

# 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](http://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 screenbox
- Hydraulic screen tensioning (Bottom Deck)
- Screen walkway and access ladder
- Hydraulically folding conveyors
- Engine protection shut down system

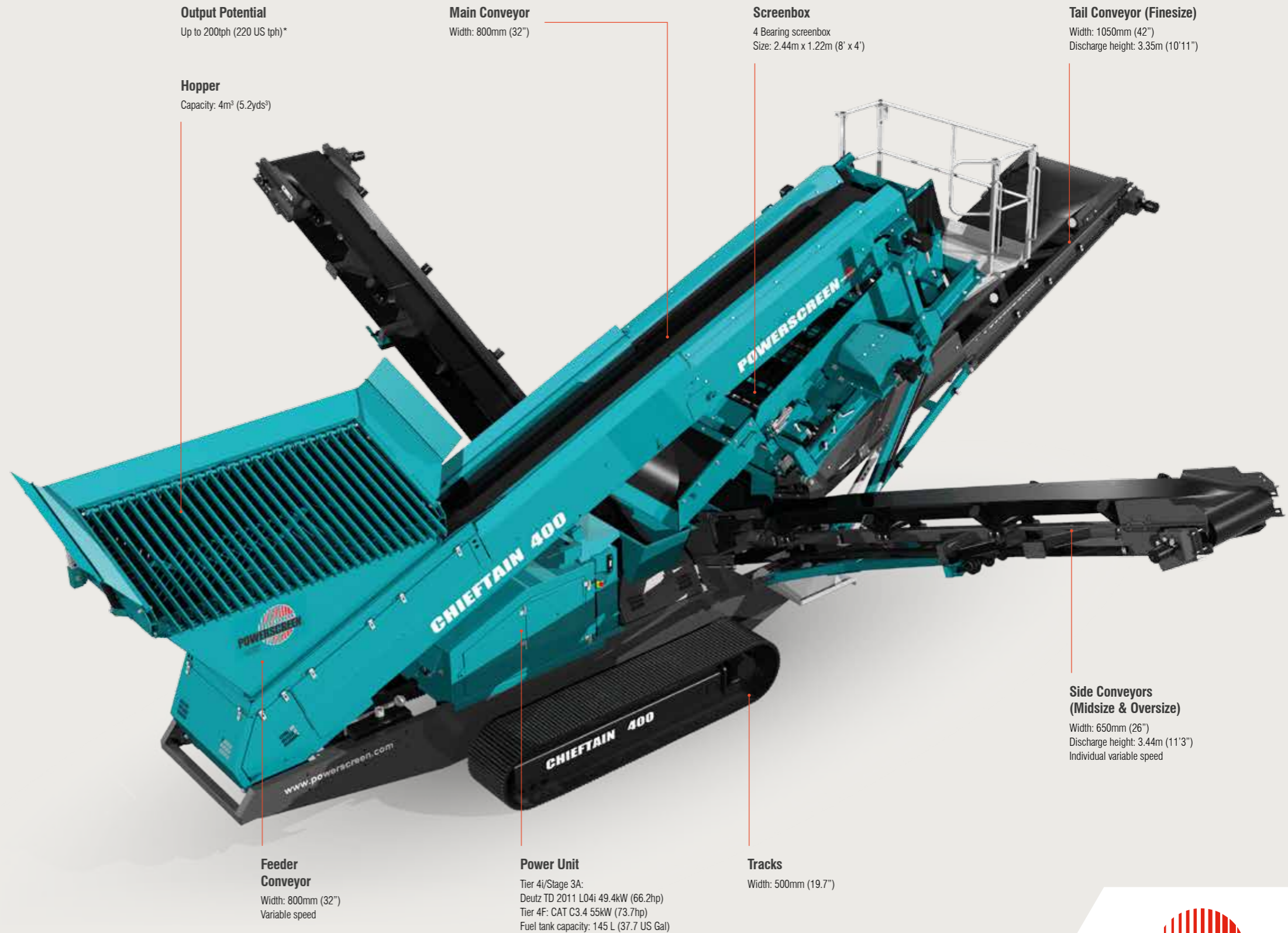
**Options**

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



CHIEFTAIN 400	TRACK	WHEEL
Weight (Est)	13,020kg (28,704lbs)	11,280kg (24,868lbs)
Transport width	2.63m (8'8")	2.75m (9')
Transport length	10.3m (33'10")	10.35m (34')
Transport height	3.4m (11'2")	3.84m (12'7")
Working width	11.3m (37')	11.3m (37')
Working length	11.85m (38'11")	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 3A, Tier 4/Stage 3B, Tier 4F/Stage 4).



# CHIEFTAIN 600

The Powerscreen® Chieftain 600 is designed for the contractor market as an affordable screening unit with a capacity of 7m<sup>3</sup>. 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
- Screen walkway and access ladder
- Hydraulically folding conveyors

**Options**

- Wheel or track mobile
- Double deck vibrating grizzly
- Radio controlled tracks
- Anti roll-back
- Hydraulic screen tensioning (Bottom Deck)

**Output Potential**

Up to 200 tph (220 US tph)\*

**Main Conveyor**

Width: 800mm (32")

**Tail Conveyor (Finesize)**

Width: 1050mm (42")  
Discharge height: 3.3m (10' 9")

**Power Unit**

Tier 4i/Stage 3A:  
Deutz TD 2011 L047i 49.4kW (66.2hp)  
Tier 4F/Stage 4:  
CAT C3.4 55kW (73.7hp)  
Fuel tank capacity:  
145 L (37.7 US Gal)

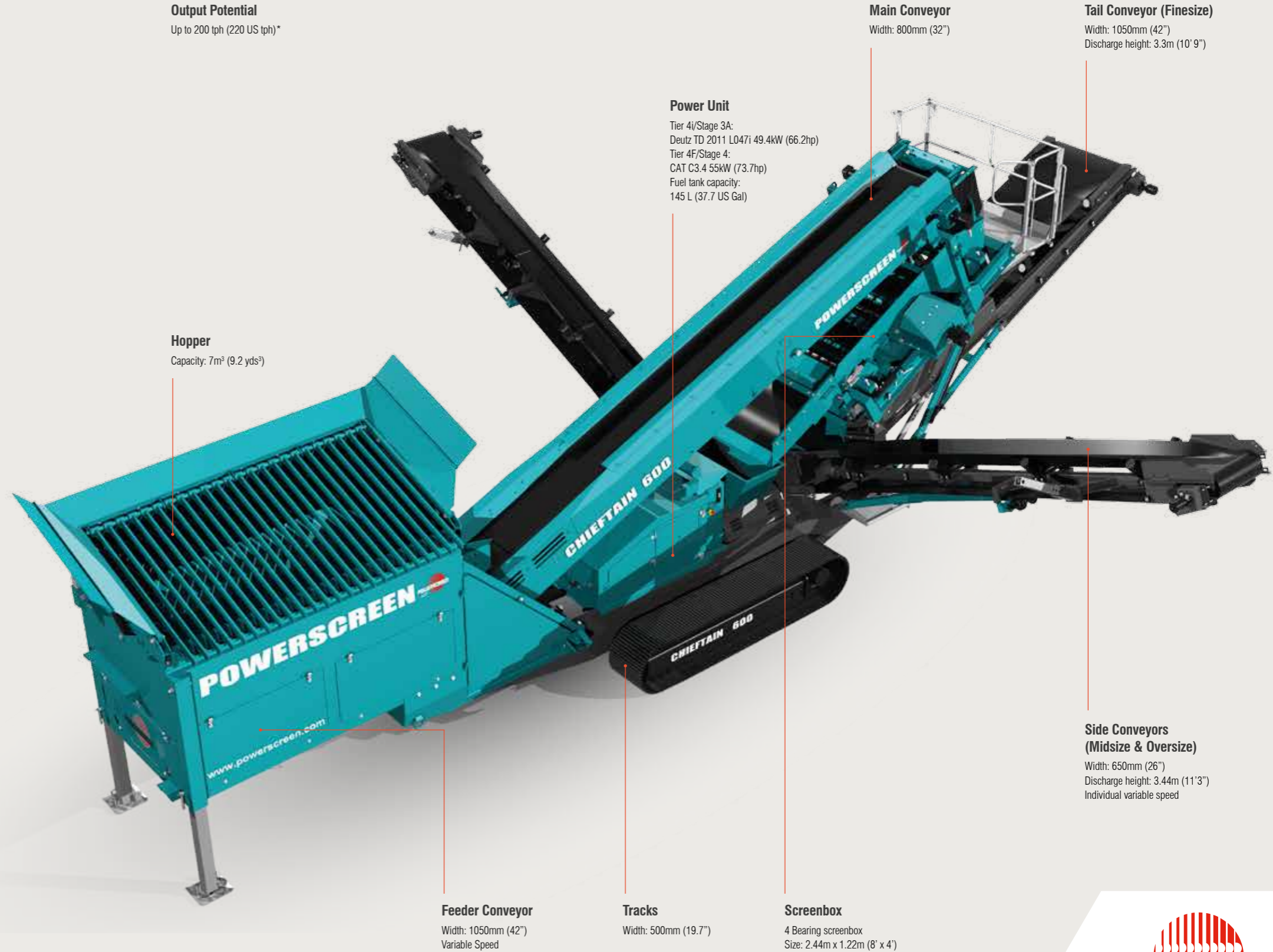
**Hopper**

Capacity: 7m<sup>3</sup> (9.2 yds<sup>3</sup>)



CHIEFTAIN 600	TRACK	WHEEL
Weight (Est)	15,200kg (33,510lbs)	14,000kg (30,865lbs)
Transport width	2.63m (8' 8")	2.75m (9')
Transport length	12.48m (40' 11")	13m (42' 7")
Transport height	3.28m (10' 9")	3.5m (11' 7")
Working width	11.3m (37')	11.3m (37')
Working length	13.82m (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 3A, Tier 4/Stage 3B, Tier 4F/Stage 4).



**Feeder Conveyor**

Width: 1050mm (42")  
Variable Speed

**Tracks**

Width: 500mm (19.7")

**Screenbox**

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

**Side Conveyors (Midsize & Oversize)**

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



# 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)

**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 4:  
CAT C4.4 82kW (110hp)  
CAT C4.4 98kW (131hp)  
Fuel tank capacity: 336 L (88 US Gal)

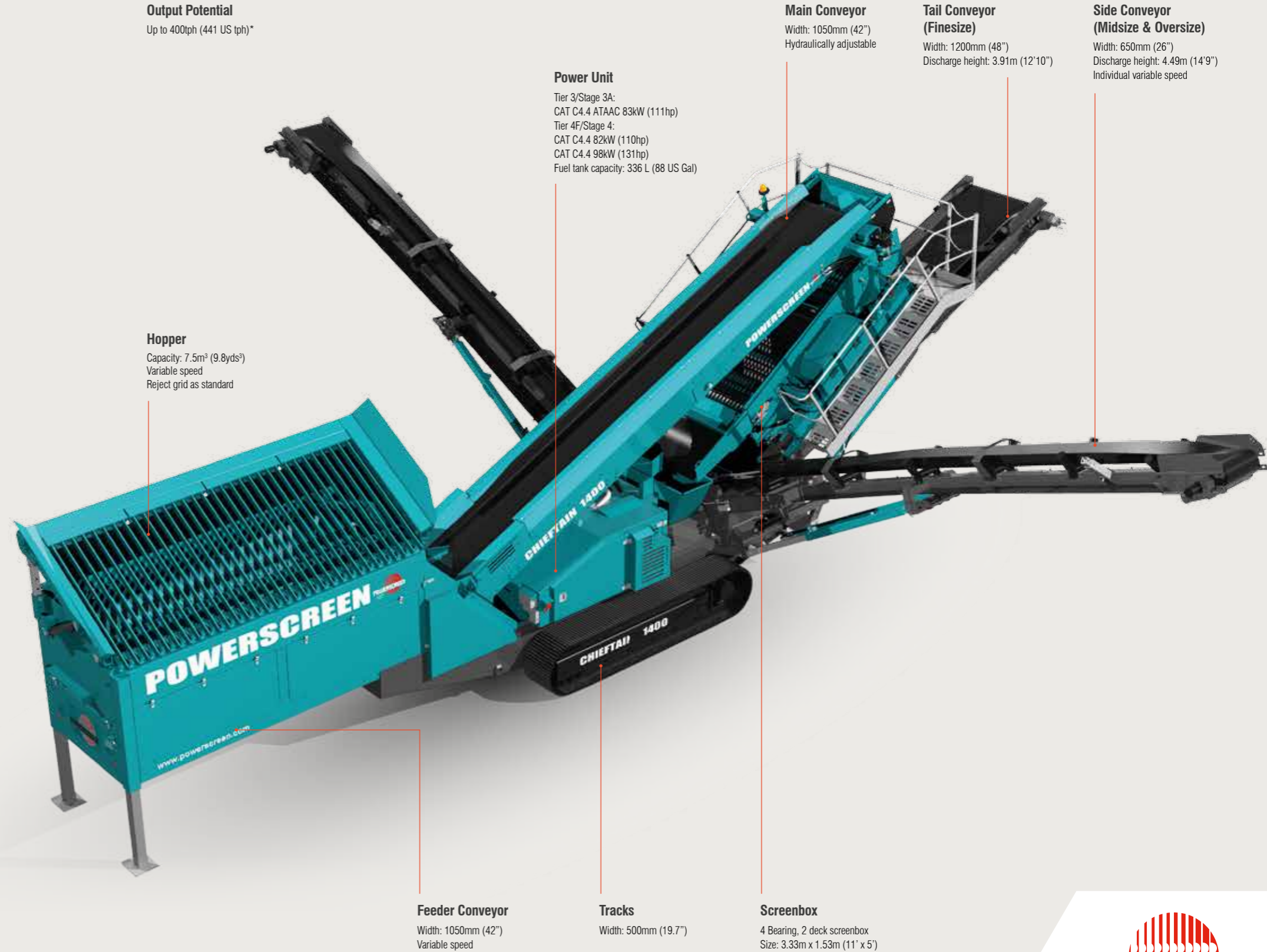
**Hopper**

Capacity: 7.5m<sup>3</sup> (9.8yds<sup>3</sup>)  
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	16.2m (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)	WHEEL (2 DECK)	TRACK (3 DECK)	WHEEL (3 DECK)
Weight (Est)	26,900kg (59,304lbs)	24,700kg (54,454lbs)	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	3.4m (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 3A, Tier 4/Stage 3B, Tier 4F/Stage 4).

**Output Potential**

Up to 500tph (551 US tph)\*

**Main Conveyor**

Width: 1050mm (42")  
Hydraulically adjustable

**Tail Conveyor (Finesize)**

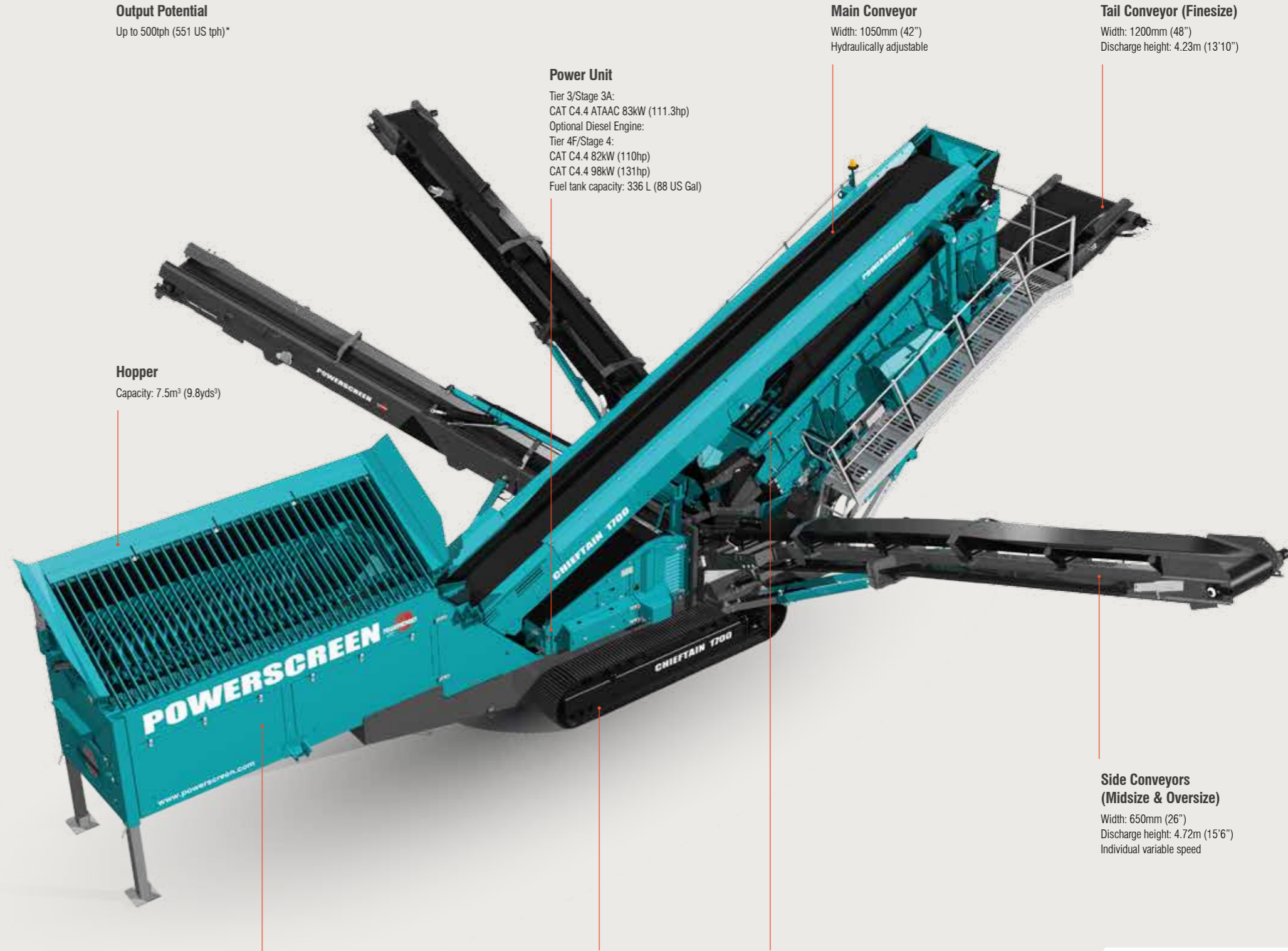
Width: 1200mm (48")  
Discharge height: 4.23m (13'10")

**Power Unit**

Tier 3/Stage 3A:  
CAT C4.4 ATAAC 83kW (111.3hp)  
Optional Diesel Engine:  
Tier 4F/Stage 4:  
CAT C4.4 82kW (110hp)  
CAT C4.4 98kW (131hp)  
Fuel tank capacity: 336 L (88 US Gal)

**Hopper**

Capacity: 7.5m<sup>3</sup> (9.8yds<sup>3</sup>)



**Feeder Conveyor**

Width: 1050mm (42")  
Individual variable speed

**Tracks**

Width: 400mm (15.7")

**Screenbox**

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

**Side Conveyors (Midsize & Oversize)**

Width: 650mm (26")  
Discharge height: 4.72m (15'6")  
Individual variable speed



# 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

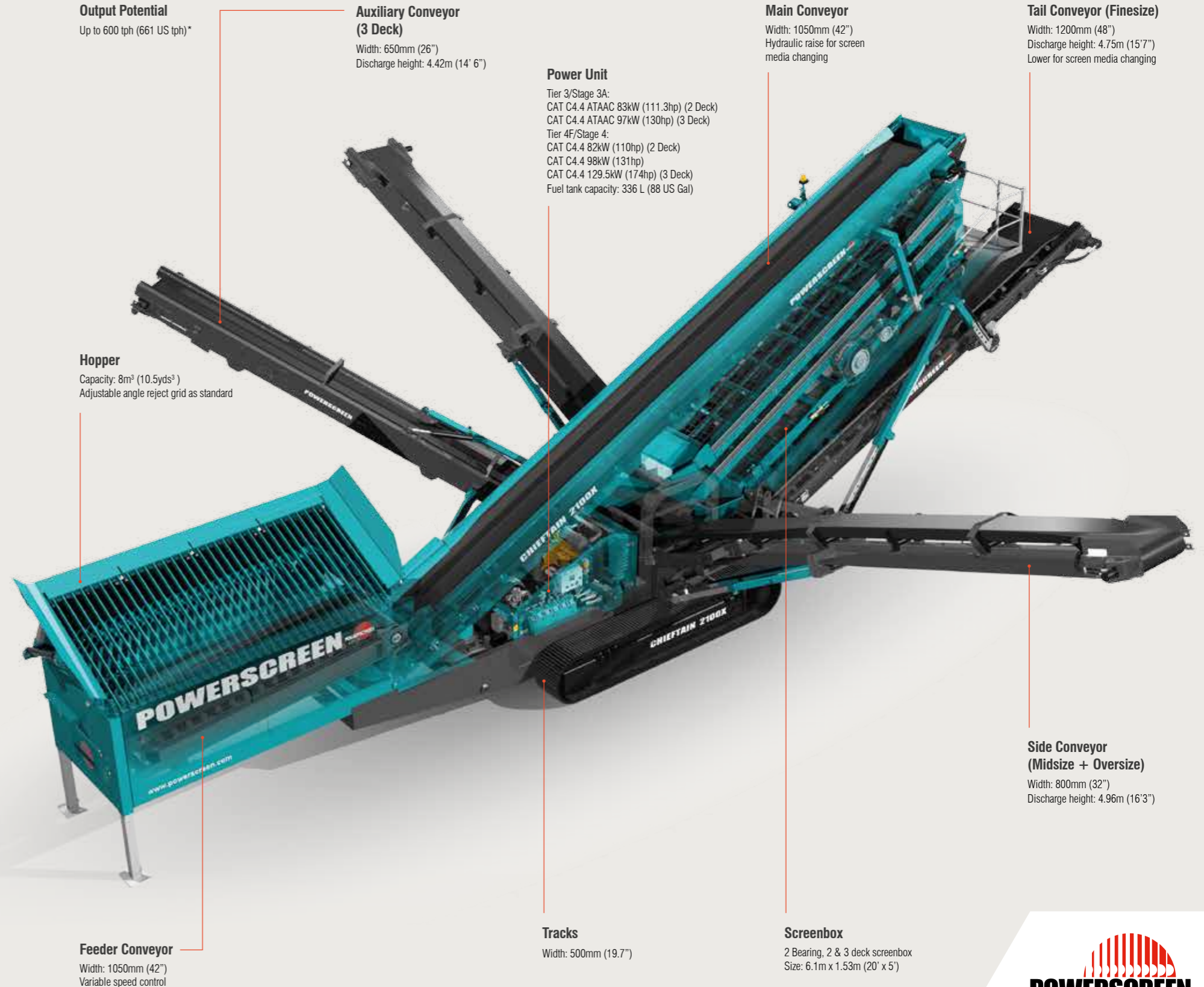
**Options**

- 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 4F/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 19.5m<sup>2</sup>. 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).

**Output Potential**  
Up to 650 tph (715 US tph)\*

**Hopper**  
Capacity: 8m<sup>3</sup> (10.5 yds<sup>3</sup>)

**Power Unit**  
Tier 3/Stage 3A:  
CAT C4.4 ATAAC 83kW (111.3hp)  
CAT C4.4 ATAAC 97kW (130hp)  
Tier 4F/Stage 4:  
CAT C4.4 82kW (110hp)  
CAT C4.4 98kW (131hp)  
Fuel tank capacity: 336 L (88 US Gal)

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

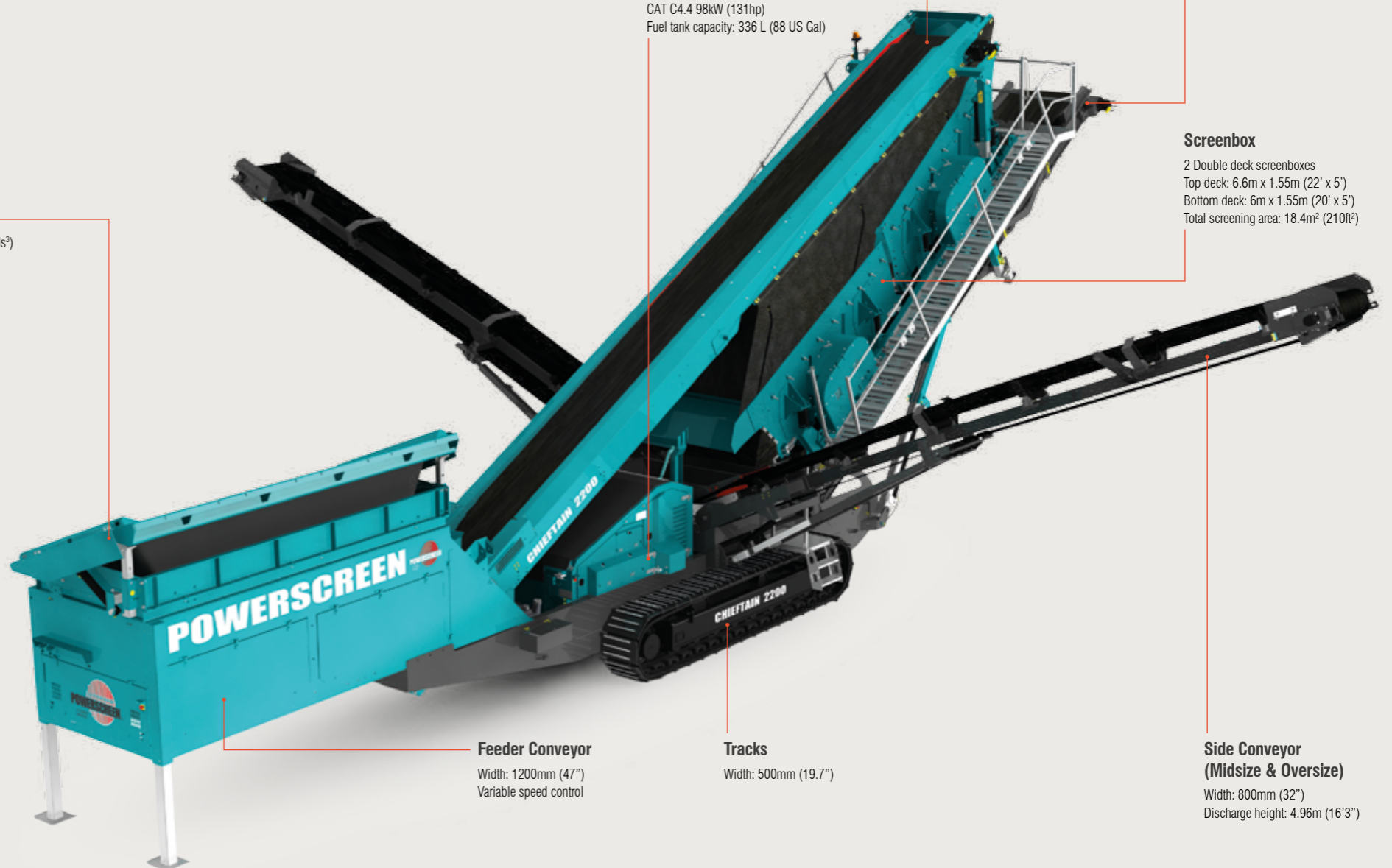
**Tail Conveyor (Finesize)**  
Width: 1200mm (48")  
Discharge height: 5.12m (16' 10")  
Lowers for screen media changing

**Screenbox**  
2 Double deck screenboxes  
Top deck: 6.6m x 1.55m (22' x 5')  
Bottom deck: 6m x 1.55m (20' x 5')  
Total screening area: 18.4m<sup>2</sup> (210ft<sup>2</sup>)

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

**Tracks**  
Width: 500mm (19.7")

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



# 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

**Output Potential**

Up to 700 tph (772 US tph)\*

**Hopper**

Capacity: 8m<sup>3</sup> (10.5yds<sup>3</sup>)

**Power Unit**

Tier 3/Stage 3A: CAT C4.4 ATAAC 97kW (130hp)  
 Tier 4F/Stage 4: CAT C4.4 98kW (131hp)  
 Optional Constant Speed engine (EU only):  
 Tier 3A: CAT C4.4 4 cylinder engine, 98kW (131hp)  
 Fuel tank capacity: 336 L (88 US Gal)

**Main Conveyor**

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

**Screenbox**

2 Triple deck screenboxes  
 Top deck: 6.6m x 1.55m (22' x 5')  
 Middle deck: 6.6m x 1.55m (22' x 5')  
 Bottom deck: 6m x 1.55m (20' x 5')

**Feeder Conveyor**

Width: 1200mm (47")  
 Variable speed control

**Tracks**

Width: 500mm (19.7")

**Side Conveyor (Midsize & Oversize)**

Width: 800mm (32")  
 Discharge height: 4.96m (16'3")



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	3.60m (11' 10")	3.60m (11' 10")
Working width	18.30m (60')	18.30m (60')
Working length	20.20m (66' 4")	20.20m (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 4F/Stage 4).



# 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](http://www.powerscreen.com)

# NOTES



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