

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)

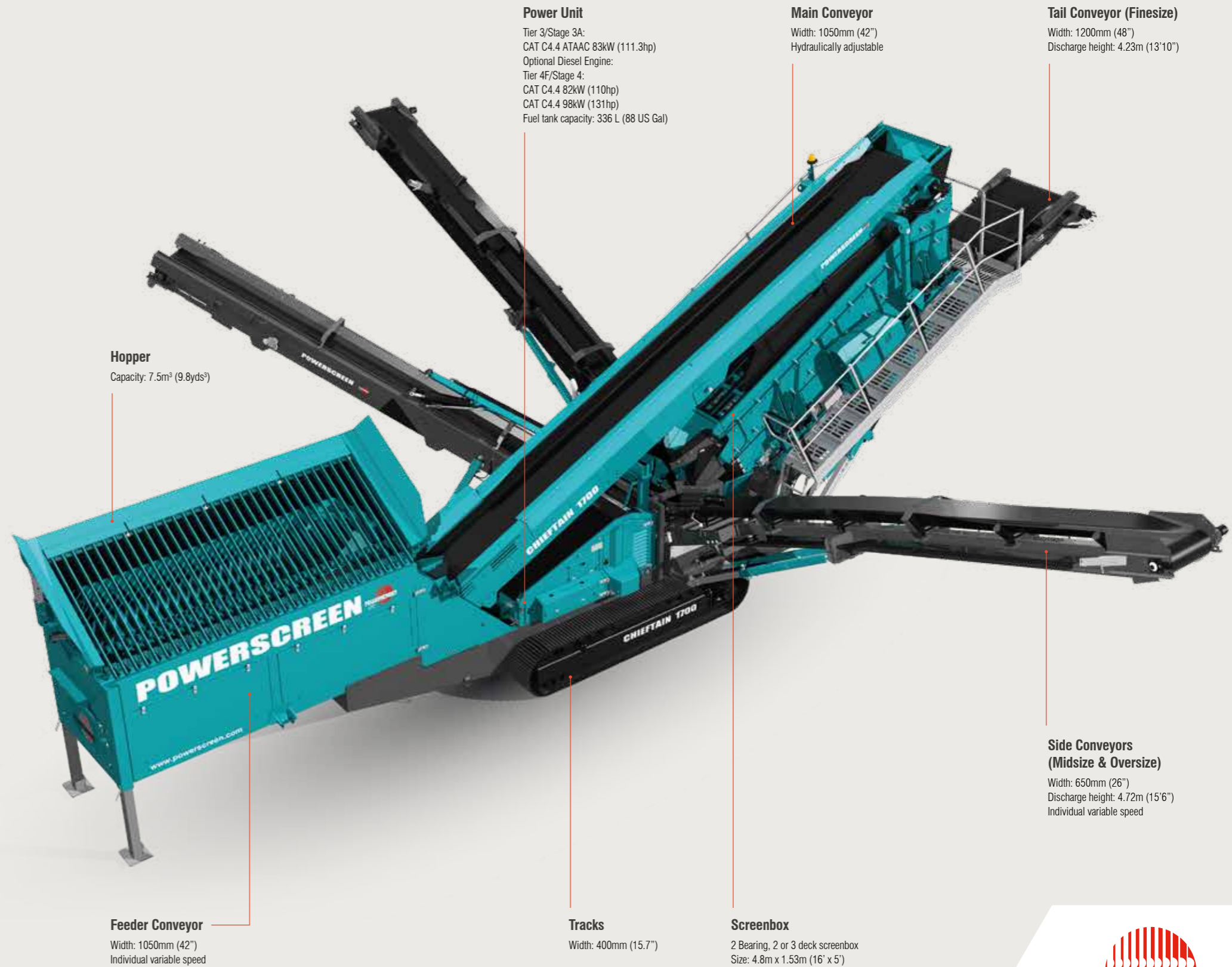
Options

- 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 1700X

The Powerscreen® Chieftain 1700X is a mid-sized tracked 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 the patented 4 bearing screenbox with the ability to switch to a 2 bearing setup in less than 3 hours, making the Chieftain 1700X the most versatile unit of its size on the market



✓ APPLICATIONS

AGGREGATE



Sand & gravel
Blasted rock
River rock

RECYCLING



Top soil
C&D waste
Composted materials
Wood by-products
Overburden
Foundry waste

MINING



Processed ores
Processed minerals



TECHNICAL HIGHLIGHTS ✓



INCREASED PRODUCTIVITY

- The Chieftain 1700X screenbox comes 4 bearing as standard, ideal for a wide range of applications as the screenbox will not dampen under load -giving increased tonnages and higher quality material splits



VERSATILITY

- The patented 4 bearing to 2 bearing screenbox makes the Chieftain 1700X highly versatile and the ideal machine for rental markets and contractors.
- Optional hydraulic extended auxiliary conveyor on the 3 deck Chieftain 1700X allows it to recirculate with any machine in the Powerscreen range of crushers



SERVICEABILITY

- Self tensioning side conveyor paddles reduce spillage into feed boot. They also reduce set up time as they do not need removed for transport
- The Chieftain 1700X has hydraulic raise/lowering of the main conveyor for top deck mesh access which aids service and maintenance.





TECHNICAL SPECIFICATION



1 HOPPER

Capacity : 5.3m³ (7 cu.yd)

2 FEED CONVEYOR

Width: 1050mm (42")
Hydraulic variable speed control

3 MAIN CONVEYOR

Width: 1050mm (42")
Hydraulically adjustable- fully skirted and sealed

4 TAIL CONVEYOR (FINESIZE)

Width: 1200mm (48")
Discharge Height: 4.42m (14' 6")

5 SIDE CONVEYOR (MIDSIZE & OVERSIZE)

Width: 650mm (26")
Discharge Height: 4.69m (15' 4")
Hydraulically Folding

6 HYDRAULIC AUXILIARY CONVEYOR (EXTENDED OPTION TO AID RECIRCULATING WITH CRUSHER)

Width: 650mm (26")
Discharge Height: 3.93m (12' 11")
Option for extended

7 SCREENBOX

4 bearing as standard, 2 or 3 deck screenbox
Size : 4.8m x 1.5m (16' x 5')

8 TRACKS

Width: 400mm (16")

9 POWER UNIT

Tier 3:
CAT C4.4 77kW (104hp)
Tier 4F/ Stage IV
CAT C4.4 82kW (110hp)
Stage V:
CAT C4.4 98kW (131hp)
Option for Dual Power



DIMENSIONS

WORKING



TRANSPORT

Length: 16,600mm (54' 6")
Width: 3,000mm (9' 10")
Height: 3,500mm (11' 7")

TOTAL WEIGHT

30,516kg (67,276lbs)

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