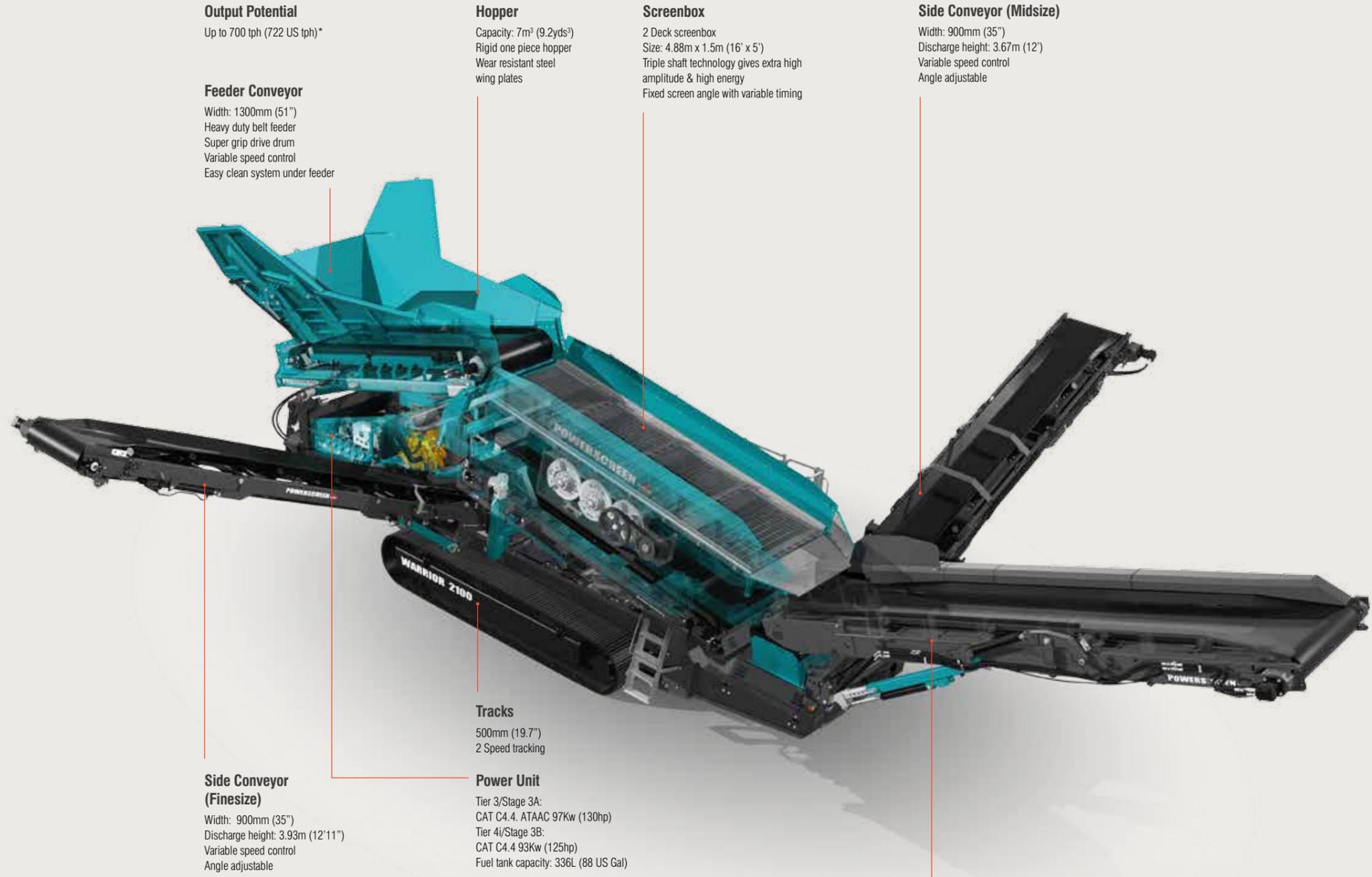
Options

- Radio controlled tracking
- 200mm (8") Chassis riser
- Telescopic side conveyors
- Hydraulically folding hopper extensions
- High capacity incline apron feeder
- Quick release screen wedge tensioning
- Wide range of screen media
- Dust suppression
- Auto lubrication system
- Dual power (additional electric hydraulic drive)
- 2 or 3 way split configuration



WARRIOR 2100	3 WAY SPLIT
Weight (Est)	36,000kg (39.7 US Ton)
Transport width	3m (9'10")
Transport length	16.02m (52'7")
Transport height	3.4m (11'2")
Working width	13.6m (44'7")
Working length	16.3m (53'5")
Working height	4.5m (14'9")
Screen box	4.88m x 1.5m (16' x 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 IIIA, Tier 4 / Stage IIIB, Tier 4 / Stage IV).



Output Potential
Up to 700 tph (722 US tph)*

Feeder Conveyor
Width: 1300mm (51")
Heavy duty belt feeder
Super grip drive drum
Variable speed control
Easy clean system under feeder

Hopper
Capacity: 7m³ (9.2yds³)
Rigid one piece hopper
Wear resistant steel wing plates

Screenbox
2 Deck screenbox
Size: 4.88m x 1.5m (16' x 5')
Triple shaft technology gives extra high amplitude & high energy
Fixed screen angle with variable timing

Side Conveyor (Midsize)
Width: 900mm (35")
Discharge height: 3.67m (12')
Variable speed control
Angle adjustable

Tracks
500mm (19.7")
2 Speed tracking

Side Conveyor (Finesize)
Width: 900mm (35")
Discharge height: 3.93m (12'11")
Variable speed control
Angle adjustable

Power Unit
Tier 3/Stage 3A:
CAT C4.4. ATAAC 97Kw (130hp)
Tier 4/Stage 3B:
CAT C4.4 93Kw (125hp)
Fuel tank capacity: 336L (88 US Gal)

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

Tail Conveyor (Oversize)
Width: 1200mm (48")
Discharge height: 4.2m (13'9") (3 Way Split)
Discharge height: 3.5m (11'7") (2 Way Split)
Heavy duty impact bars
Variable speed control
justable 0° - 24°



WARRIOR 2400

Specially designed for large scale operators in the quarrying and mining sectors, the new Powerscreen® Warrior 2400 is capable of handling larger feed sizes and throughputs. It features a heavy duty incline screen with a high amplitude triple shaft drive mechanism, lending it to screening, scalping, 2 or 3 way splitting and stockpiling materials like aggregates, topsoil, coal, construction, demolition waste and iron ore.

User benefits include a slide out tail conveyor facility to aid media access and a load sensing collection conveyor circuit to avoid blockages.

Features & Benefits

- Heavy duty, incline belt feeder with hydraulic folding hopper sides
- Jack up screen facility to aid mesh changes
- Screen walkway and access steps
- Hydraulic folding conveyors with excellent stockpiling capacity
- Hydraulic load sensing on under screen conveyor circuit & Fines Circuit
- Jack up legs for screen levelling
- Screen media interchangeable with H range products
- Heavy Duty Triple shaft screen box with adjustable frequency, timing and amplitude.
- Elliptical Throw adjustable up to 15mm.

Options

- Radio controlled tracking
- Dual power (additional electric hydraulic drive)
- Auto lubrication system
- Dust suppression
- Wide range of screen media
- Screen chain blanket
- 2 or 3 way split configurations
- Hopper extensions
- High capacity incline apron feeder
- Roll-in bogie (tri-axle)
- High capacity incline apron feeder



WARRIOR 2400	2 WAY SPLIT	3 WAY SPLIT
Weight (Est)	43000kg (94,798lbs)	45000kg (99,208lbs)
Transport width	3.0m (9'10")	3.0m (9'10")
Transport length	17.19m (56'5")	17.33m (56'10")
Transport height	3.6m (11'10")	3.6m (11'10")
Working width	9.58m (31'5")	15.33m (50'4")
Working length	18.34m (60'2")	18.50m (60'8")
Working height	4.88m (16')	5.2m (17'1")

*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 IIIA, Tier 4 / Stage IIIB, Tier 4 / Stage IV).

Output Potential

Up to 800 tph (881 US tph)*

Power Unit

Tier 3/Stage 3A:
CAT C6.6 ACERT 151Kw (202hp)
Tier 4/Stage 3B:
CAT CAT C7.1 151Kw (202hp)
Fuel tank capacity: 579 L (158 US Gal)

Feeder Conveyor

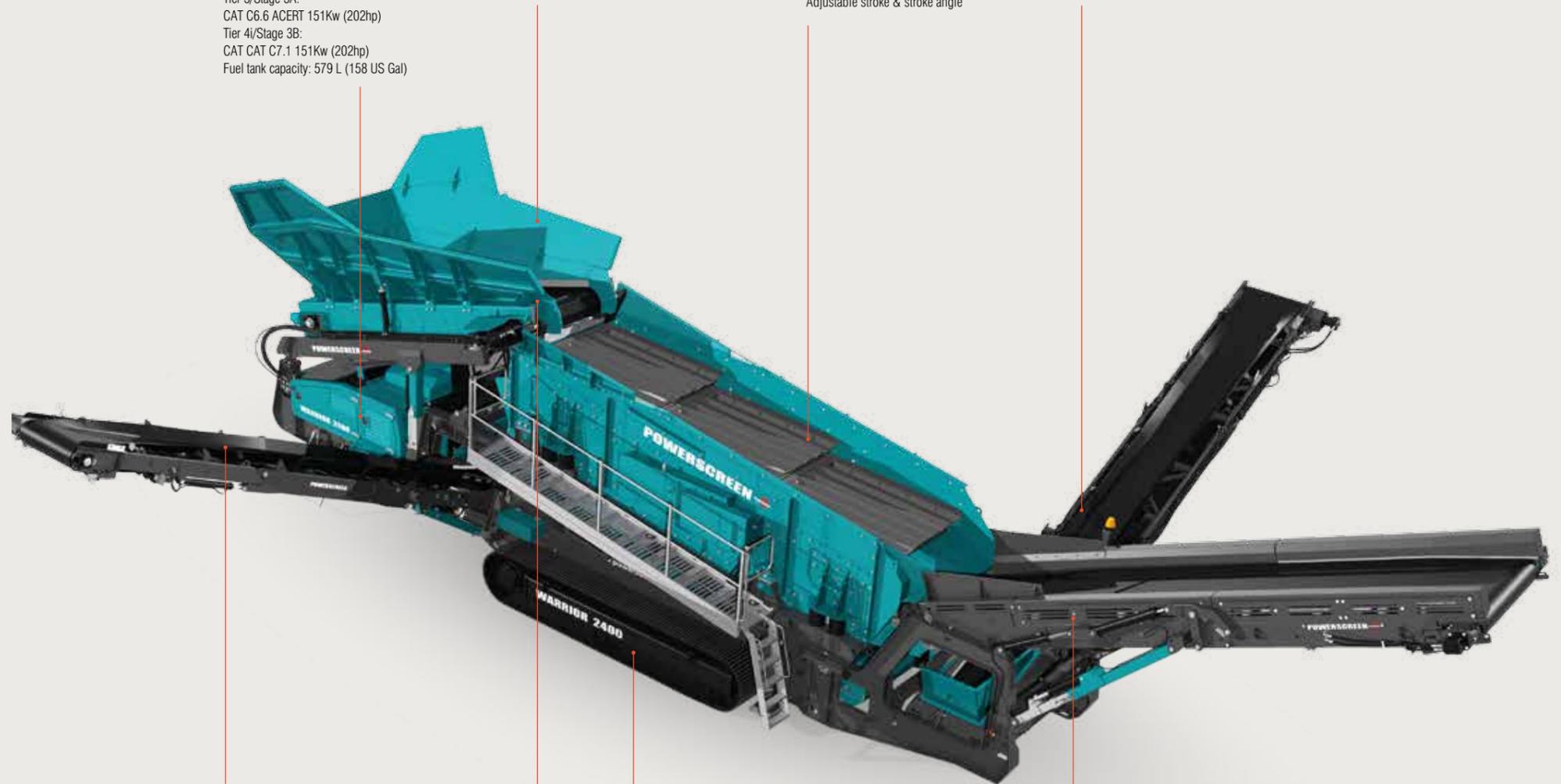
Width: 1300mm (51")
Heavy duty impact bars & impact rollers
Twin drive, variable speed
Optional drive speeds available

Screenbox

2 Deck screenbox
Size: 6.1m x 1.93m (20' x 6')
Triple shaft technology gives extra high amplitude & high energy
Adjustable stroke & stroke angle

Side Conveyor (Midsize)

Width: 900mm (35")
Discharge height: 4.25m (13'11")
Variable speed, hydraulic folding
Removable for 2 way split



Side Conveyor (Finesize)

Belt width 900mm (35")
Discharge height: 4.25m (13'11")
Variable speed, hydraulic folding

Tracks

500mm (19.7")
2 Speed tracking

Screen Media

- Mesh
- Punch plate
- Bofor
- Finger
- Ball deck
- Flex mat
- Speed harp

Hopper

Capacity: 10m³ (13 yds.)
Collapsible rear wall for direct feeding
Hydraulic folding wear resistant wing plates

Tail Conveyor (Oversize)

Width: 1600mm (63")
Discharge height:
4.95m (16') (3 Way Split)
Discharge height:
4.56m (15') (2 Way Split)
Variable speed,
Angle adjustable



H5163

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 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
- Engine protection shutdown system
- 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



H5163

Weight (Est)	36,000kg (79,366lbs)
Transport width	3.1m (10'2")
Transport length	17.4m (57'1")
Transport height	3.4m (11'2")
Working width	16.32m (53'7")
Working length	15.6m (51'2")
Working height	5.02m (16'6")

*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 IIIA, Tier 4 / Stage IIIB, Tier 4 / Stage IV).

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

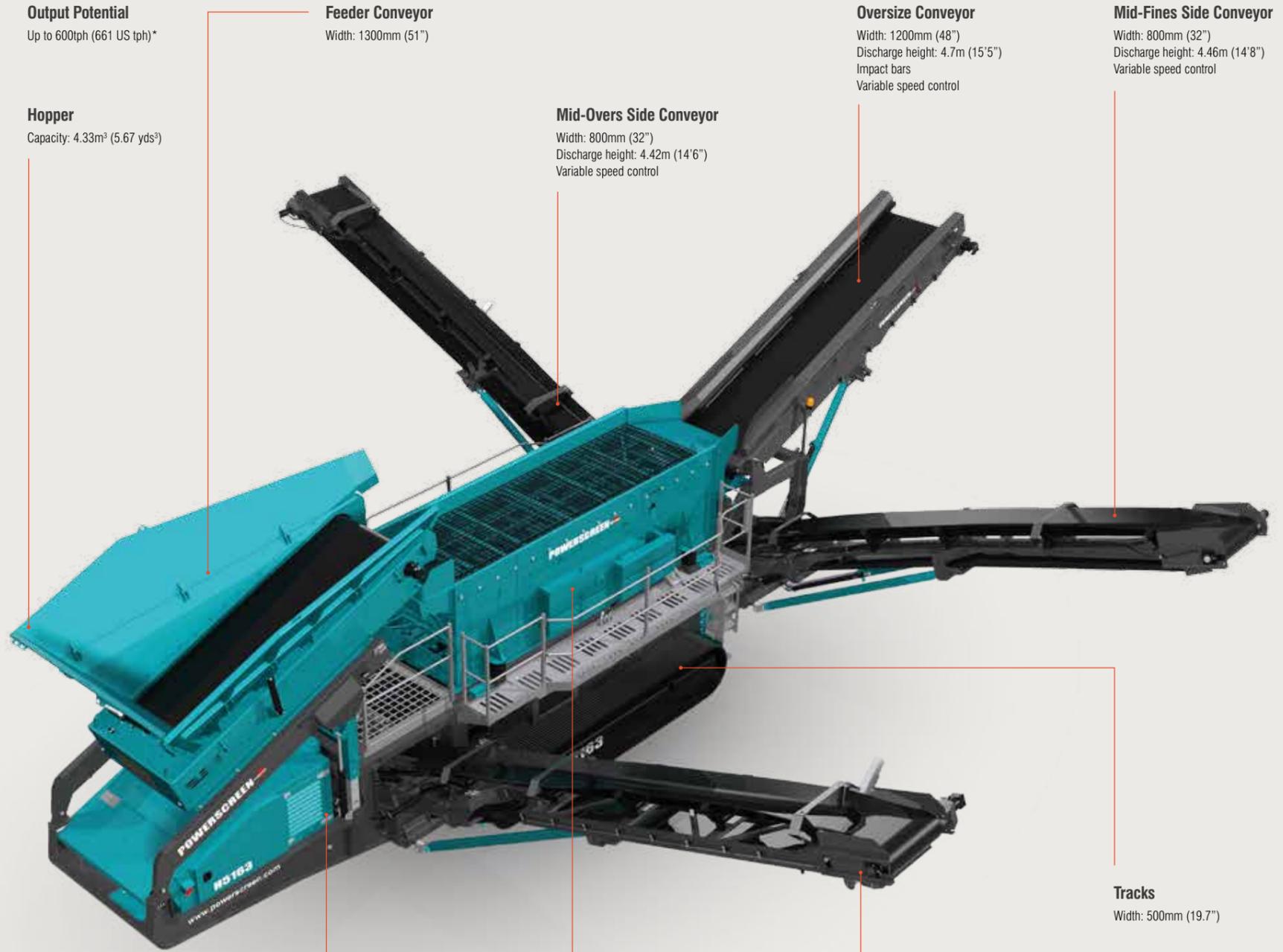
Hopper
Capacity: 4.33m³ (5.67 yds³)

Feeder Conveyor
Width: 1300mm (51")

Mid-Overs Side Conveyor
Width: 800mm (32")
Discharge height: 4.42m (14'6")
Variable speed control

Override Conveyor
Width: 1200mm (48")
Discharge height: 4.7m (15'5")
Impact bars
Variable speed control

Mid-Fines Side Conveyor
Width: 800mm (32")
Discharge height: 4.46m (14'8")
Variable speed control



Power Unit
Tier 3/Stage 3A:
CAT C4.4 ACERT ATAAC 97kW (130hp)

Screenbox
3 Deck horizontal screenbox
Size: 4.88m x 1.56m (16' x 5'2")
Triple shaft technology gives extra high amplitude & high energy
Adjustable stroke & stroke angle

Fines Side Conveyor
Width: 800mm (32")
Discharge height: 4.12m (13'6")
Hydraulic folding
Variable speed control

Tracks
Width: 500mm (19.7")



H5163R

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 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
- Mid-over's product tail conveyor
- Oversize product side conveyor

Options

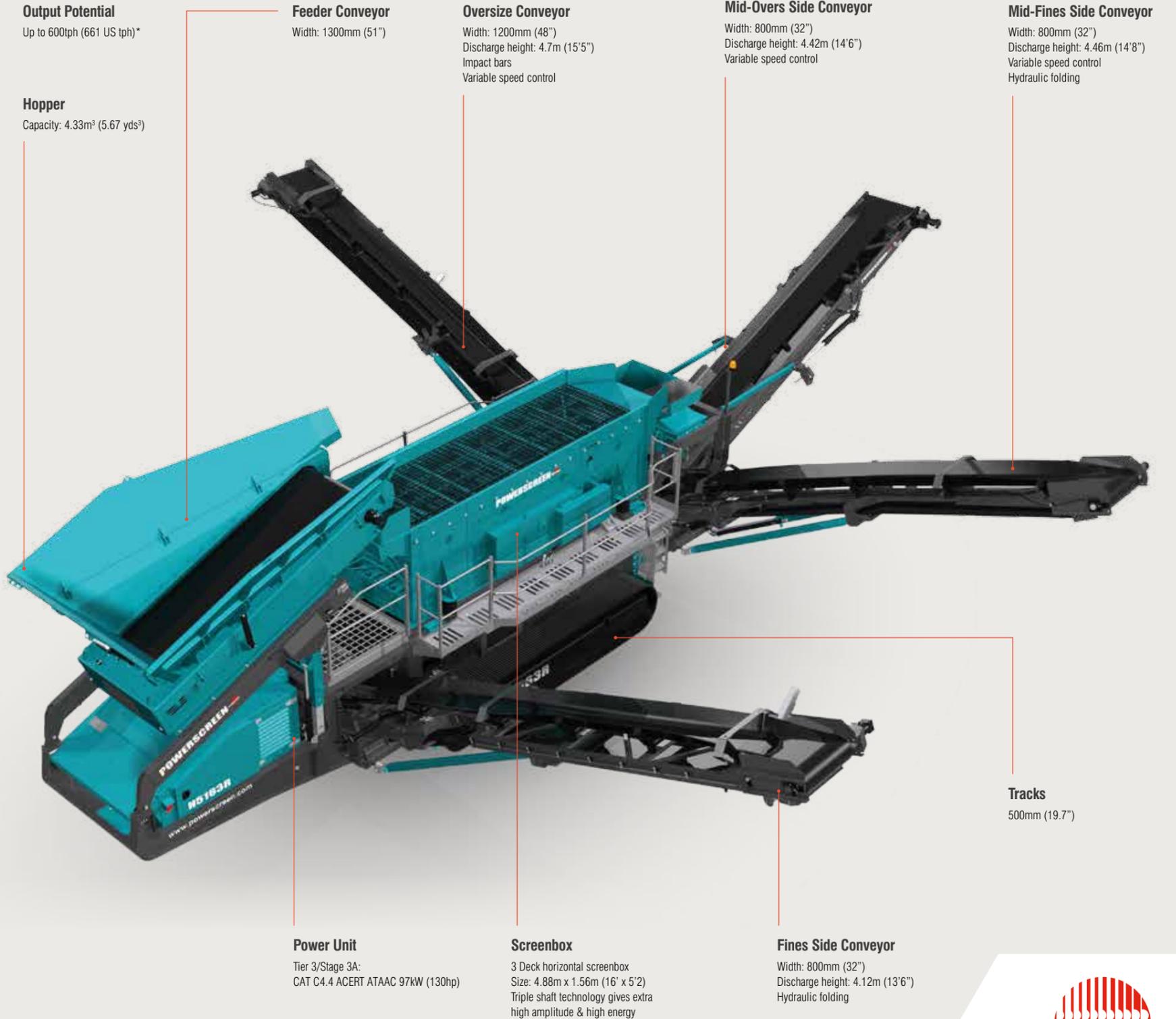
- Radio controlled tracking
- Roll-in bogie prepared
- Roll-in bogie equipped
- Variable speed incline apron feeder
- Chute arrangements offering blending between decks



H5163R

Weight (Est)	35,000kg (77,161lbs)
Transport width	3.1m (10'2")
Transport length	17.87 (58'7")
Transport height	3.4m (11'2")
Working width	16.32m (53'7")
Working length	18.6m (61')
Working height	4.63m (15'2")

*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 IIIA, Tier 4 / Stage IIIB, Tier 4 / Stage IV).



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 & H6203R offer higher capacity output; up to 800tph compared with up to 600tph with the H5163 & H5163R models.

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 screen box 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



H6203

Weight (Est)	46,500 kg
Transport width	3.2m (10'6")
Transport length	19.6m (64'5")
Transport height	3.6m (11'10")
Working width	16.25m
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 IIIA, Tier 4 / Stage IIIB, Tier 4 / Stage IV).

Output Potential
Up to 800tph (882 US tph)*

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

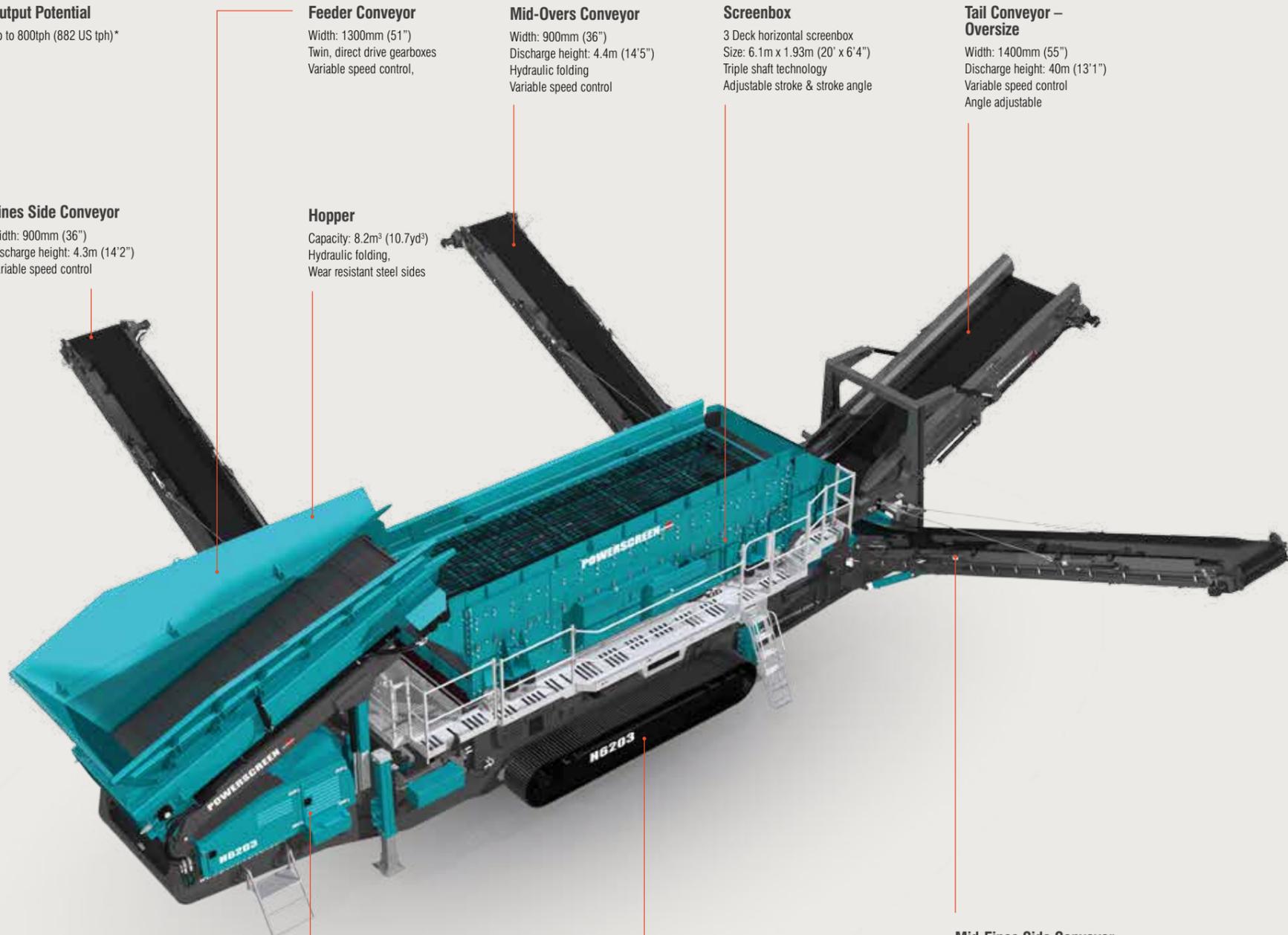
Mid-Overs Conveyor
Width: 900mm (36")
Discharge height: 4.4m (14'5")
Hydraulic folding
Variable speed control

Screenbox
3 Deck horizontal screenbox
Size: 6.1m x 1.93m (20' x 6'4")
Triple shaft technology
Adjustable stroke & stroke angle

Tail Conveyor – Oversize
Width: 1400mm (55")
Discharge height: 40m (13'1")
Variable speed control
Angle adjustable

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

Hopper
Capacity: 8.2m³ (10.7yd³)
Hydraulic folding,
Wear resistant steel sides



Power Unit
Tier 3/Stage 3A:
CAT C6.6 Acert 151kW (202 hp)
Tier 4/Stage 3B:
CAT C7.1 151kW (202hp)
Fuel tank capacity: 597L (158 US Gal)

Tracks
500mm (19.7")

Mid-Fines Side Conveyor
Width: 800mm (32")
Discharge height: 4.46m (14'8")
Variable speed control
Hydraulic folding



H6203R

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 & H6203R offer higher capacity output; up to 800tph compared with up to 600tph with the H5163 & H5163R models.

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
- Engine protection shutdown system
- Heavy duty triple shaft screenboxes 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
- Mid-over's product tail conveyor
- Oversize product side conveyor
- Full walkway access on three sides of screen
- Hydraulic load sensing on screen collection & fines discharge conveyors

Options

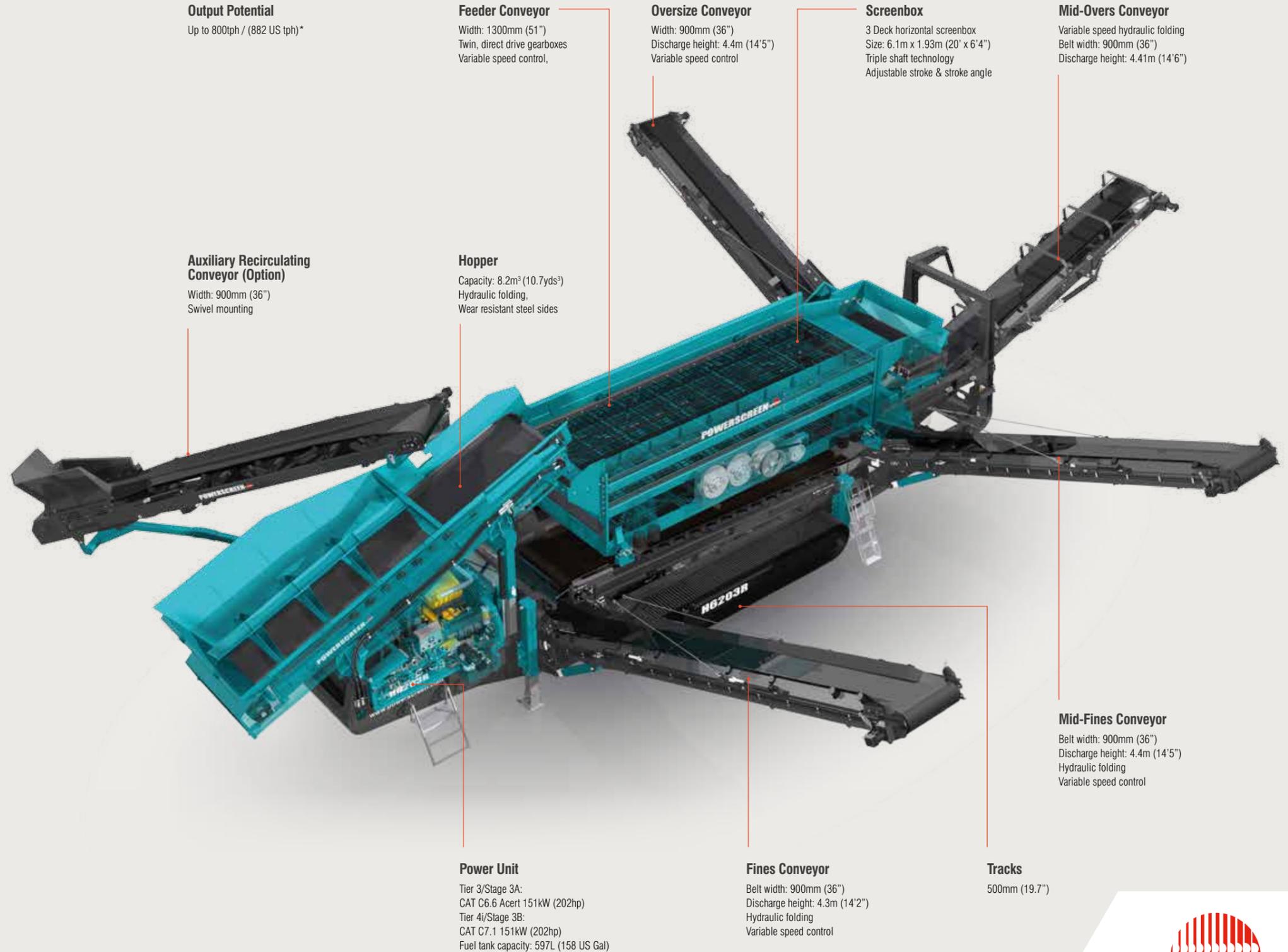
- Radio controlled tracking
- Dual power
- Roll-in bogie prepared
- Roll-in bogie equipped
- Variable speed incline apron feeder
- Auto lubrication system
- Wear resistant or mild steel punch plate screens
- Hinged trap doors offering blending options between decks



H6203R

Weight (Est)	46500 kg
Transport width	3.2m (10'6")
Transport length	18.99m (62'4")
Transport height	3.6m (11'10")
Working width	16.27m (53'4")
Working length	21.3m (69' 11")
Working height	4.7m (15' 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 IIIA, Tier 4 / Stage IIIB, Tier 4 / Stage IV).



POWERTRAK 750

The multi-purpose Powertrak 750 has been introduced to the scalping screen product portfolio. Robustly constructed, the Powertrak 750 is geared towards heavy duty scalping in applications such as blasted rock, overburden and Construction and Demolition waste. The lively screening action also delivers high performance in fine screening applications with materials such as crusher run and topsoil.

The Powertrak 750 features a vibrating grid feed-in width of 4.4m (14' 6"), meaning the machine can easily be fed with an excavator, loading shovel or grab. This coupled with its compact, sleek design and ease of movement makes the Powertrak 750 the ultimate choice for contractors, quarry operators & recycling customers.

Features & Benefits

- Quick set-up times
- Compact size allows easy transportation
- Maximum mobility with heavy duty, low ground pressure crawler tracks
- High performance hydraulic system – cast iron pumps & motors complete with hydraulic cooler
- Efficient design with low fuel consumption
- User-friendly operation and maintenance
- Class-leading stockpiling capacity
- Easy to access power unit canopy

Options

- Radio remote control
- Vibrating grid aperture 100mm (4")
- Applications
 - Sand & gravel
 - Blasted rock
 - River rock
 - C&D Waste
 - Overburden
 - Foundry waste
 - Topsoil
 - Processed ores
 - Processed minerals



POWERTRAK 750

Weight (Est)	19,000kg (41,890lbs)
Transport Width	2.82m (9' 3")
Transport Length	9.43m (31')
Transport Height	3.2m (10' 6")
Working Width	2.65m (8' 8")
Working Length	10.5m (34' 7")
Working Height	4.27m (14' 4")

*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 IIIA, Tier 4 / Stage IIIB, Tier 4 / Stage IV).

Output Potential

Up to 600tph (660 US tph)*

Discharge Conveyor

Dual speed belt with twin drive system
Width: 1200mm (48")
Discharge height: 3.4m (11'2")

Hopper & Vibrating Grid

Split level scalping grizzly
Capacity: 5m³ (6.5yd³)
Vibrating grid
3 End-tensioned meshes on bottom deck
Grid apertures: 150mm (6")



Power Unit

Tier 3/Stage 3A:
Deutz D914 L04 53kW (74hp)
Tier 4/Stage 3B:
CAT C3.4 56kW (75hp)

Tracks

Width: 400mm (15.7")



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