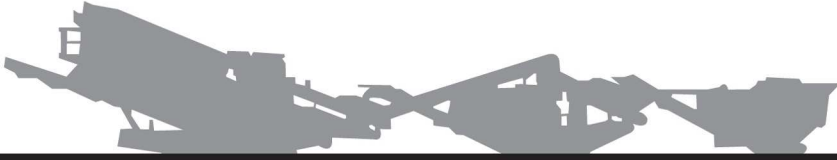


Powerscreen® Warrior 1400X

2 Deck Heavy Duty Incline Screen

Specification - Rev 2. 01/01/2013



Specification

		Three Way Split	Two Way Split
Total weight		Est 27,500kgs (60,627lbs)	25,000kg (55,115lbs)
Transport	Length	14.17m (46' 6")	13.62m (44' 8")
	Width	2.75m (9' 0")	2.75m (9' 0")
	Height	3.20m (10' 6")	3.20m (10' 6")
Operation	Length	14.20m (46' 7")	13.96m (45' 10")
	Width	12.59m (41' 3")	8.13m (26' 8")
	Height	4.40m (14' 5")	4.40m (14' 5")
Screenunit		3.6m x 1.25m (12' x 4.5')	3.6m x 1.25m (12' x 4.5')
Powerunit		Diesel / Hydraulic	Diesel / Hydraulic

Features & Benefits

- High capacity up to 500 TPH (depending on mesh sizes & material type)
- Suitable for scalping or stockpiling as a 3-way split or 2-way split machine
- 2WS kit supplied with machine as standard
- Maximum feed size 500mm. Maximum allowable feed size may vary depending on material
- Heavy duty inclined hopper & belt feeder featuring impact bars & impact rollers
- Fixed hopper sides & twin drive belt feeder
- Jack up screen facility for access to screen media & collection conveyor
- Collection conveyor raise feature for conveyor & diesel tank access
- Heavy-duty aggressive 2-bearing screen box with 10mm stroke (optional 12mm stroke)
- Galvanised screen walkways and access ladders as standard
- Maximum mobility with heavy duty, low ground pressure crawler tracks.
- Quick set up time typically under 10 minutes.
- Hydraulically folding conveyors for transport
- Two speed heavy duty crawler tracks, c/w removable pendant remote control system.
- High performance hydraulic system

Application

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

Abbreviations: T=Track, W=Wheel, Std= Standard, Hyd= Hydraulic, W/O= Without, C/W= Complete with
 EXT= Extended, DDVG= Double deck vibrating grid, Inc= Including, Aux= Auxiliary,
 Conv= Conveyor, 3WS= 3 way split, 2WS= 2 way split, * = depending on machine specification

Powerscreen® Warrior 1400X

Specification - Rev 2. 01/01/2013

Hopper

Target area: 4.7m (15' 6") long x 2.6m (8' 6") wide

Hopper capacity: 7.0m³ (9.2 cu. yd.)

Fixed heavy duty hopper sides, manufactured from wear resistant steel with optimised reinforcement

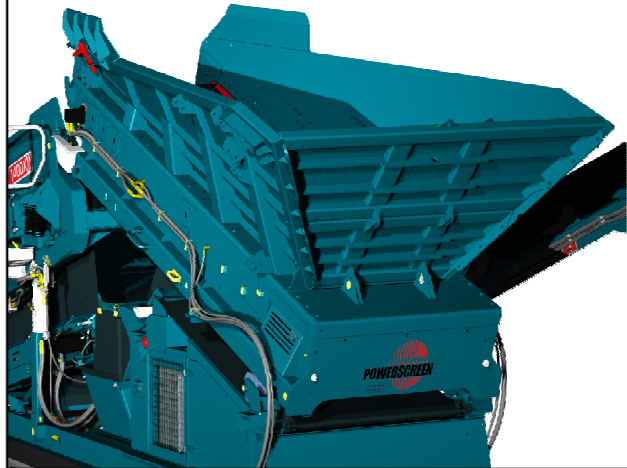
Rear wall collapsible for direct feeding

Hydraulic slide & raise facilities for transport

Feed in height: (Side) 3.98m (13' 1")

Feed in height: (Rear) 3.40m (11' 2")

Feed in height: (Collapsed Hopper) 2.85m (9' 4")



Heavy Duty Feed Conveyor

Heavy duty impact bars & impact rollers supporting belt

1300mm (51") 4 ply Heavy Duty Grade belt

Heavy duty drive featuring twin gearbox drive

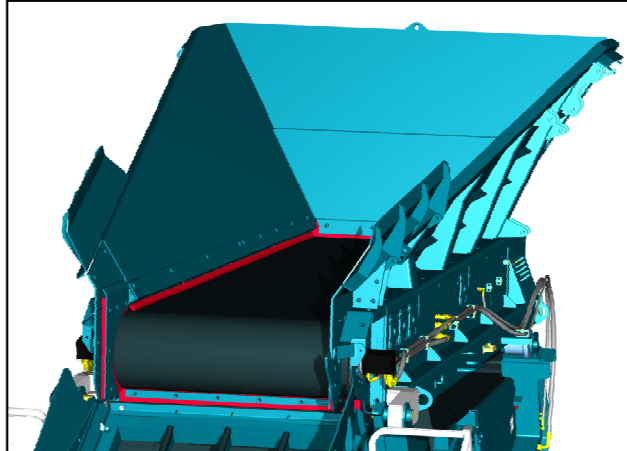
Driving speed; (17rpm, 20m/min)

Variable speed control

4.04m (13' 3") drum centres

Stay clean system under feeder

Supergrip drive drum as standard



Screenbox

Heavy Duty 3.6m x 1.25m (12' x 4.5') 2 deck, 2 bearing incline screen with highly aggressive integrated screen drive

Adjustable belt driven screen drive, increased flexibility over direct drive alternatives, adjustable stroke: 10 - 12mm (3/8" - 1/2")

Side tensioned or modular top deck

End tensioned or modular bottom deck

Jack up screen facility for access to screen media
1m movement

Hydraulic screen angle adjustment 13° - 19°

Galvanised walkways on both sides of screen

Modular screen suitable for Bofor, Finger, Punch Plate and Mesh screen media



All specifications subject to change without prior notice



Powerscreen® Warrior 1400X

Specification - Rev 2. 01/01/2013

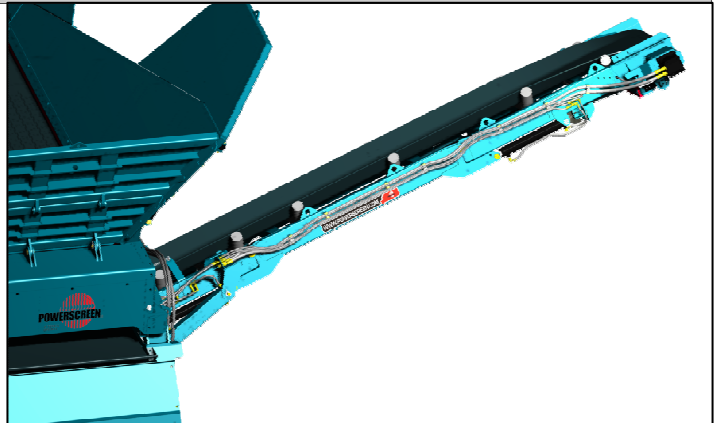
Underscreen Conveyor

1200mm (48") wide 3-ply plain belt
3.5m (11' 6") drum centres
Accessible via jack up screen facility
Underside accessible with collection conveyor raise facility



Fines - Side Conveyor

900mm (35") wide 3-ply plain belt (chevron option)
Impact bars under feedboot area
Deflector plate for optimum material travel
Variable speed control
Hydraulically folding, angle adjustable
3.72m (12' 2") stockpile height
7.20m (23' 7") drum centres



Midsize - Side Conveyor

900mm (35") wide 3-ply plain belt (chevron option)
Impact bars under feedboot area
Variable speed control
Hydraulically folding, angle adjustable
3.6m (11' 10") stockpile height
7.20m (23' 7") drum centres
Removed during 2 way split operation



Oversize - Tail Conveyor

1200mm (48") wide troughed 3-ply chevron belt
Variable speed control
Hydraulically raise & lower facility
Impact bars along entire length
Hydraulically foldable for transport
Angle adjustable 0° - 24°
Stockpile height 3WS mode: 3.9 m (12' 9")
Stockpile height 2WS mode: 3.4m (11' 3")
5.64m (18' 6") drum centres



All specifications subject to change without prior notice



Powerunit & Hydraulics

Engine:

Tier 3 / Stage 3A Caterpillar C4.4 ATAAC -
4 cylinder diesel engine

Performance:

90kW (120hp) @ 1800rpm

Tank Capacities:

Fuel: 336 L (88 US Gal) Protected diesel tank
Hydraulic Oil: 450 L (119 US Gal)

Pumps:

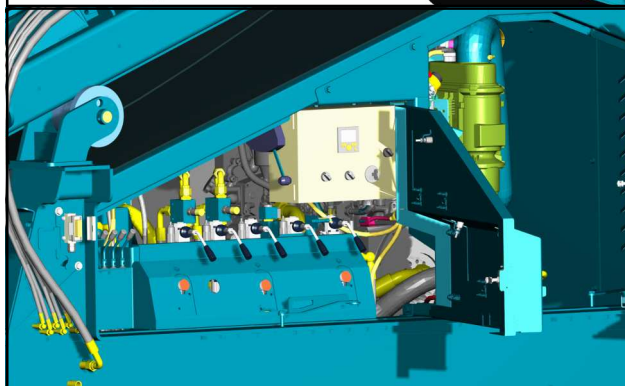
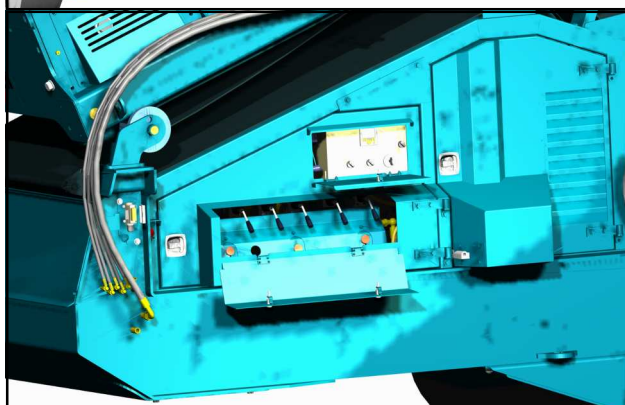
Flywheel pump: Cast iron 63/41/41 cc/rev triple
PTO 'A' pump: Cast iron 29/29 cc/rev tandem

Motors:

Belt Feeder Motors:	125cc/rev
Tail conveyor:	Cast iron 800cc/rev
Mid fines side conveyor:	Cast iron 500cc/rev
Collection Conveyor Motor:	Cast iron 500cc/rev
Fines Conveyor Motor:	Cast iron 500cc/rev
Screen Motor:	Cast iron 58.7cc/rev
Optional Apron Feeder Motor:	400cc/rev

Optional Diesel engine:

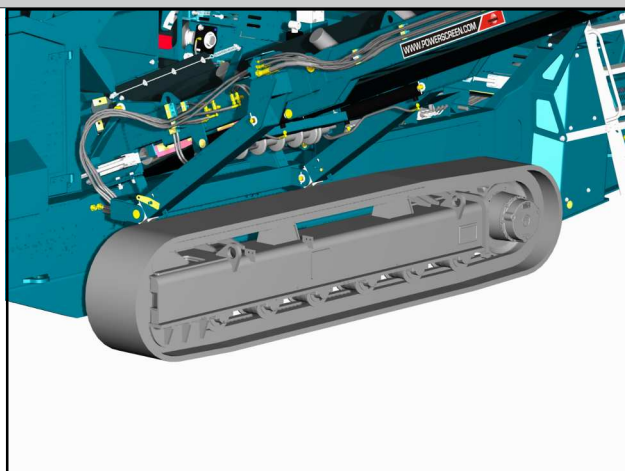
Tier 4 / Stage 3B Caterpillar C4.4 -
4 cylinder diesel engine developing 82kW (110hp) @
1800 rpm



Crawler Tracks

Two Speed Tracking System

Approximate Speed (High Speed): 2.0 Km/hr

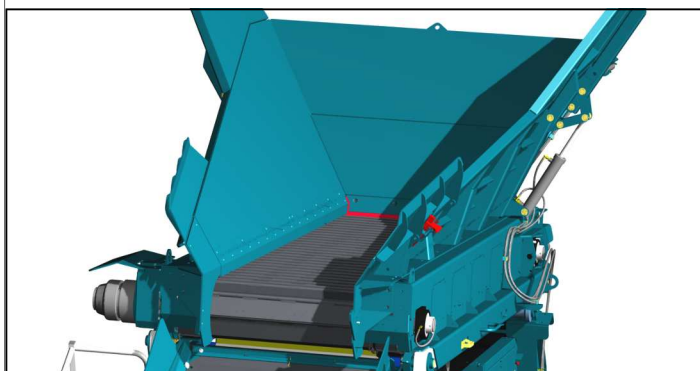


Powerscreen® Warrior 1400X Options

Specification - Rev 2. 01/01/2013

Incline Apron Feeder

1000mm (40") wide wear resistant feed apron
Fitted with single gearbox drive
Variable speed control
4.00m (13' 1") apron centres



2 Way Split Configuration

Mid sized side conveyor removed
Machine built as 2 Way Split
Top deck & bottom deck oversize material fed on to tail conveyor.



300mm Chassis Riser

Machine chassis raised 300mm to provide improved ground clearance and additional conveyor stockpiling capacity.

Transport height: 3.5m



Other Options

- Different coloured machine
- Side conveyor telescopic hydraulic extensions
- Chevron side conveyor belts
- Hopper extensions
- Optional engine
- Auto lubrication system
- Radio controlled tracking
- Quick release wedge screen tensioning
- Screen blanket

Other Media Options

Top Deck

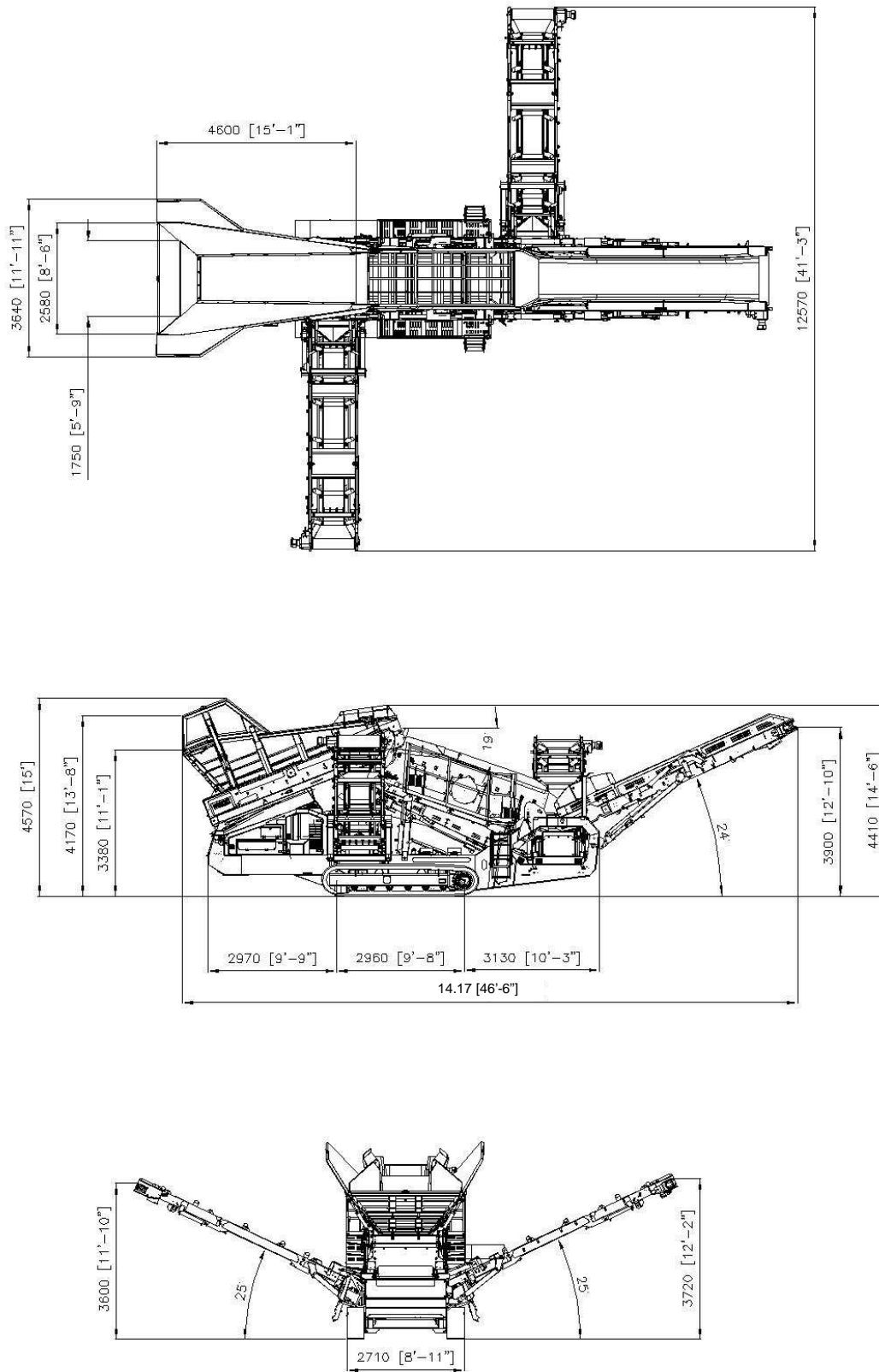
- Grizzly / Bofar Deck
- Finger Screens
- Punch Plate: Mild Steel or Wear Resistant Steel
- Screen Mesh: Standard, Heavy Duty or Welded

Bottom Deck

- Finger Screens
- Punch Plate: Mild Steel or Wear Resistant Steel
- Screen Mesh: Standard, Heavy Duty or Welded

Powerscreen® Warrior 1400X

Specification - Rev 2. 01/01/2013



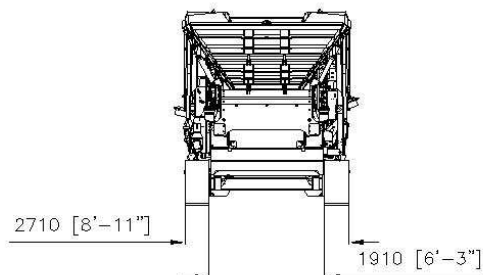
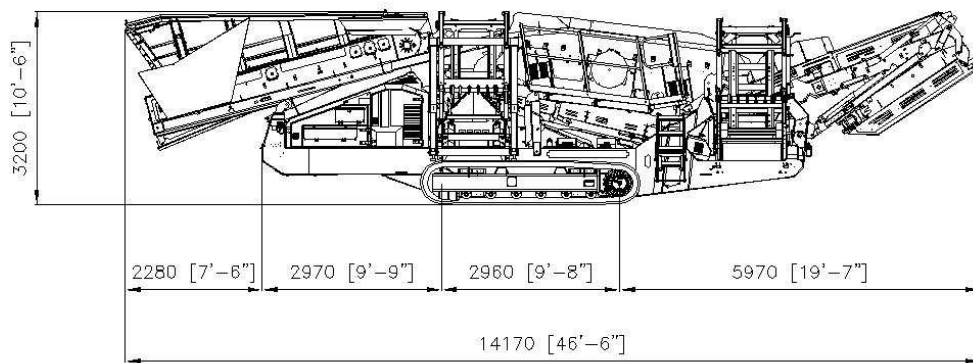
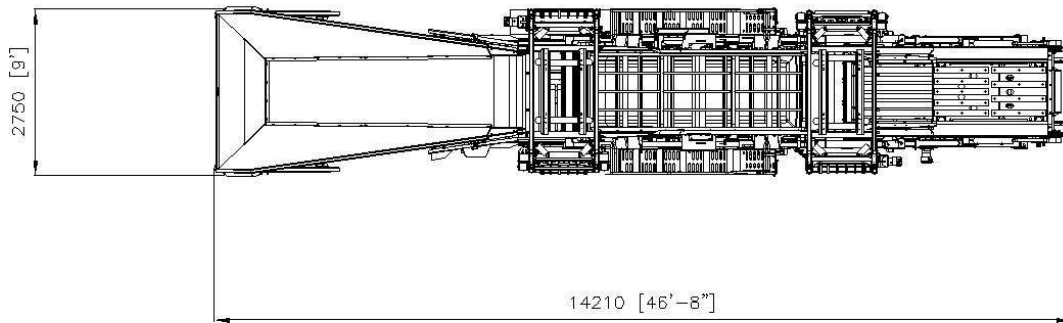
**Figure 1: Warrior 1400X 2 Deck Track
3 Way Split
Working Position**

All specifications subject to change without prior notice



Powerscreen® Warrior 1400X

Specification - Rev 2. 01/01/2013



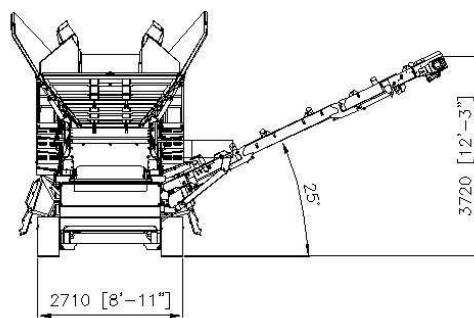
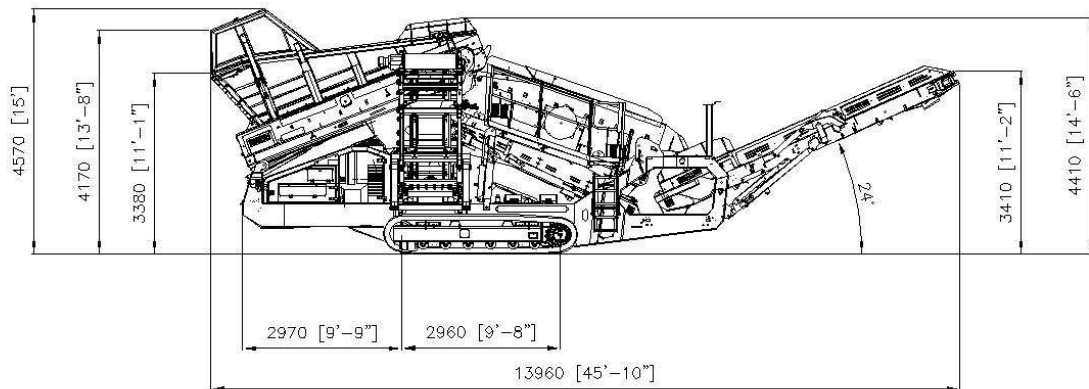
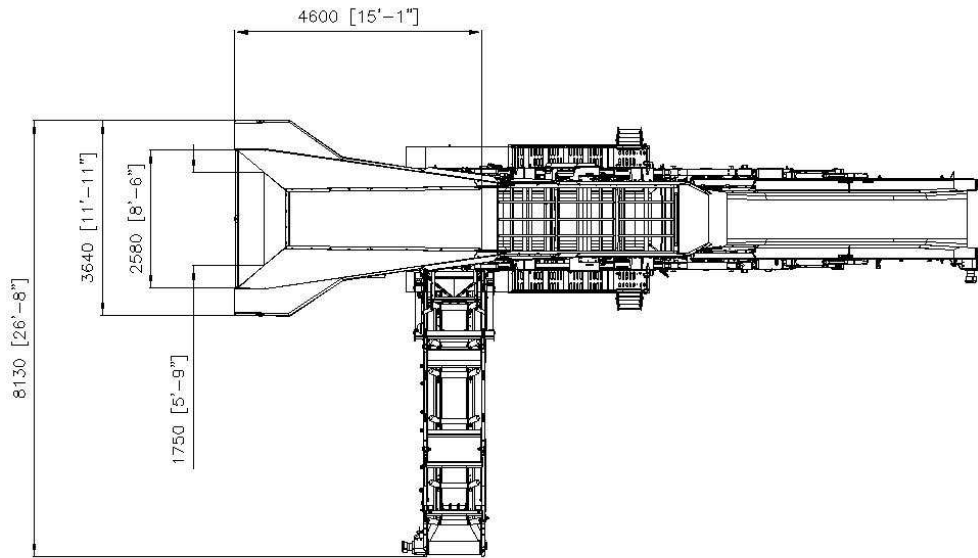
**Figure 2: Warrior 1400X 2 Deck Track
3 Way Split
Transport Position**

All specifications subject to change without prior notice



Powerscreen® Warrior 1400X

Specification - Rev 2. 01/01/2013



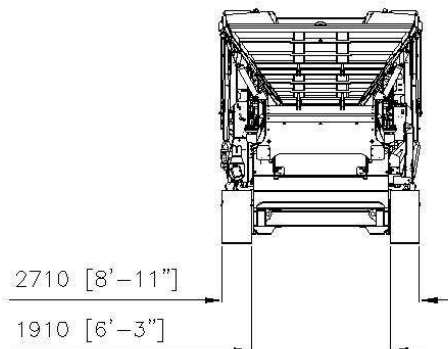
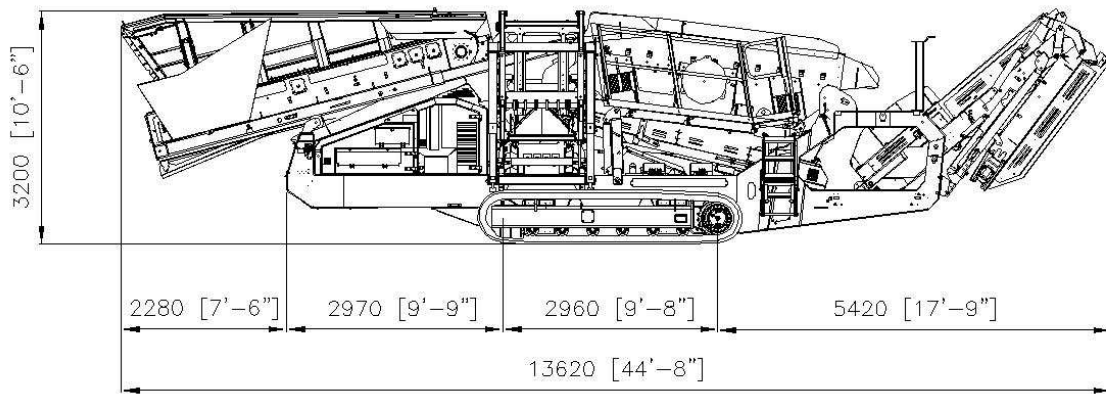
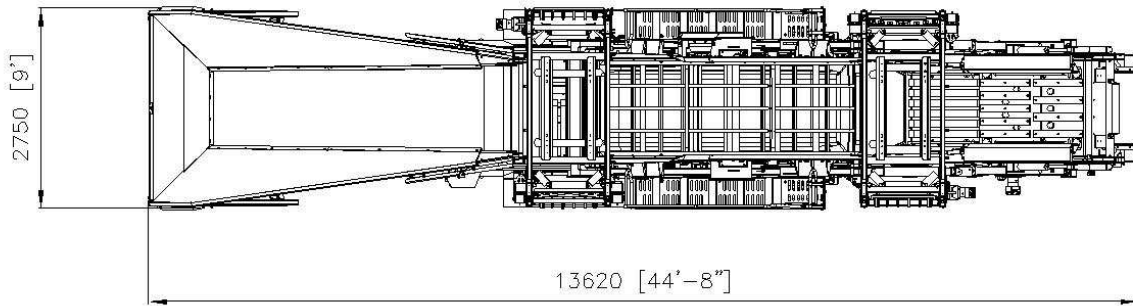
**Figure 3: Warrior 1400X 2 Deck Track
2 Way Split
Working Position**

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Powerscreen® Warrior 1400X

Specification - Rev 2. 01/01/2013



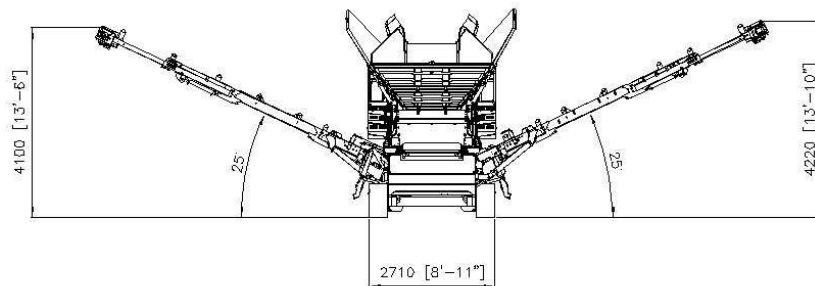
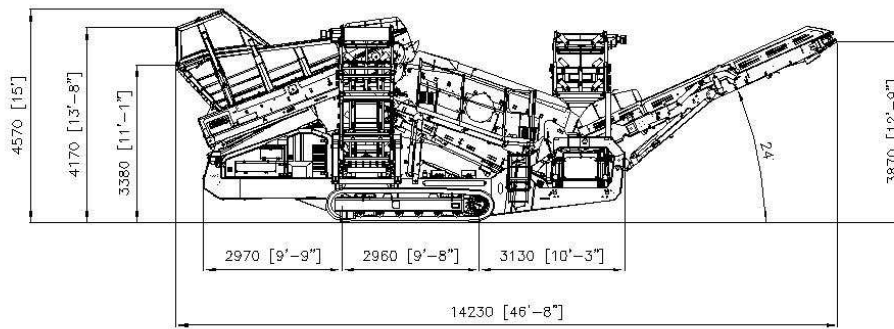
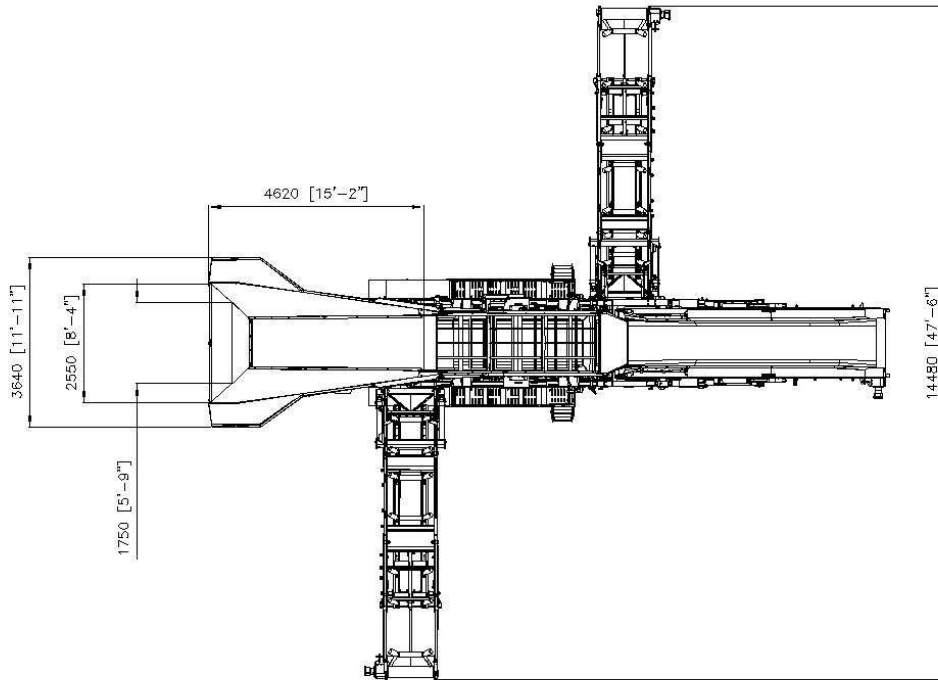
**Figure 4: Warrior 1400X 2 Deck Track
2 Way Split
Transport Position**

All specifications subject to change without prior notice



Powerscreen® Warrior 1400X

Specification - Rev 2. 01/01/2013



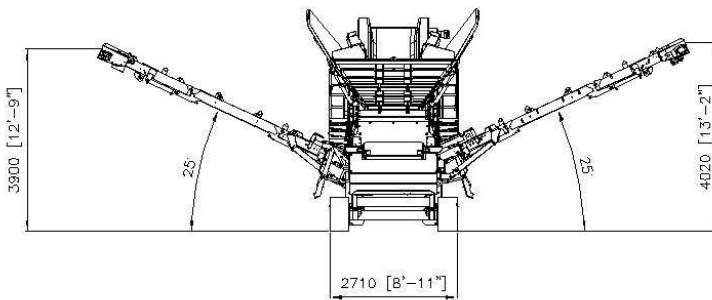
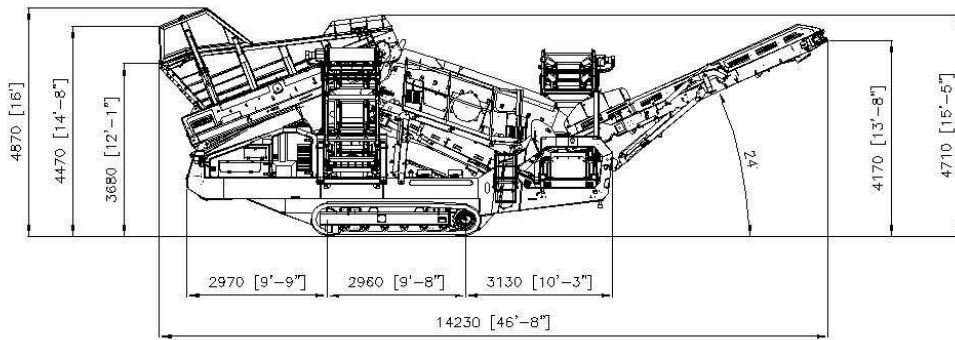
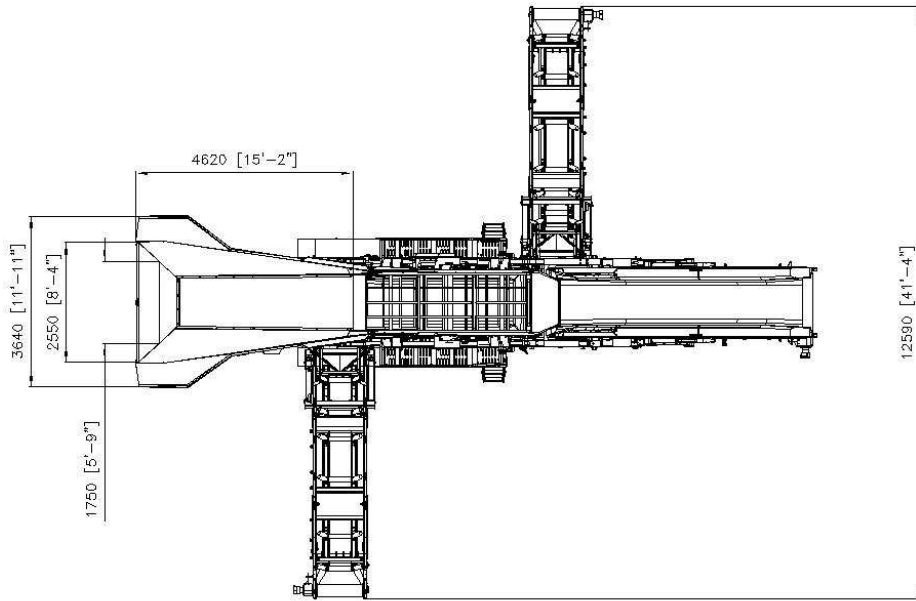
**Figure 5: Warrior 1400X 2 Deck Track
Telescopic Side Conveyors
3 Way Split
Working Position**

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Powerscreen® Warrior 1400X

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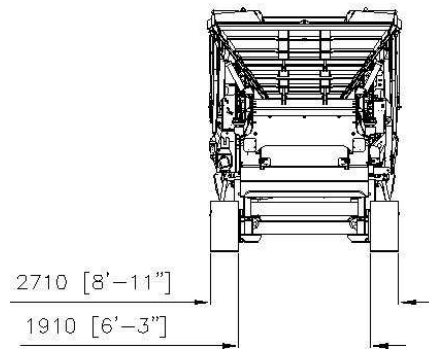
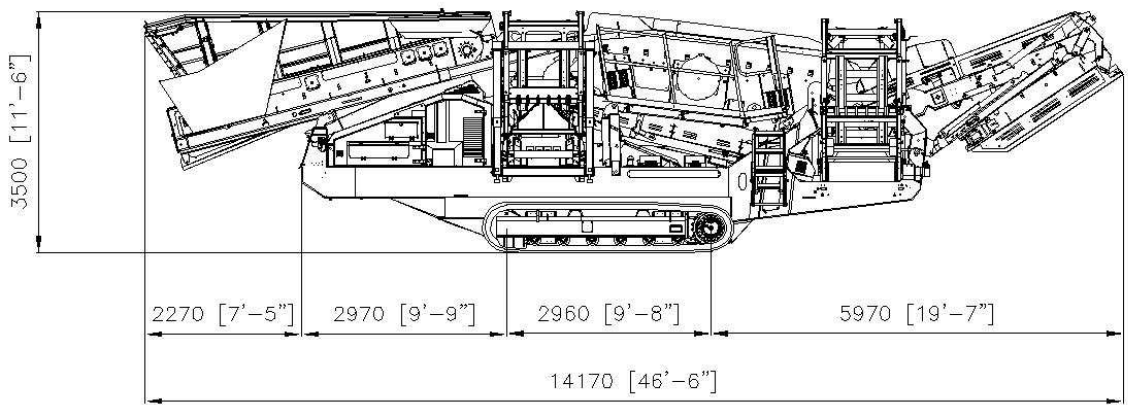
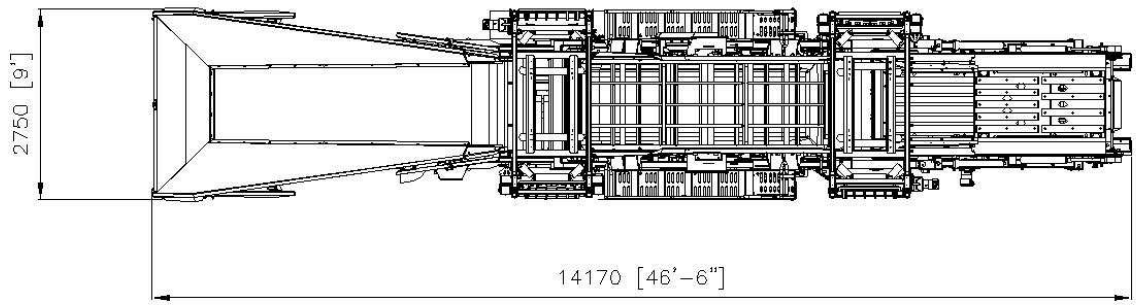
**Figure 6: Warrior 1400X 2 Deck Track
300mm Chassis Riser
3 Way Split
Working Position**

All specifications subject to change without prior notice



Powerscreen® Warrior 1400X

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**Figure 7: Warrior 1400X 2 Deck Track
300mm Chassis Riser
3 Way Split
Transport Position**

All specifications subject to change without prior notice



Powerscreen® Warrior 1400X

Specification - Rev 2. 01/01/2013



Powerscreen equipment complies with CE requirements.

Please consult Powerscreen if you have any other specific requirements in respect of guarding, noise or vibration levels, dust emissions, or any other factors relevant to health and safety measures or environmental protection needs. On receipt of specific requests, we will endeavour to ascertain the need for additional equipment and, if appropriate, quote extra to contract prices.

Every endeavour will be made to supply equipment as specified, but we reserve the right, where necessary, to amend the specifications without prior notice as we operate a policy of continual product development. All reasonable steps have been taken to ensure the accuracy of this publication, however due to a policy of continual product development we reserve the right to change specifications without notice.

It is the importers' responsibility to check that all equipment supplied complies with local legislation regulatory requirements.

Plant performance figures given in this brochure are for illustration purposes only and will vary depending upon various factors, including feed material gradings and characteristics. Information relating to capacity or performance contained within this publication is not intended to be, nor will be, legally binding.

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