

# 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 | 3.43m (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 3A, Tier 4/Stage 3B, Tier 4/Stage 4).

**Output Potential**

Up to 500tph (551 US tph)\*

**Main Conveyor**

Width: 1050mm (42")  
Hydraulically adjustable

**Tail Conveyor (Finesize)**

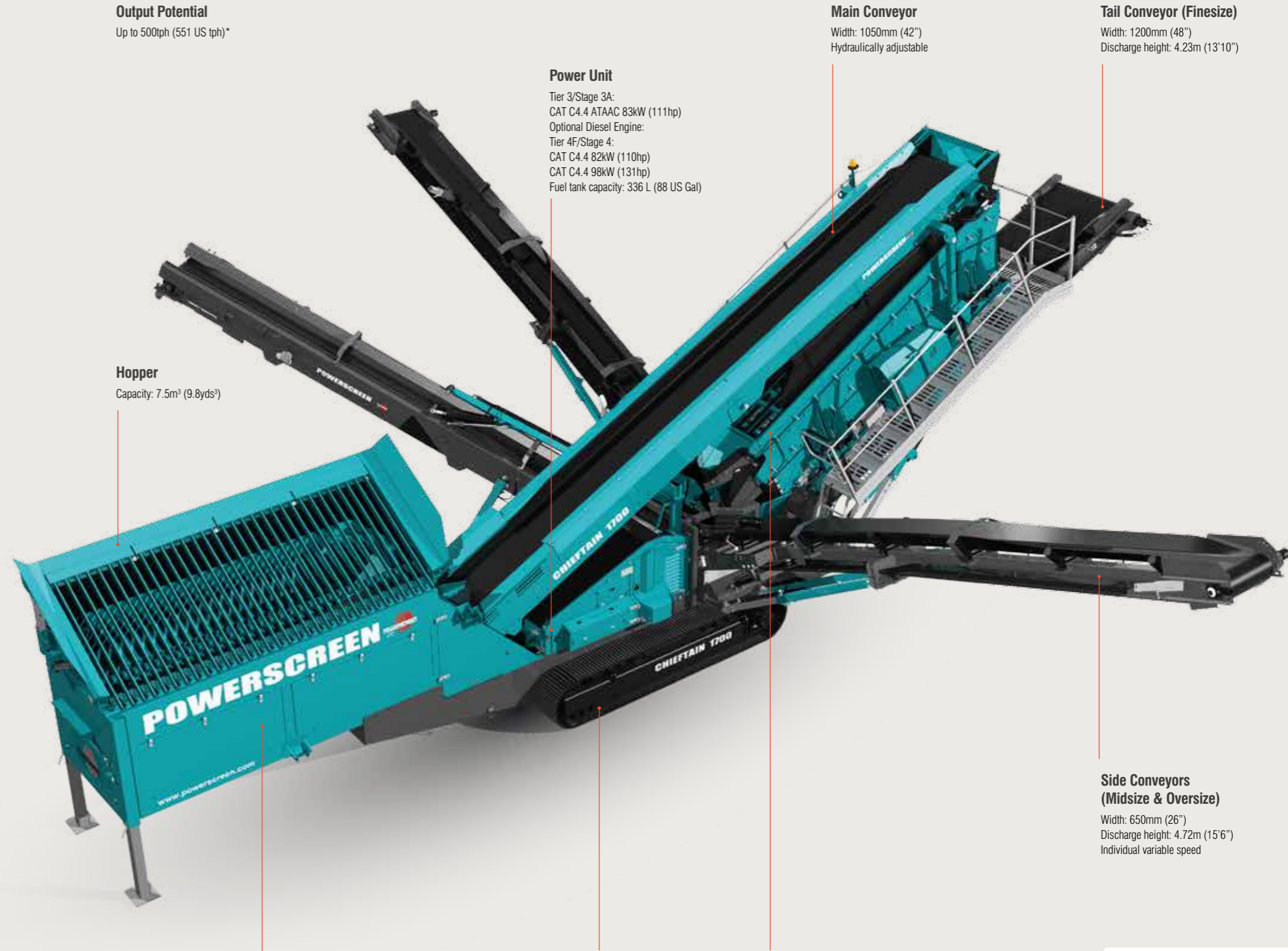
Width: 1200mm (48")  
Discharge height: 4.23m (13'10")

**Power Unit**

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

**Hopper**

Capacity: 7.5m³ (9.8yds³)



**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

