

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 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)	43000kg (94,798lbs)	45000kg (99,208lbs)
Transport width	3m (9'10")	3m (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

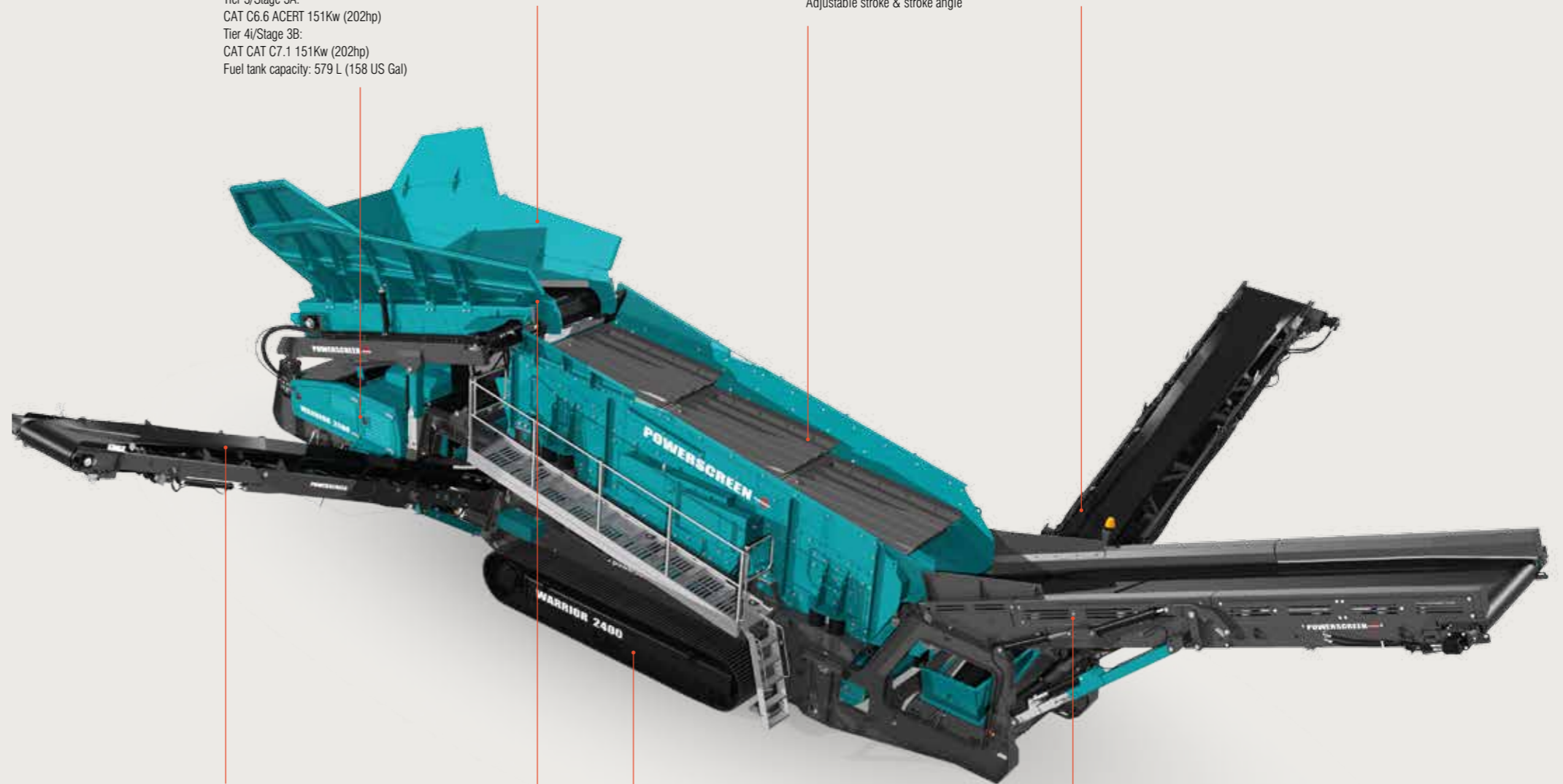
Width: 1300mm (51")
Heavy duty impact bars & impact rollers
Twin drive, variable speed
Optional drive speeds available

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)

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

