

POWERSCREEN® SCREENING 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 1400

The Powerscreen® Chieftain 1400 is one of Powerscreen's most popular screening models and is ideally suited for 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
- Screen walkway and access ladder
- Hydraulic folding conveyors

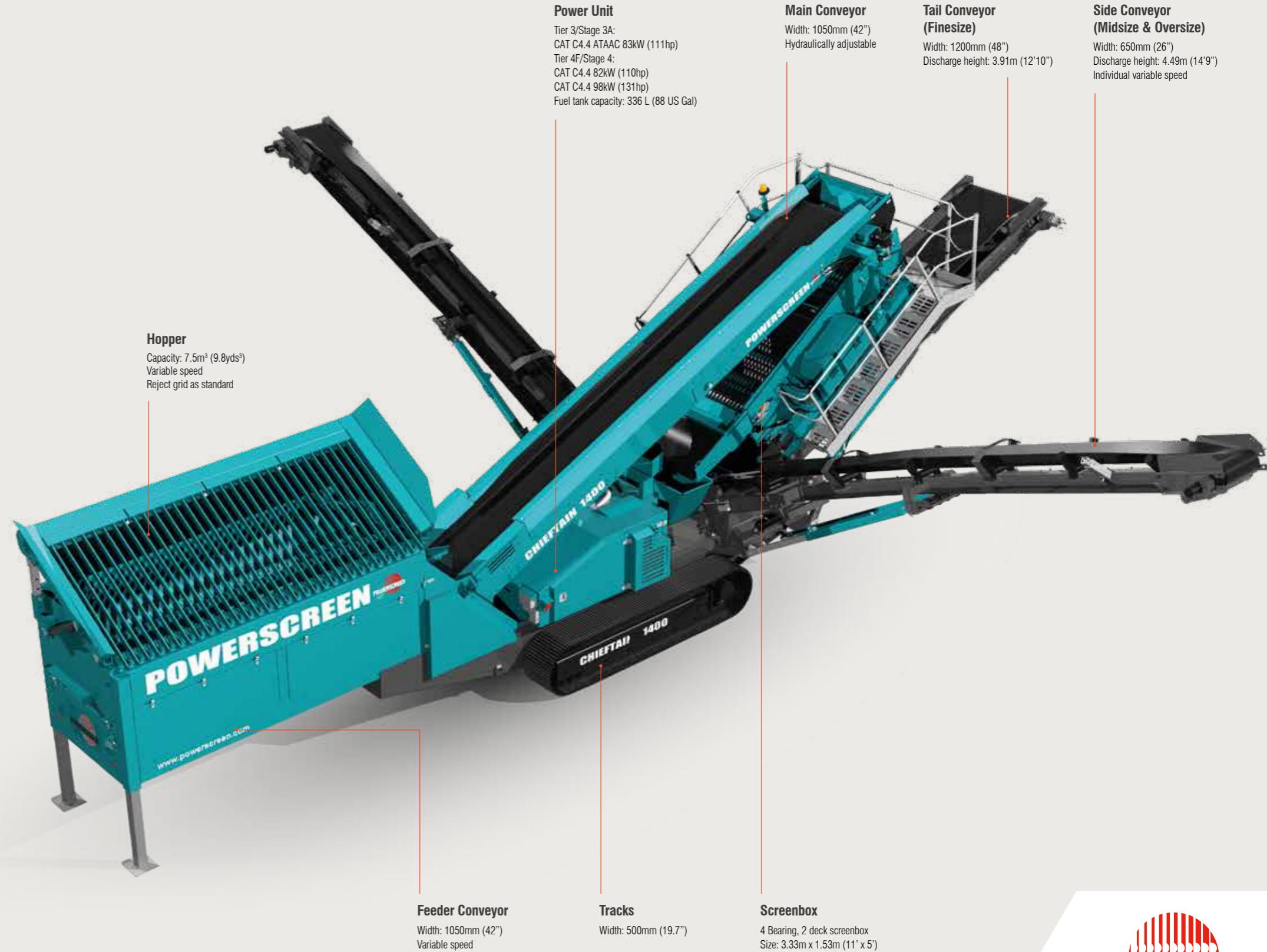
Options

- Wheel or track mobile
- Double deck vibrating grizzly
- Radio controlled tracks
- Roll-in bogie prepared
- Roll-in bogie equipped
- Quick release screen wedge tensioning
- Anti roll-back
- Auto lubrication system
- Hydraulic screen tensioning (Bottom Deck)



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	16.2m (53'2")	16.2m (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 3A, Tier 4/Stage 3B, Tier 4/Stage 4).



CHIEFTAIN 1700

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

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

Features & Benefits

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

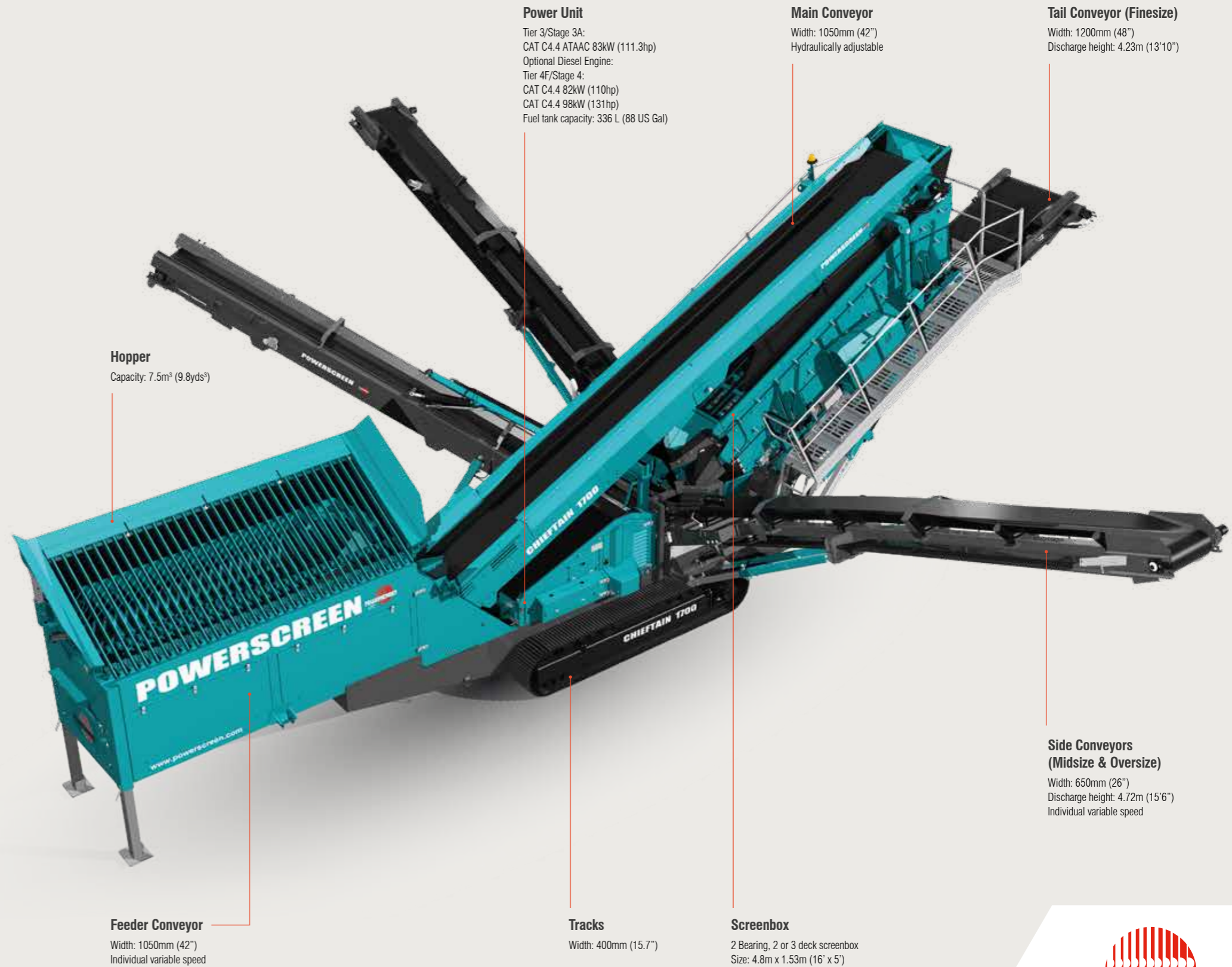
Options

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



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

*Output potential depends on application
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).



CHIEFTAIN 2100X

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

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

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

Features & Benefits

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

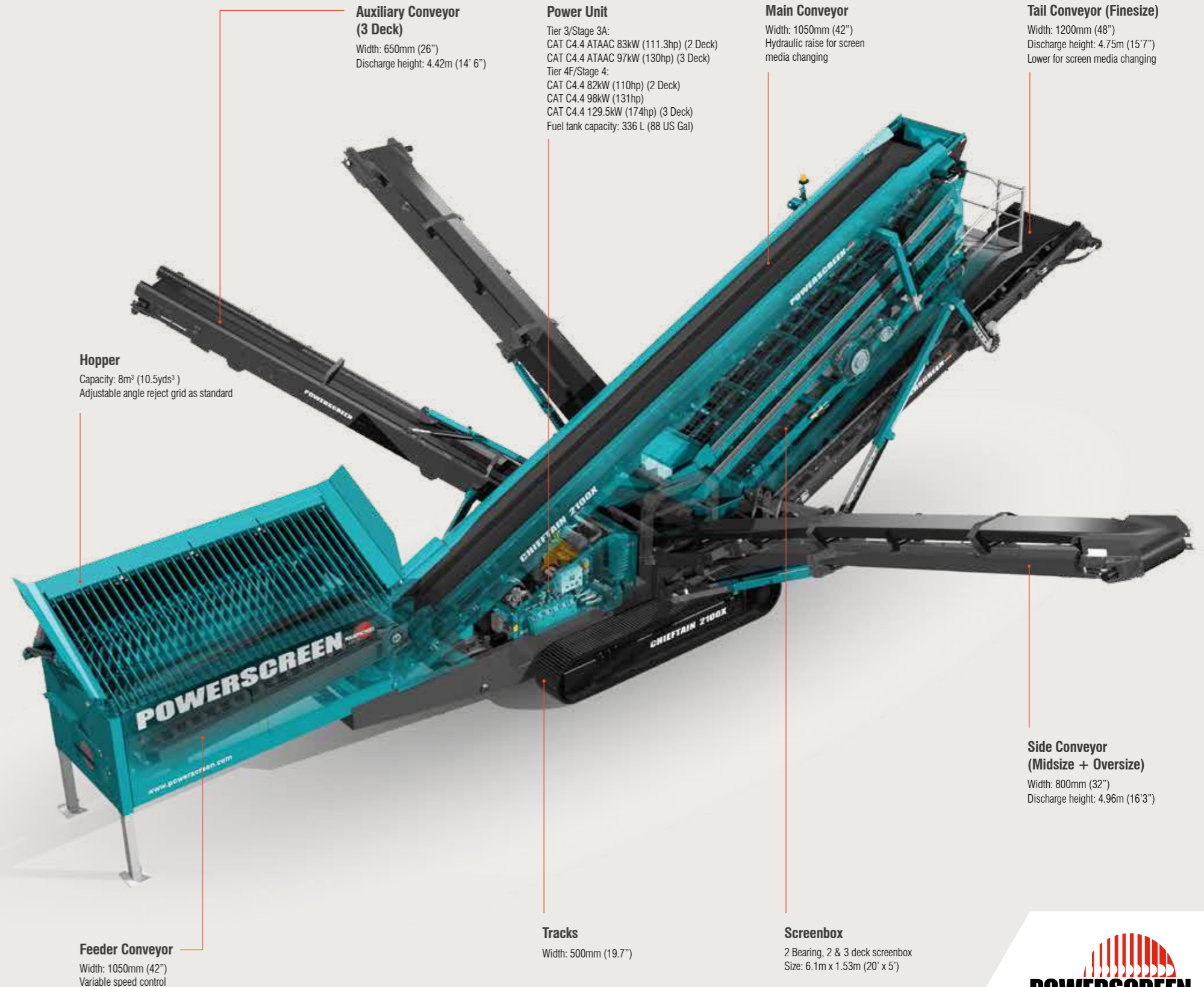
Options

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



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

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



CHIEFTAIN 2200 2 DECK

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

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

Features & Benefits

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

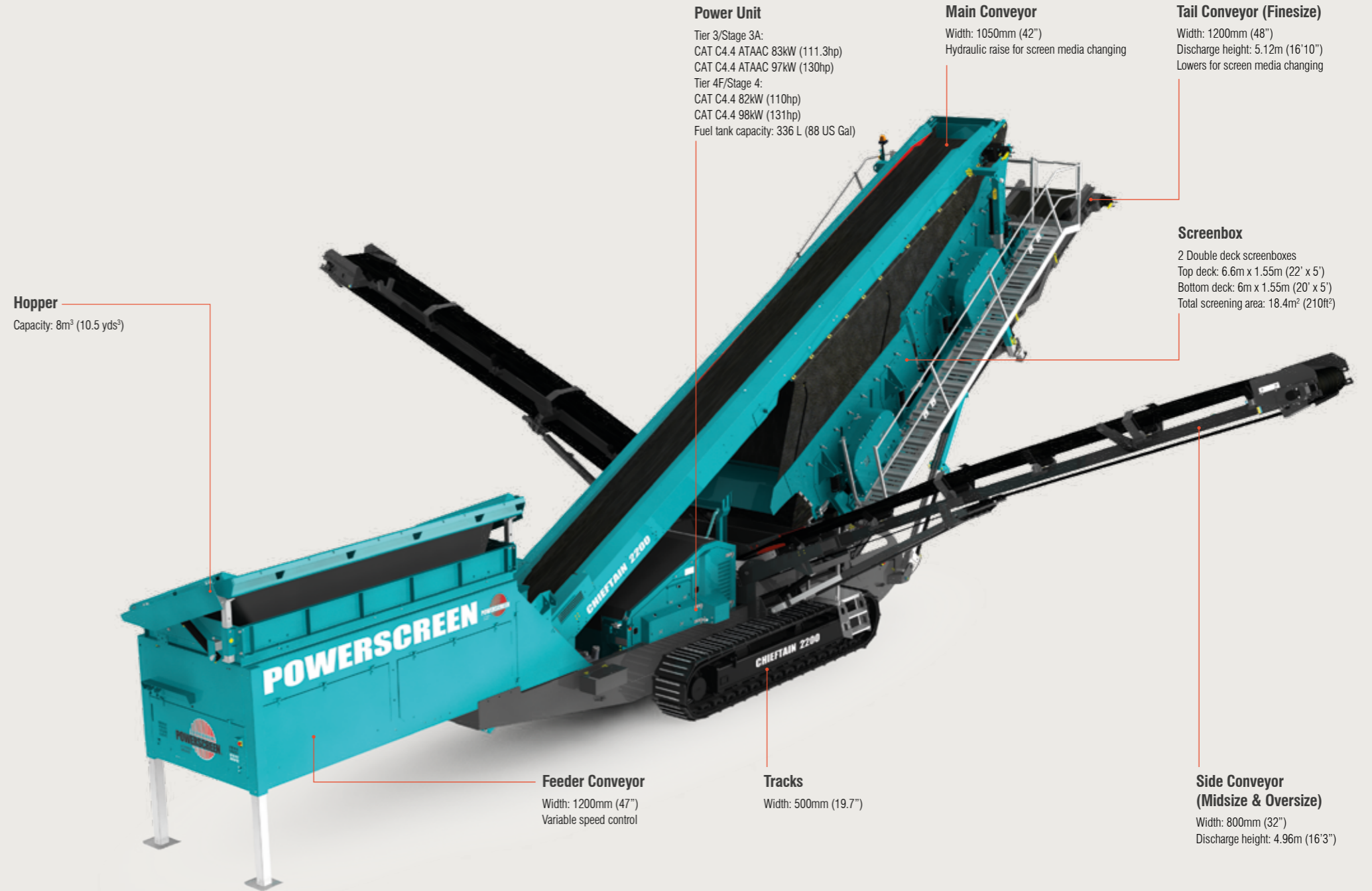
Options

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



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

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



CHIEFTAIN 2200 3 DECK

The Powerscreen Chieftain 2200 3 deck is designed for operators who require large volumes of high specification products with maximum versatility. Its patent pending drive system which allows switching between 2 and 4 bearing with bolt-on parts. By splitting up into two individual boxes, the Chieftain 2200 3 deck is able to run aggressively without the constraints of a larger box.

Features & Benefits

- Two 3 deck screenboxes
- Patent pending drive system to switch between 2 and 4 bearing arrangements
- Radio controlled tipping grid
- Integrated high capacity variable speed belt feeder
- Heavy duty single shaft screenboxes with adjustable stroke, angle and speed
- Hydraulic screen tensioning (bottom deck)
- Screen walkway and access ladder
- Hydraulic folding conveyors with excellent stockpiling capacity
- Hydraulic walkway fold out mechanism using screen tensioning system

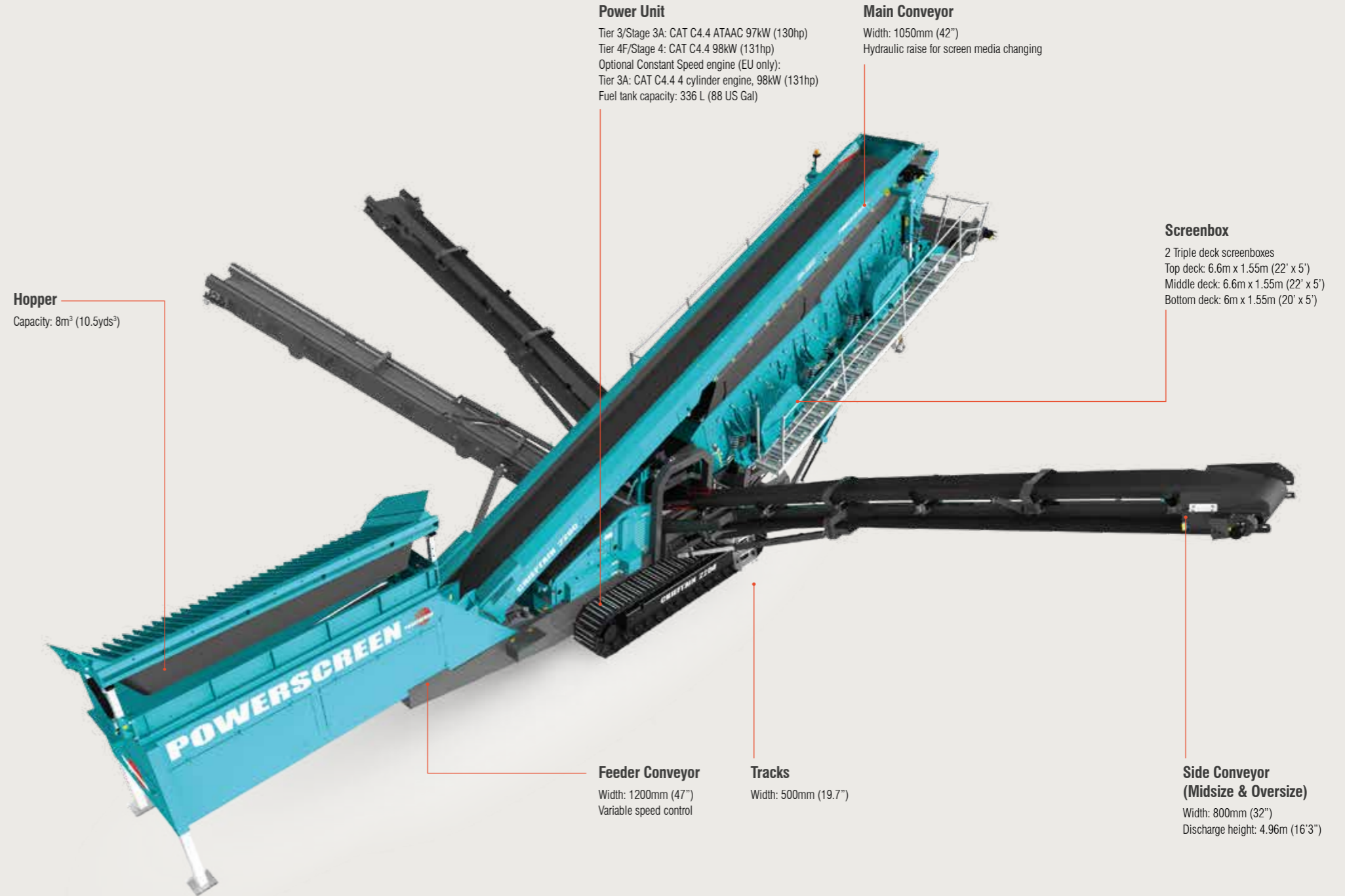
Options

- Double deck vibrating grizzly
- Radio controlled tracking
- Anti roll-back
- Dual Power
- Auto lubrication system
- Dust suppression
- Quick release wedge tensioning (top decks)
- Transfer conveyor in place of oversize chute
- Extended auxiliary conveyor
- Telescopic conveyor and transfer conveyor provide excellent recirculation of oversize to all Powerscreen crushers via adjustable swivel and incline angles.



CHIEFTAIN 2200	WITH GRID	WITH DOUBLE DECK VIBRATING GRID
Weight (Est)	39,400kg (86,862lbs)	43,400kg (95,680lbs)
Transport width	3m (9' 10")	3m (9' 10")
Transport length	19.77m (64' 11")	19.77m (64' 11")
Transport height	3.6m (11' 10")	3.6m (11' 10")
Working width	18.3m (60')	18.3m (60')
Working length	20.2m (66' 4")	20.2m (66' 4")
Working height	7.43m (24' 4")	7.43m (24' 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 3A, Tier 4/Stage 3B, Tier 4/Stage 4).



WARRIOR 600

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

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

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

Features & Benefits

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

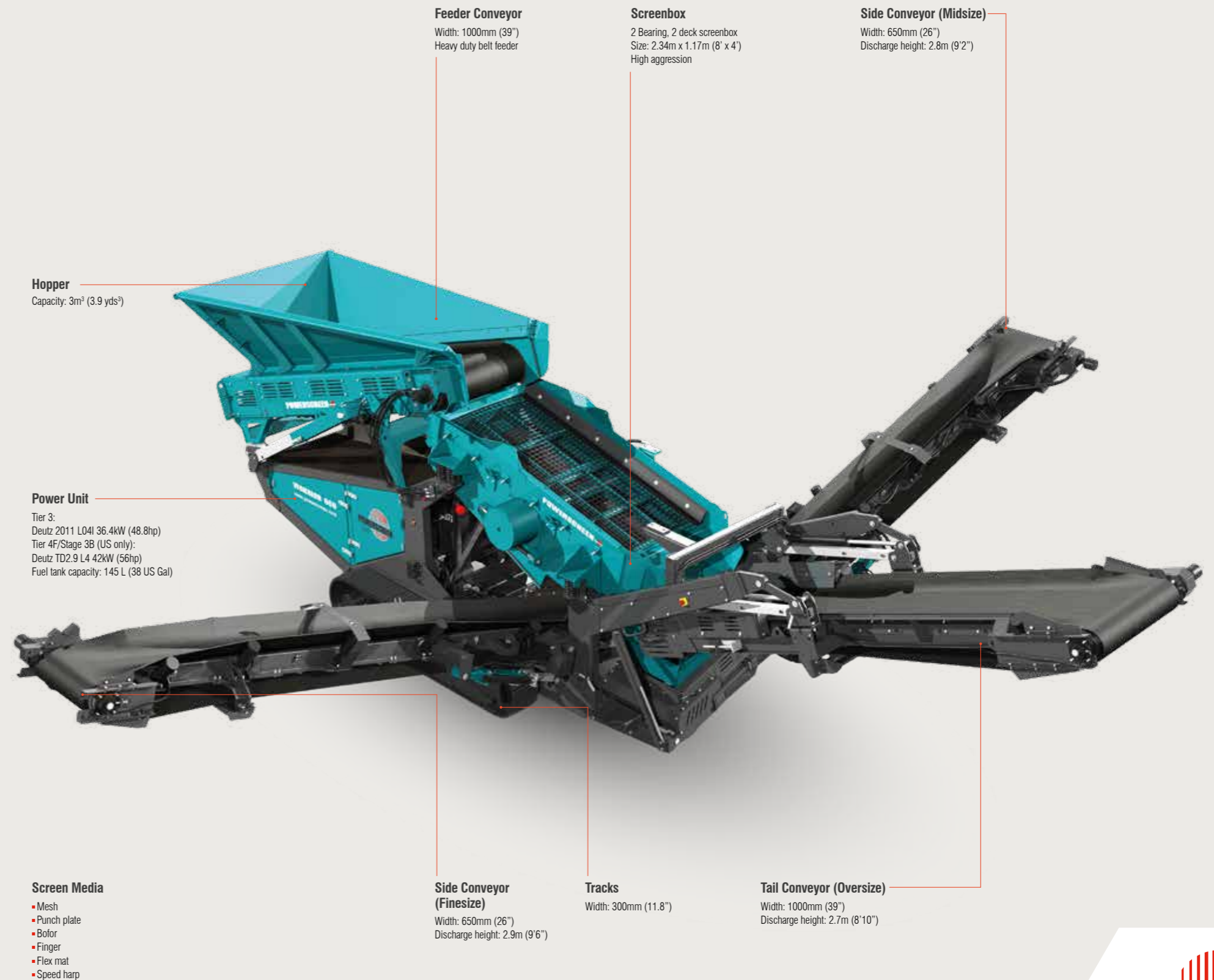
Options

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



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

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



WARRIOR 800

The Powerscreen® Warrior 800 has been specifically designed for those for whom versatility and transportability are of key importance. The machine is a multi-purpose heavy duty incline two 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.
- Hydraulic folding conveyors with excellent stockpiling capacity

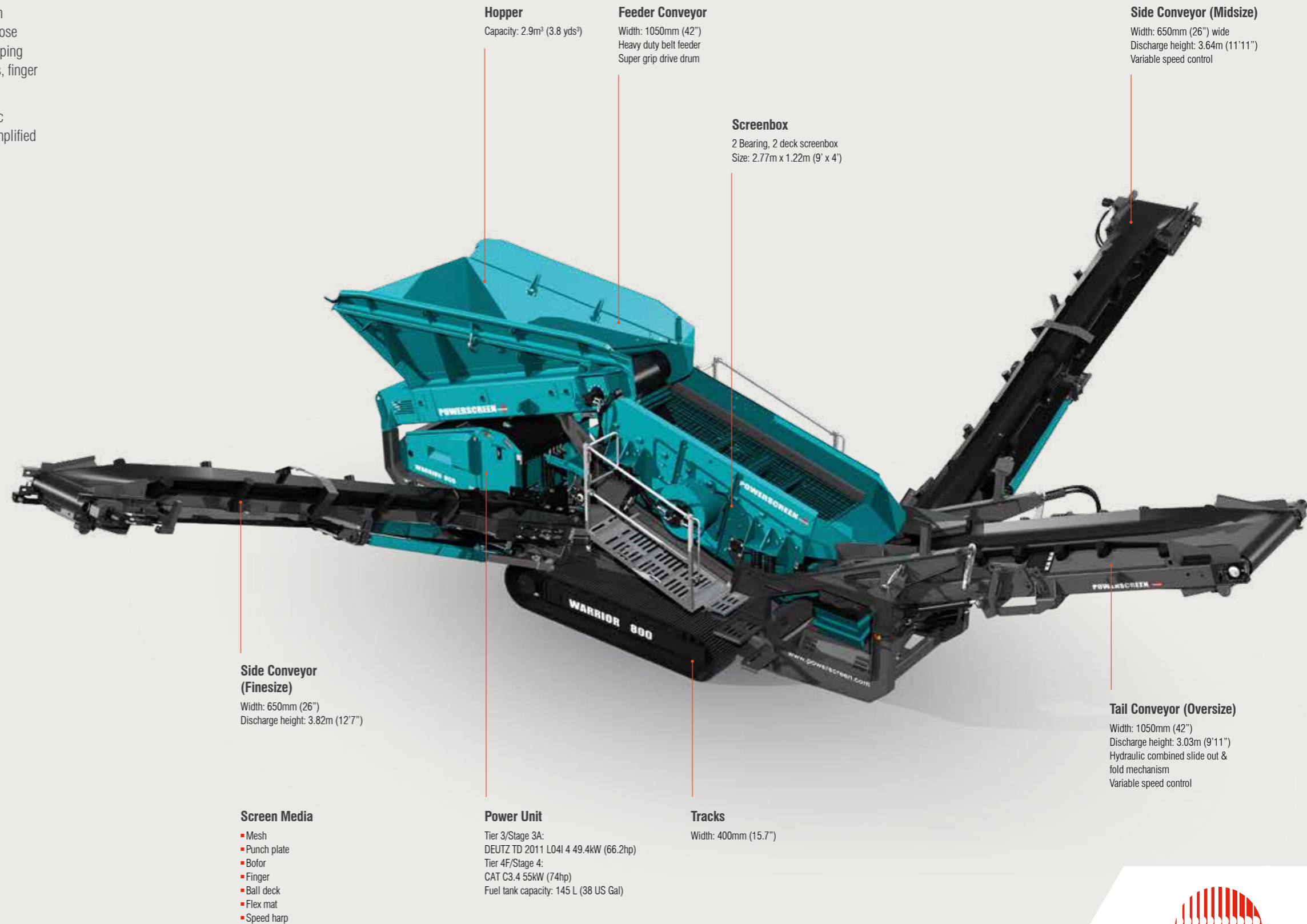
Options

- 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)	16,700kg (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 3A, Tier 4/Stage 3B, Tier 4/Stage 4).



Hopper
Capacity: 2.9m³ (3.8 yds³)

Feeder Conveyor
Width: 1050mm (42")
Heavy duty belt feeder
Super grip drive drum

Side Conveyor (Midsize)
Width: 650mm (26") wide
Discharge height: 3.64m (11'11")
Variable speed control

Screenbox
2 Bearing, 2 deck screenbox
Size: 2.77m x 1.22m (9' x 4')

Side Conveyor (Finesize)
Width: 650mm (26")
Discharge height: 3.82m (12'7")

Tail Conveyor (Oversize)
Width: 1050mm (42")
Discharge height: 3.03m (9'11")
Hydraulic combined slide out & fold mechanism
Variable speed control

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

Power Unit
Tier 3/Stage 3A:
DEUTZ TD 2011 L041 4 49.4kW (66.2hp)
Tier 4F/Stage 4:
CAT C3.4 55kW (74hp)
Fuel tank capacity: 145 L (38 US Gal)

Tracks
Width: 400mm (15.7")



WARRIOR 1200

The Powerscreen Warrior 1200 is the most compact 12ft scalping screen in today's market. Despite this footprint, with a highly aggressive screen at its heart, the Warrior 1200 is not overshadowed by its competition. Building on the success of the Warrior 600, the Warrior 1200 boasts excellent service access, high capacity and a low cost of ownership.

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

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

Features & Benefits

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

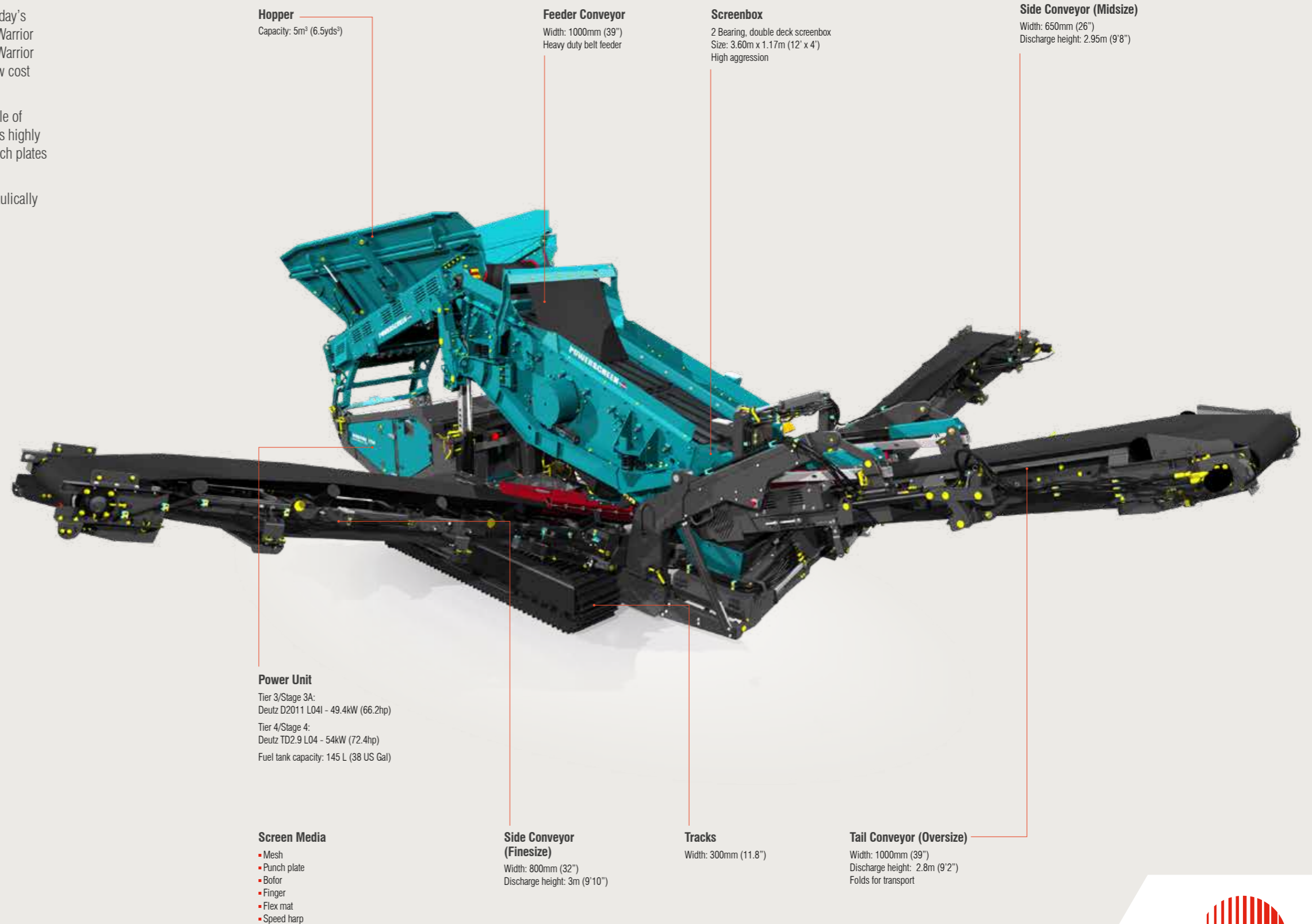
Options

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



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

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



WARRIOR 1400X/1400XE

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 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 greenwaste, soil, concrete, wood and asphalt.

The Warrior 1400XE has been designed to meet the needs of customers for whom electricity is a preferred power source and opens up the possibility to run the machine indoors. It can be powered by electricity generated by other Powerscreen models. The main benefit of the Warrior 1400XE is the variety of power options available. It can be self-powered with its own 72kVA generator, or be connected to a mains electricity supply for even further reductions in cost of ownership.

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 (Warrior 1400X only)
- Self-powered by the on-board Genset or by external mains supply (Warrior 1400XE)

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 (Warrior 1400X only)
- Hopper extensions
- Screen blanket



WARRIOR	WARRIOR 1400X/1400XE (2 WAY SPLIT)	WARRIOR 1400X/1400XE (3 WAY SPLIT)
Weight (Est)	27,200kg (59,965lbs)	30,000kg (66,138lbs)
Transport width	2.75m (9'0")	2.75m (9'0")
Transport length	13.62m (44'8")	14.17m (46'6")
Transport height	3.20m (10'6")	3.20m (10'6")
Working width	8.13m (26'8")	12.59m (41'3")
Working length	13.96m (45'10")	14.20m (46'7")
Working height	4.40m (14' 5")	4.40m (14' 5")

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

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

Power Unit

Warrior 1400X
Tier 3/Stage 3A:
CAT C4.4 ATAAC 90kW (121hp)
Tier 4F/Stage 4:
CAT C4.4 82kW (110hp)
Fuel tank capacity: 336 L (88 US Gal)

Warrior 1400XE
Tier 3/Stage 3A:
CAT C4.4 ATAAC 85kW (113hp)
Tier 4 Final/Stage 4:
CAT C4.4 70kW (93hp)
Fuel tank capacity: 336 L (88 US Gal)

Screen Media

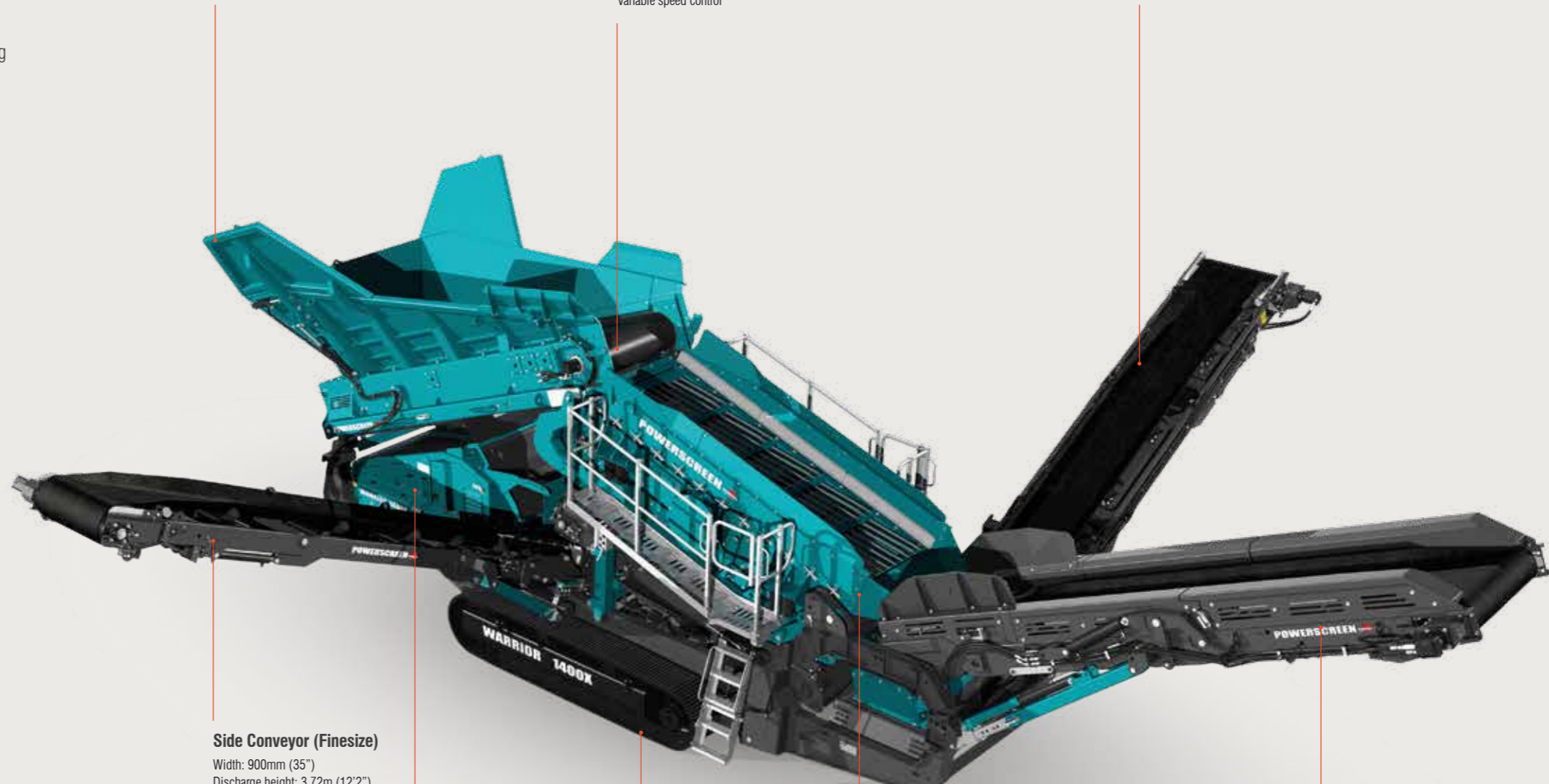
- Mesh
- Punch plate
- Bofor
- Finger
- Ball deck
- Flex mat
- Speed harp

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 screenbox
- 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

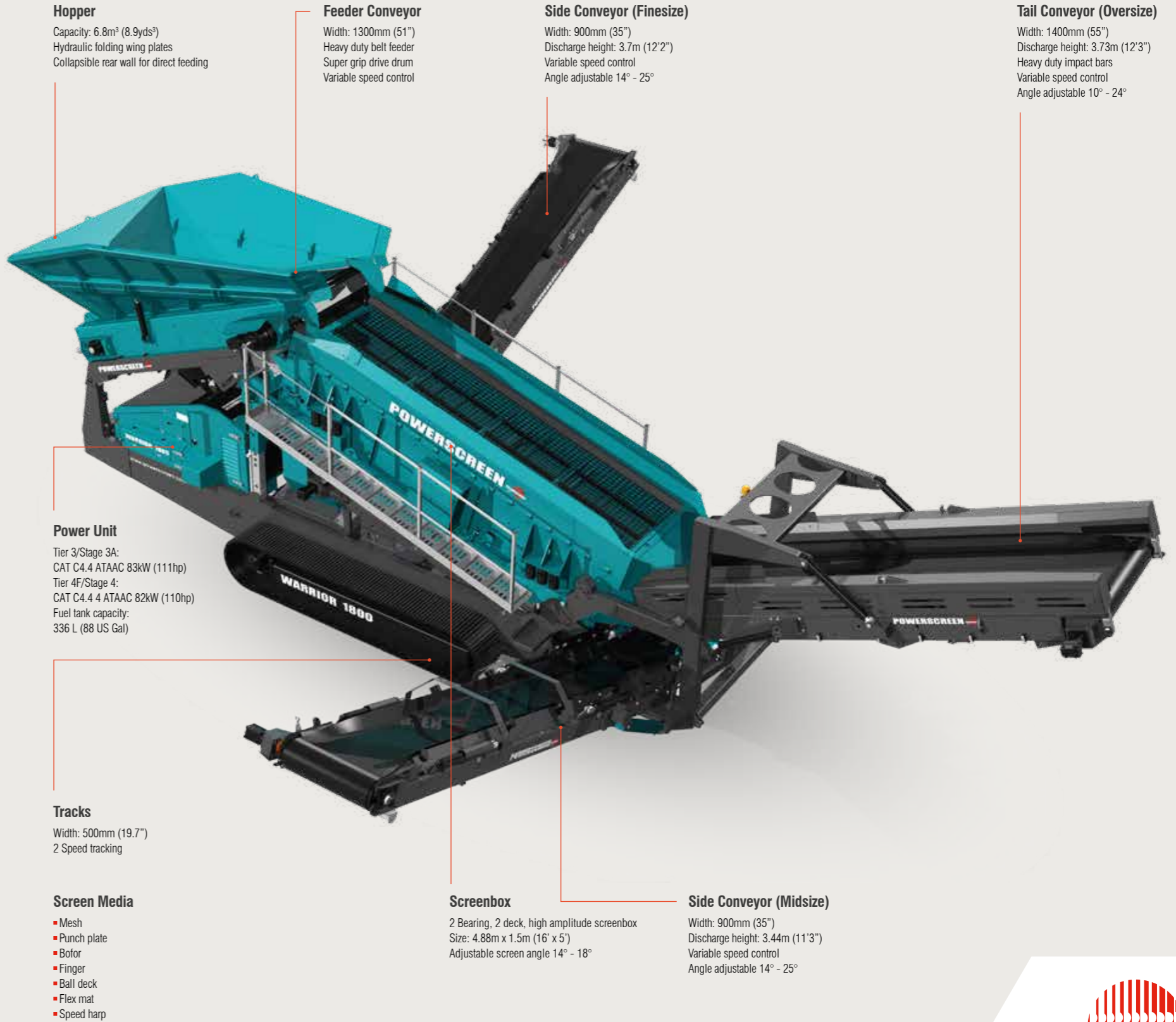
Options

- 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)	2 WAY SPLIT	3 WAY SPLIT
Weight (Est)	27,800kg (61,300lbs)	29,000kg (63,934lbs)
Transport width	2.96m (9' 8")	2.96m (9' 8")
Transport length	14.99m (49' 2")	15.38m (50' 6")
Transport height	3.39m (11' 2")	3.39m (11' 2")
Working width	7.74m (25' 5")	12.6m (41' 4")
Working length	14.03m (46')	14.3m (47' 2")
Working height	4.55m (14' 11")	4.57m (14' 11")

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



WARRIOR 2100

1 Machine 3 Interchangeable Screens

- ✓ Triple shaft
- ✓ Single shaft
- ✓ Spaleck

The Warrior 2100 is engineered to include the proven Triple Shaft and Single Shaft technology which is unique to Powerscreen heavy duty mobile screens. The triple shaft design ensures that the 16' x 5' screenbox 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.

The single shaft screen provides the Warrior 2100 with the balance to screen efficiently in less demanding applications when the power of a triple shaft drive or the precision of a Flip-Flow deck is not required. The single shaft screen provides effective screening capabilities with a more conventional approach. Supported on 2 x 130mm bearings the single shaft screen provides an impressive screening stroke and screening angles of up to 18 degrees.

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 greenwaste, soil, concrete, wood and asphalt.

Features & Benefits

- Heavy duty, 2 deck screenbox 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

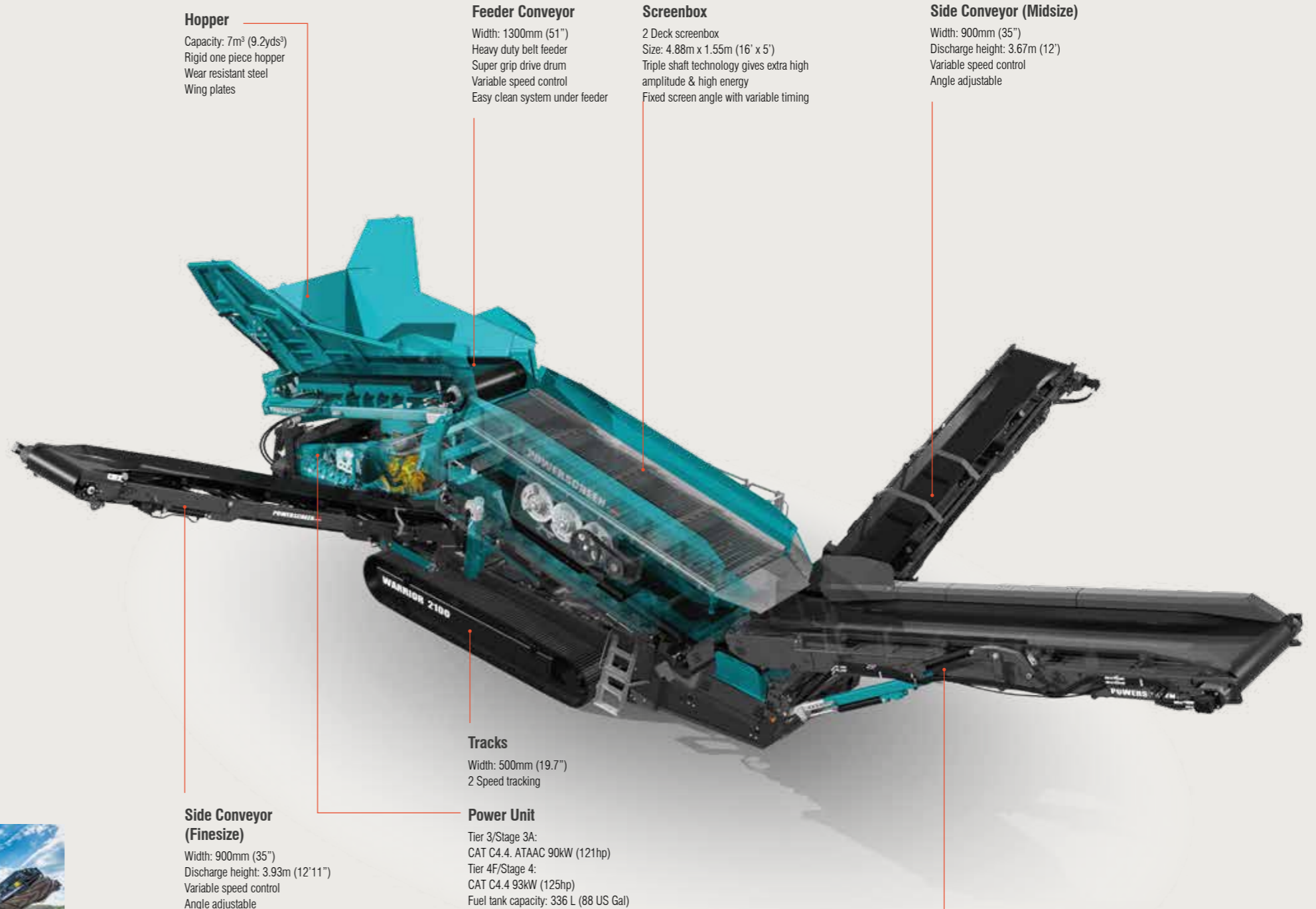
Options

- 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
- Interchangeable Single Shaft screenbox

WARRIOR 2100	2 WAY SPLIT	3 WAY SPLIT
Weight (Est)	33,400kg (73,634lbs)	34,800kg (76,720lbs)
Transport width	3m (9'10")	3m (9'10")
Transport length	15.48m (50'9")	16.02m (52'7")
Transport height	3.4m (11'2")	3.4m (11'2")
Working width	8.58m (28'2")	13.6m (44'7")
Working length	15.77m (51'9")	16.3m (53'5")
Working height	4.38m (15'10")	4.5m (14'9")



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



Hopper

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

Feeder Conveyor

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

Screenbox

2 Deck screenbox
Size: 4.88m x 1.55m (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

Width: 500mm (19.7")
2 Speed tracking

Power Unit

Tier 3/Stage 3A:
CAT C4.4. ATAAC 90kW (121hp)
Tier 4F/Stage 4:
CAT C4.4 93kW (125hp)
Fuel tank capacity: 336 L (88 US Gal)

Side Conveyor (Finesize)

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

Screen Media

- Top deck:
- Steel 3D Punch plate
 - Rubber 3D Punch plate
 - Rubber punchplate
 - Steel punchplate
- Bottom deck:
- Dynamic flip flow

Tail Conveyor (Oversize)

Width: 1400mm (55")
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
Angle adjustable 0° - 24°



WARRIOR 2100 SINGLE SHAFT

1 Machine
3 Interchangeable Screens

- ✓ Triple shaft
- ✓ Single shaft
- ✓ Spaleck

The Warrior 2100 is engineered with Single Shaft technology which provides the balance to screen efficiently in less demanding applications. The single shaft screen provides effective screening capabilities with a more conventional approach. Supported on 2 x 130mm bearings the single shaft screen provides an impressive screening stroke and screening angles of up to 18 degrees. The same chassis also accepts a Warrior 2100 Triple Shaft or Spaleck Screen making this an extremely versatile solution.

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 greenwaste, soil, concrete, wood and asphalt.

Features & Benefits

- Heavy duty, 2 deck screenbox featuring Single Shaft technology supported on 2 x 130mm bearings providing an impressive screening stroke and screening angles up to 18 degrees.
- 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
- Screen blanket
- Hydraulically tensioned bottom deck
- Powerscreen Pulse

WARRIOR 2100 SINGLE SHAFT 3 WAY SPLIT

Weight (Est)	34,300kg (75,619lbs)
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	4.68m (15'4")



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

Hopper

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

Feeder Conveyor

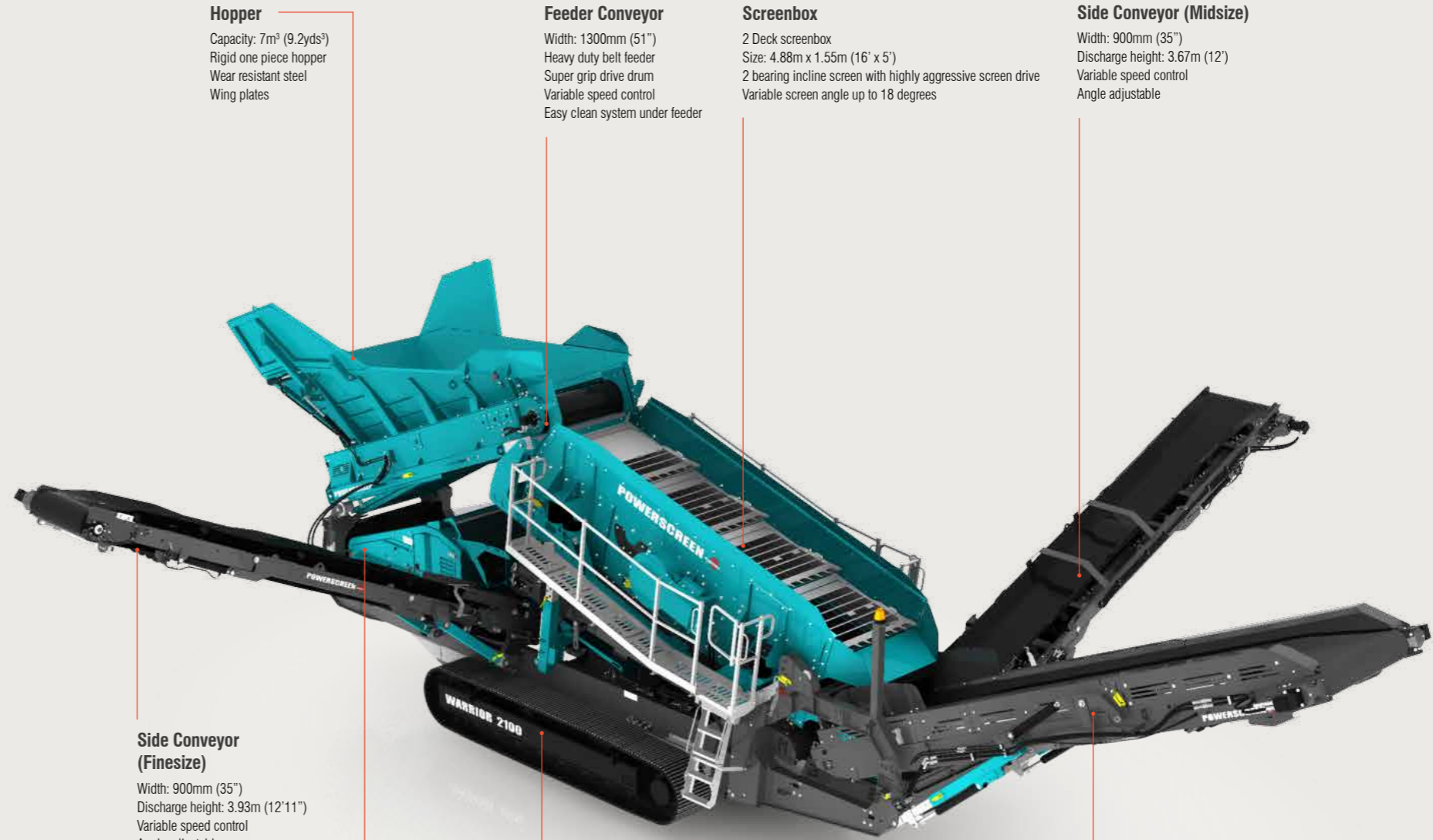
Width: 1300mm (51")
Heavy duty belt feeder
Super grip drive drum
Variable speed control
Easy clean system under feeder

Screenbox

2 Deck screenbox
Size: 4.88m x 1.55m (16' x 5')
2 bearing incline screen with highly aggressive screen drive
Variable screen angle up to 18 degrees

Side Conveyor (Midsize)

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



Side Conveyor (Finesize)

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

Tracks

Width: 500mm (19.7")
2 Speed tracking

Power Unit

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

Screen Media

- Top deck:
- Finger/Punch Plate Combination Deck
 - 3D Punch Plate
 - Bofor Screens
 - Finger screens
 - Punch Plate
 - Screen Mesh
- Bottom deck:
- Finger Screens
 - Punch Plate
 - Screen Mesh

Tail Conveyor (Oversize)

Width: 1400mm (55")
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
Angle adjustable 0° - 24°



WARRIOR 2100 SPALECK

1 Machine 3 Interchangeable Screens

- ✓ Triple shaft
- ✓ Single shaft
- ✓ Spaleck

The Warrior 2100 Spaleck screen is the ultimate in mobile screening and separation technology. At the heart of the product is the 2 deck high performance waste recycling screen featuring Flip-Flow-Screen technology. The unique stepped top deck design combined with state of the art Flip-Flow bottom deck puts this recycling screen into a class of its own for customers in many sectors of the waste recycling industry.

The Warrior 2100 Spaleck screens suit a wide range of shapes and sizes and can be deployed in a variety of applications including Quarry, Coal, Scrap, Commercial Waste, Compost/Mulch/Soil, Slag/Ash and Auto Fluff due to the options available.

Features & Benefits

- 3D top deck screen media
- Flip-Flow bottom deck with quick clamping for easy removal
- Heavy duty inclined 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

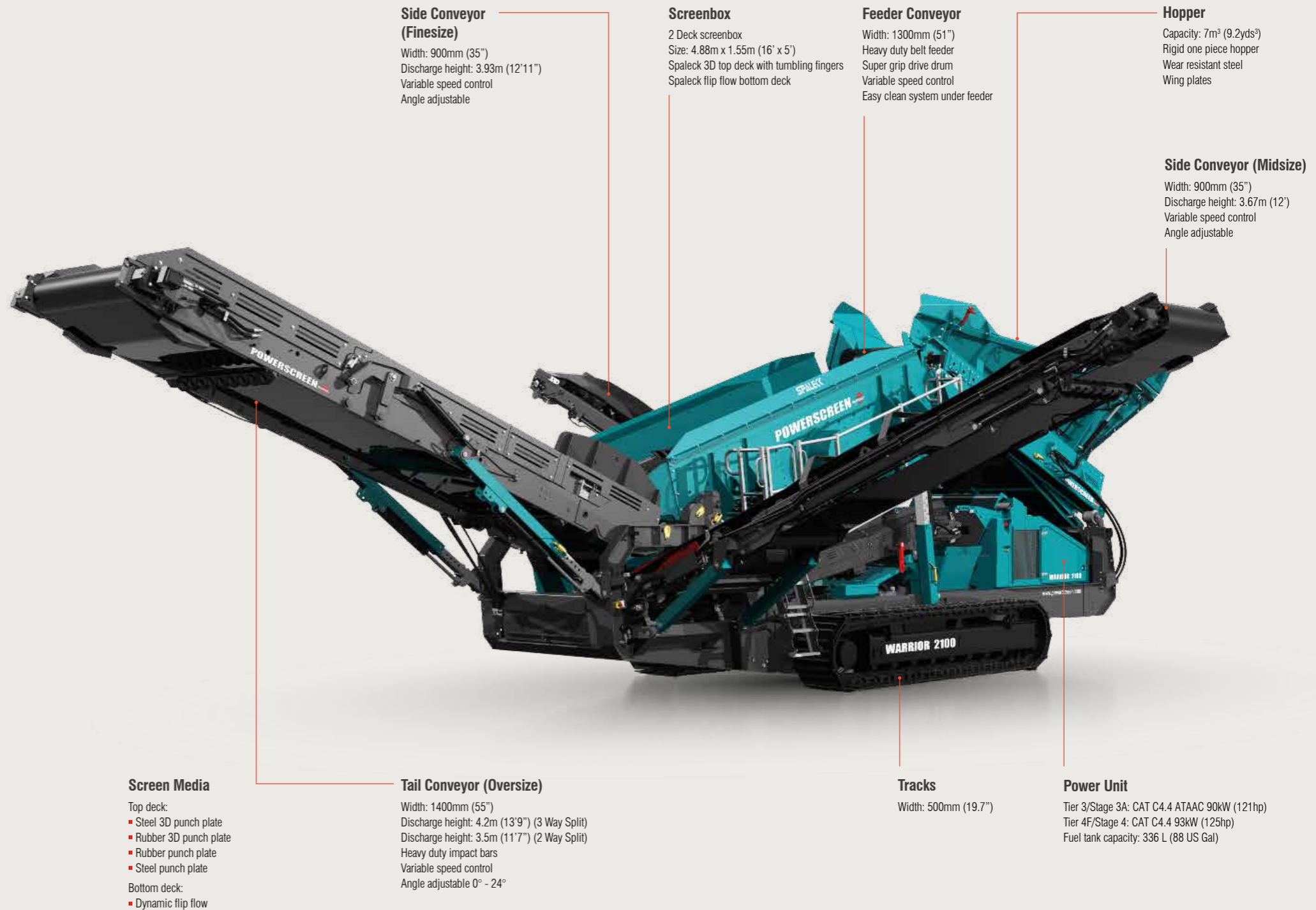
Options

- 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 way split configuration



WARRIOR 2100 SPALECK	2 WAY SPLIT	3 WAY SPLIT
Weight (Est)	33,400kg (73,634lbs)	34,300kg (75,618lbs)
Transport width	3m (9'10")	3m (9'10")
Transport length	15.48m (50'9")	16.02m (52'7")
Transport height	3.4m (11'2")	3.4m (11'2")
Working width	8.58m (28'2")	13.6m (44'7")
Working length	15.77m (51'9")	16.3m (53'5")
Working height	4.83m (15'10")	4.5m (15'6")

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



WARRIOR 2400

Specially designed for large scale operations in the quarrying and mining sectors, the 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 screenbox with adjustable frequency, timing and amplitude
- Elliptical Throw adjustable up to 15mm

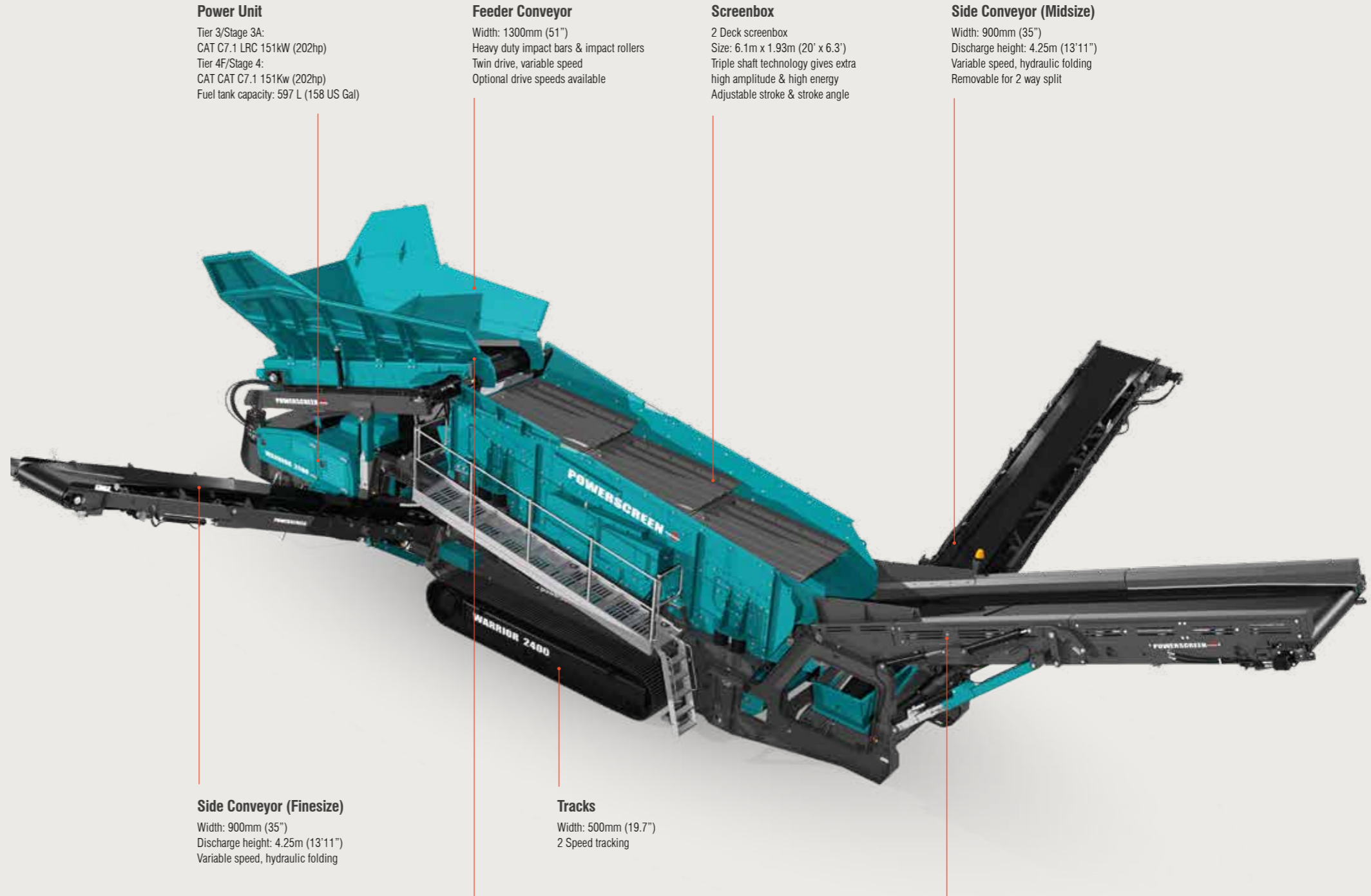
Options

- 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)	43,000kg (94,779lbs)	46,200kg (101,853lbs)
Transport width	3m (9'10")	3m (9'10")
Transport length	17.2m (56'5")	17.3m (56'10")
Transport height	3.6m (11'10")	3.6m (11'10")
Working width	9.6m (31'5")	15.3m (50'4")
Working length	18.3m (60'2")	18.5m (60'8")
Working height	4.9m (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 3A, Tier 4/Stage 3B, Tier 4/Stage 4).



Power Unit

Tier 3/Stage 3A:
CAT C7.1 LRC 151kW (202hp)
Tier 4F/Stage 4:
CAT CAT C7.1 151Kw (202hp)
Fuel tank capacity: 597 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 6.3')
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)

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

Tracks

Width: 500mm (19.7")
2 Speed tracking

Screen Media

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

Hopper

Capacity: 10m³ (13 yds³.)
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



H6203

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

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

Features & Benefits

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

Options

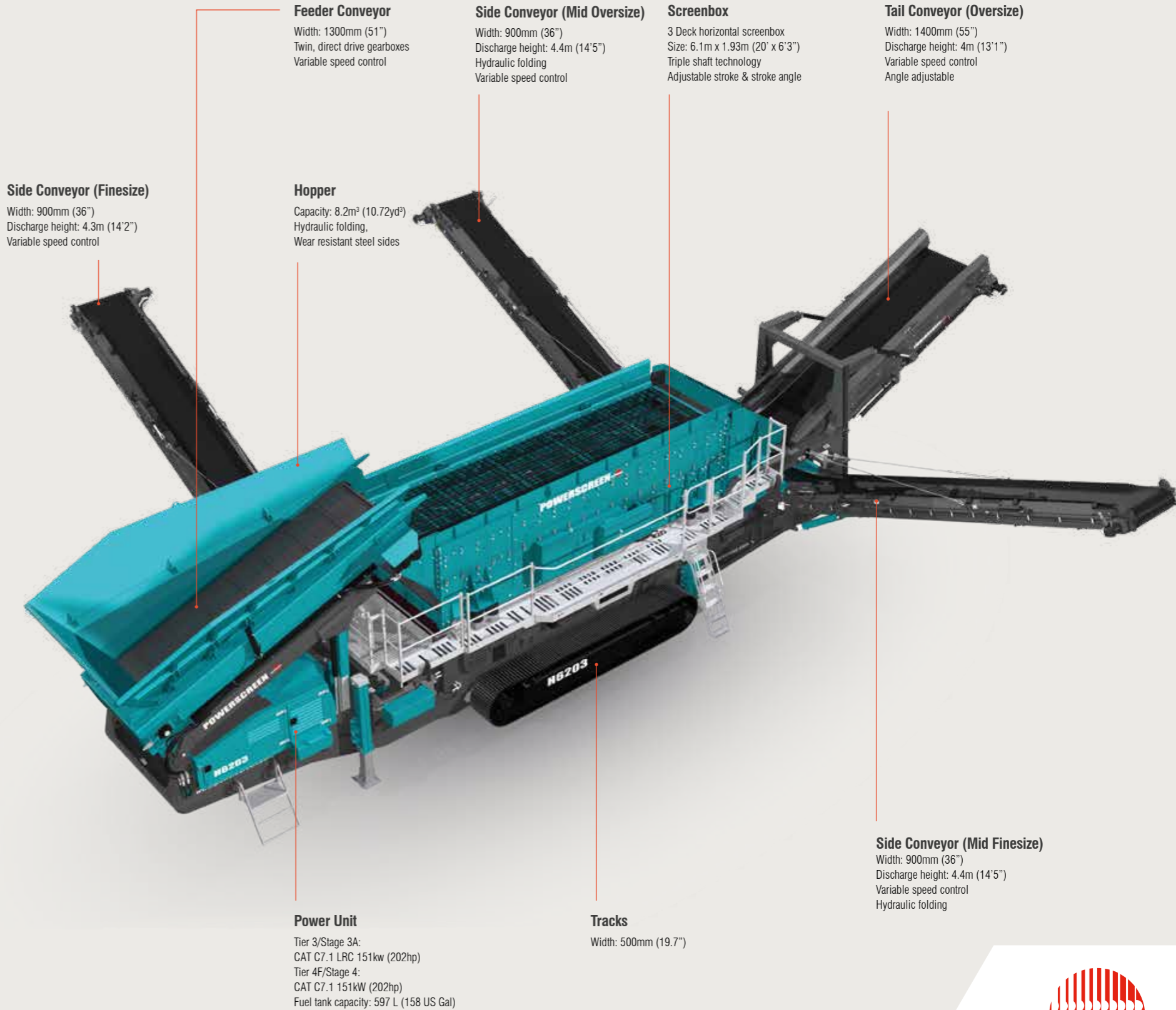
- Radio controlled tracking
- Roll-in bogie prepared
- Roll-in bogie equipped
- Variable speed incline apron feeder
- Chute arrangements offering blending between decks
- Incline Apron feeder
- Light duty belt feeder



H6203

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

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



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 H6203R offers high capacity output of up to 800tph / (882 US tph).

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

Features & Benefits

- High capacity variable speed belt feeder
- Oil bath screenbox bearing lubrication
- Screen walkway and access ladder
- Hydraulic folding stockpiling conveyors
- 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

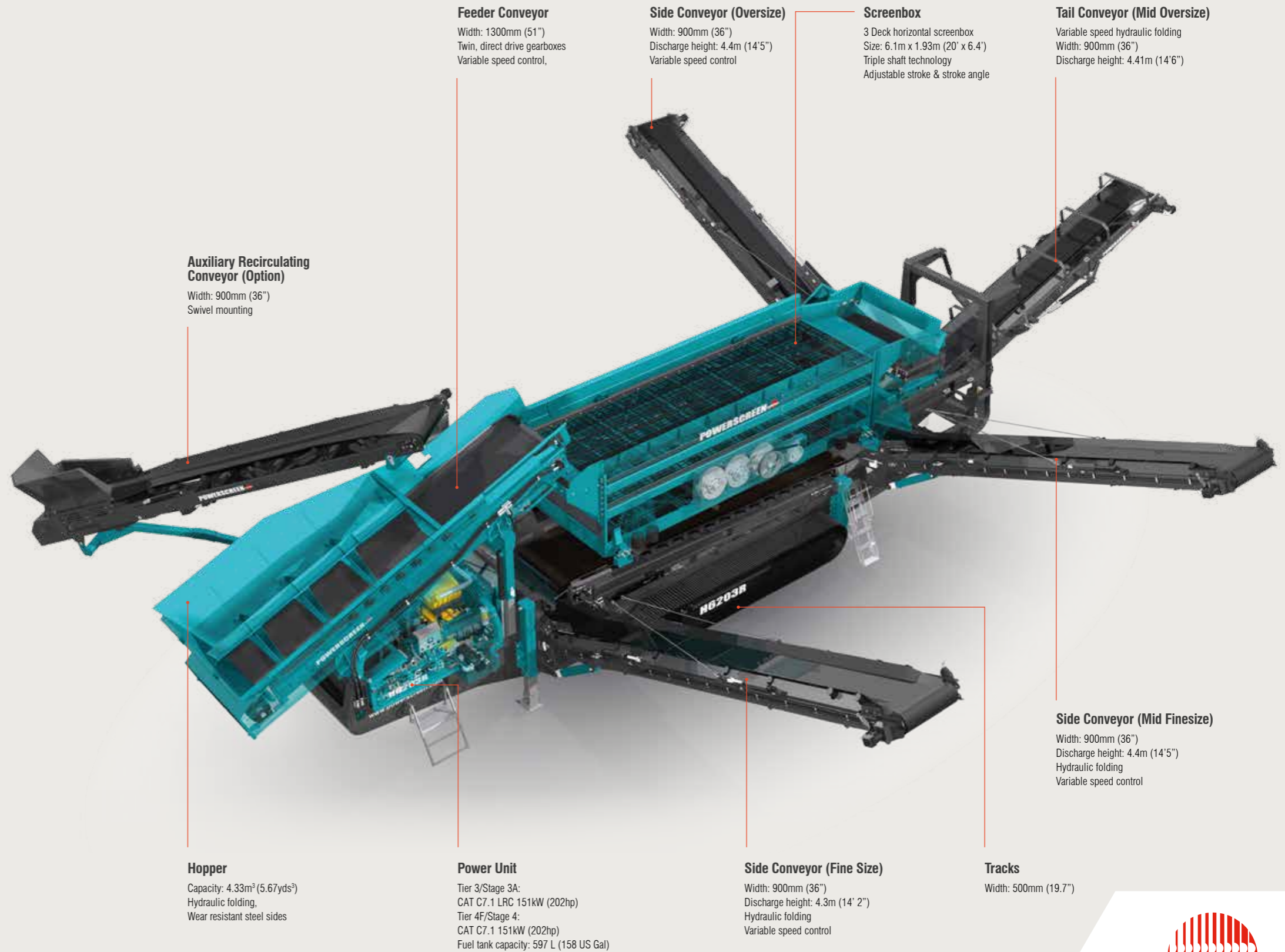
- Radio controlled tracking
- Dual Power (additional electric hydraulic drive)
- Roll-in bogie prepared
- Roll-in bogie equipped
- Variable speed incline apron feeder
- Auto lubrication system
- Wear resistant or mild steel punch plate screens
- Hinged trap doors offering blending options between decks



H6203R

Weight (Est)	45,000kg (99,208lbs)
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 3A, Tier 4/Stage 3B, Tier 4F/Stage 4).



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

Applications

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

Options

- Radio remote control
- Vibrating grid aperture 100mm (4")



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 3A, Tier 4/Stage 3B, Tier 4/Stage 4).

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: 100mm (4"), 150mm (6")



Power Unit

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

Tracks

Width: 400mm (16")



PATENTS

Powerscreen machines are designed by a world class engineering team. Our designs are created with user experience and safety in mind, building on Powerscreen's 50 years of excellence. In recognition of our innovations, we have patents granted and pending in regions all over the world.

CHIEFTAIN SCREENS

MACHINE	PATENT NUMBER	STATUS
Chieftain 400	GB 2361684	Patent granted
	WO 0044652	Patent granted
	US 6662939	Patent granted
Chieftain 600	GB 2361684	Patent granted
	WO 0044652	Patent granted
	US 6662939	Patent granted
Chieftain 1400	GB 2351719	Patent granted
Chieftain 1700	US 8573387	Patent granted
Chieftain 2100X (3 Deck)	EU 2137090	Patent granted
Chieftain 2200	CA 2680081	Patent granted
	GB 2351719	Patent granted
Chieftain 2200	US 9296017	Patent granted
Chieftain 2200	EP 1515454.9	Patent pending

WARRIOR SCREENS

MACHINE	PATENT NUMBER	STATUS
Warrior 800	2468966-A	Patent granted
Warrior 800	GB 2351719	Patent granted
Warrior 2100	US 6347708 B1	Patent granted
Warrior 2400	US 6347708 B1	Patent granted

H-RANGE SCREENS

MACHINE	PATENT NUMBER	STATUS
H6203	US 6347708 B1	Patent granted
H6203R	EP 14150500.8	Patent pending
H6203R	US 6347708 B1	Patent granted
H6203R	US 14151085	Patent pending

For more information visit
www.powerscreen.com

NOTES

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All machines are CE Approved.

