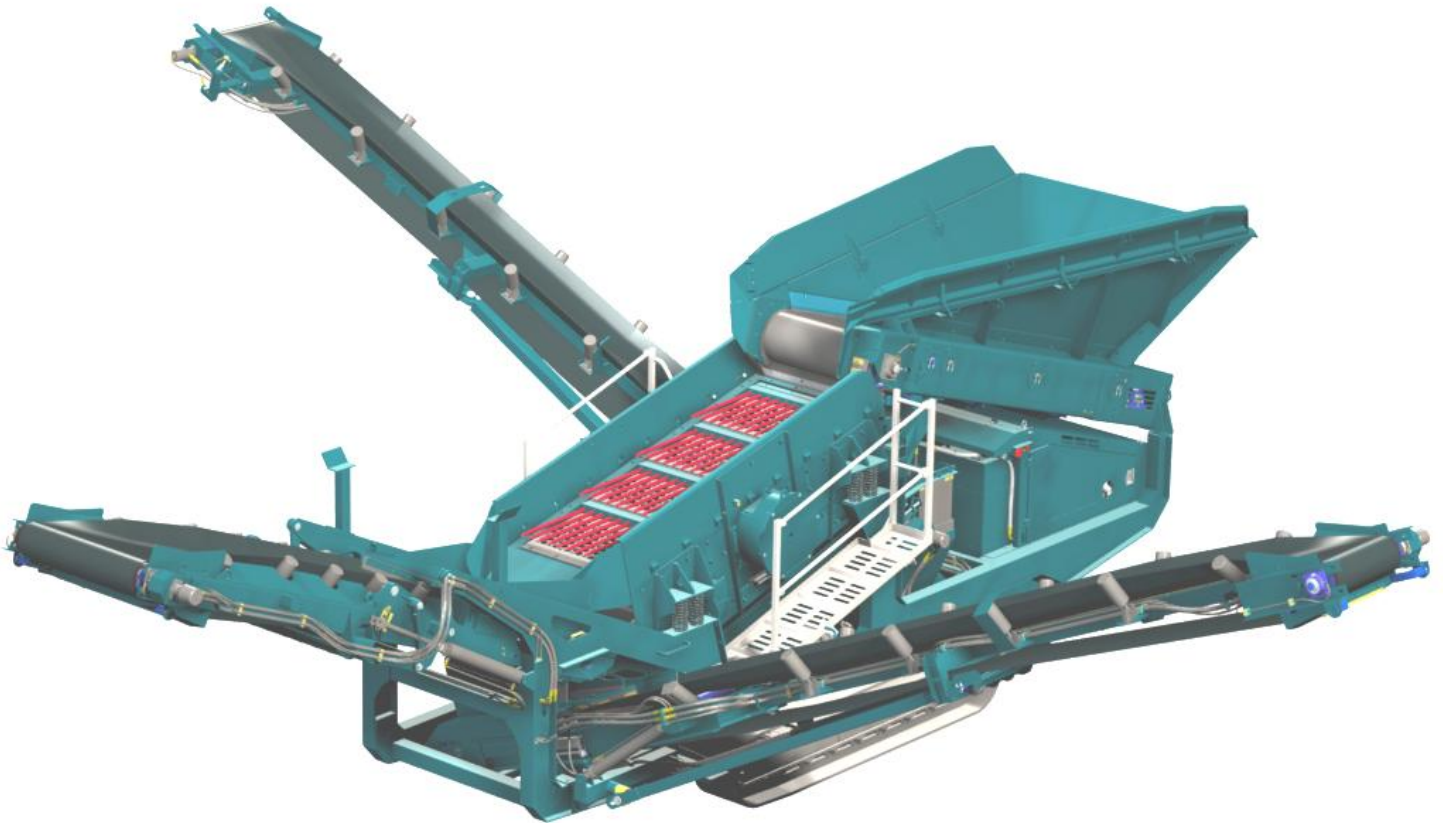

Warrior 800

Heavy Duty Incline Screen

SPECIFICATION – Rev 4 23/11/10





Warrior 800

SPECIFICATION – Rev 4 23/11/10

FEATURES

		Track	Wheel
Total weight		16,700 kgs	Est. 16,500 kgs
Transport	<i>Length</i>	9.22 (30'-3")	10.64m (34'-11")
	<i>Width</i>	2.5m (8'-2")	2.5m (8'-2")
	<i>Height</i>	3.09m (10'-1")	3.51m (11'-6")
Operation	<i>Length</i>	11.11m (36' 5")	12.5m (41')
	<i>Width</i>	14.09m (46'-3")	14.09m (46'-3")
	<i>Height</i>	3.92m (12'-10")	4.33 m (14'-3")
Screenunit		2.77m x 1.22m (9' x 4')	2.77m x 1.22m (9' x 4')
Powerunit		Diesel / Hydraulic	Diesel / Hydraulic

BENEFITS

- Versatile unit for three way splitting, stockpiling or scalping before or after a crusher
- Simple to operate & maintain
- Below 2.55m wide, meets European transport width regulation
- Quick set up time, rigid hopper wings, hydraulic folding tail & side conveyors
- Capacity up to 250/280 TPH (depending on mesh sizes and material type)
- Variable speed hopper featuring impact bars & rollers
- Collapsible rear hopper wall for direct feeding
- Robust, Heavy duty, fixed angle 2 bearing, 2 deck screen
- Wide range of screen media available
- Hydraulic "slide out facility" on tail conveyor, maximum bottom deck access
- Diesel hydraulic powerunit, high performance hydraulic system
- Available in track mobile or wheel mobile configurations
 - Track mobile: Heavy duty, 2 speed crawler tracks c/w pendant remote control
 - Wheel mobile: Towbar or Pintal hook hitches c/w tandem braking axle

APPLICATIONS

- Topsoil
- Recycling
- C&D Waste
- Aggregate
- Sand and gravel
- Coal



Warrior 800

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HOPPER

Target area:	3.54m (11' 7") long x 2.19m (7' 2") wide
Hopper capacity standard:	2.9m ³ (3.8 cu. yd.)
Hopper capacity (2 extentions)	4.7m ³ (6.15 cu. yd.)
Feed in height: (Track)	3.09m (10'-1")
Feed in height: (Wheel)	3.5m (11'-6")
Hopper extension adds:	0.32m (13")
LHS & RHS 1m short hopper outlet extensions (supplied loose as std)	



FEED CONVEYOR

1050mm (41") 4 ply plain belt
Variable speed control
Impact bars + heavy duty impact rollers
3.22m (10'1") drum centres
350mm (14") drum diameter

SCREENBOX

2.77m x 1.22m (9' x 4') 2 deck screenbox.
2 bearing shaft arrangement complete with direct drive
Side tension top deck
End tension bottom deck
Variable speed & stroke
Top deck media: bofor deck, Fingers, Punch Plate and Mesh
Bottom deck media: Mesh, Fingers, SCS ball deck
Rubber Screen Blanket (optional)

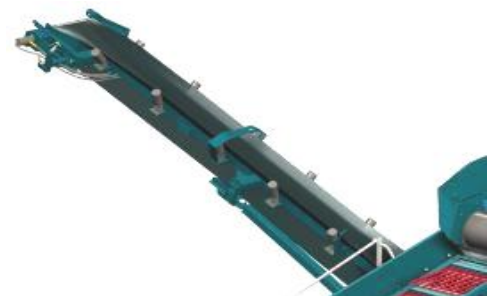


UNDER SCREEN CONVEYOR

1050mm (41") wide 3-ply plain belt
2.73m (8'-11") drum centres
216mm (8 1/2") diameter drive drum

FINES - SIDE CONVEYOR

650mm (26") wide 3-ply plain belt (chevron belt optional)
Variable speed control, hydraulically folding
3.82m (12'-7") stockpile height (Track)
4.14m (13'-7") stockpile height (Wheel)
7.82m (25' 8") drum centres
216mm (8 1/2") diameter drive drum
Fixed Angle





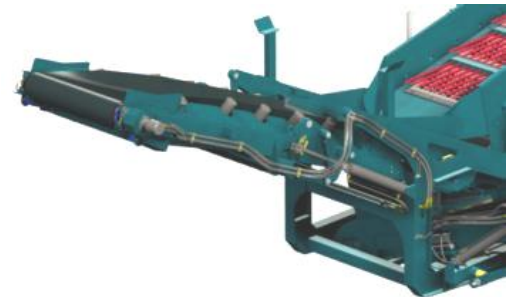
MIDSIZE - SIDE CONVEYOR

650mm (26") wide 3-ply plain belt (chevron belt optional)
 Variable speed control, hydraulically folding
 3.64m (11'-11") stockpile height (Track)
 3.98m (13'-1") stockpile height (Wheel)
 7.82m (25' 8") drum centres
 216mm (8 ½") diameter drive drum
 Fixed Angle



OVERSIZE - TAIL CONVEYOR

1050mm (41' 4") wide 3-ply chevron belt
 Variable speed control, hydraulically folding
 Impact slips full length of conveyer
 3.03m (9' 11") stockpile height on track machine
 3.38m (11' 1") stockpile height on wheel machine
 4.29m (14'1") drum centres
 216mm (8 ½") diameter drive drum
 Hydraulic combined slide out & fold mechanism: Patent Pending



POWERUNIT & HYDRAULICS

Engine: DEUTZ TD 2011 L04I TIER 3 – 4 cylinder diesel, developing 49.4kW (66.2hp) @ 2300RPM

Flywheel pump:	Cast iron 27/27/27 cc/rev triple pump
Feed conveyor motors:	Cast iron 125cc/rev motor
Tail conveyor motor:	Cast iron 400cc/rev motor
Mid fines side conveyor motor:	Cast iron 315cc/rev motor
Under screen conveyor motor:	Cast iron 400cc/rev motor
Fines side conveyor motor:	Cast iron 315cc/rev motor
Screen Motor:	Cast iron 58cc/rev motor



TANK CAPACITIES

Hydraulic tank:	500L (110 Gal)
Diesel tank:	145L (32 Gal)

CRAWLER TRACK DATA

Total Tractive effort	156 KN (35070 lb/ft)
Gradability Percentage:	109.1% (47.5 degrees)
Gearbox Ratio:	170.2:1
Hydraulic Motor:	45 cc/rev
Approximate Speed:	Slow: 07 kph Fast: 1.3 kph





WHEEL MOBILE VERSION

TUV prepared as standard, features include:

ABS- tandem axle bogie

Tandem Axle Bogie

Wheels: 385/5519.5 (4 off)

Axle Weight Distribution:

(8000kg per axle & 750-1000kg on hitch)

Maximum Plated Bogie Speed: 105 Kph

TUV version as standard

Mechanical Handbrake

Hydraulic jacking legs

Lateral protection & Wheel chocks

TUV Lighting kit including side markers

Slide out, rear under run protection

Choice of 3 hitches:

- 40mm towing eye
- 50mm towing eye
- Pintal hook & towing eye



WHEEL & TRACK OPTIONS

Full length Hopper Extensions: LHS & RHS

2 off 3.9m x 0.36m manual folding, full length hopper extensions

Feed height increases + 320mm (12")

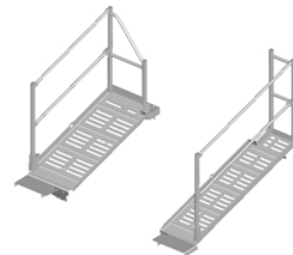
(Short outlets also supplied loose for retrofit purposes)



Walkways: LHS & RHS

LHS (fixed, non-drive side) c/w handrail

RHS (slide out, drive side) c/w handrail



Super grip feeder drive drum

Fines & Midsize Side conveyor Chevron Belts

Radio control tracks

Rubber Screen blanket

Auto Lubrication system

Dust suppression, complete with conveyor covers. (Order via Parts Dept)



Warrior 800

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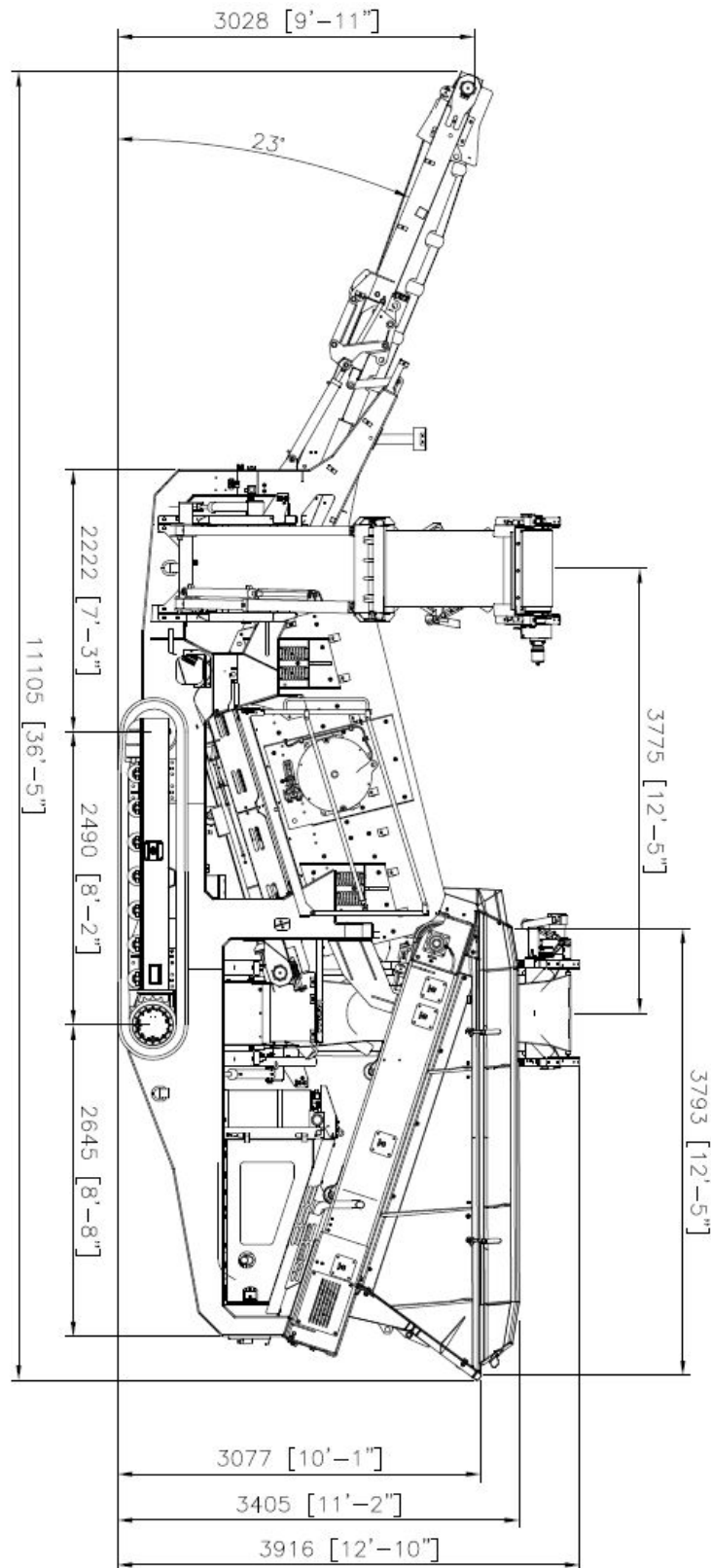


FIGURE 1: W800 TRACK - WORKING POSITION (side view)

All specifications subject to change without prior notice





Warrior 800

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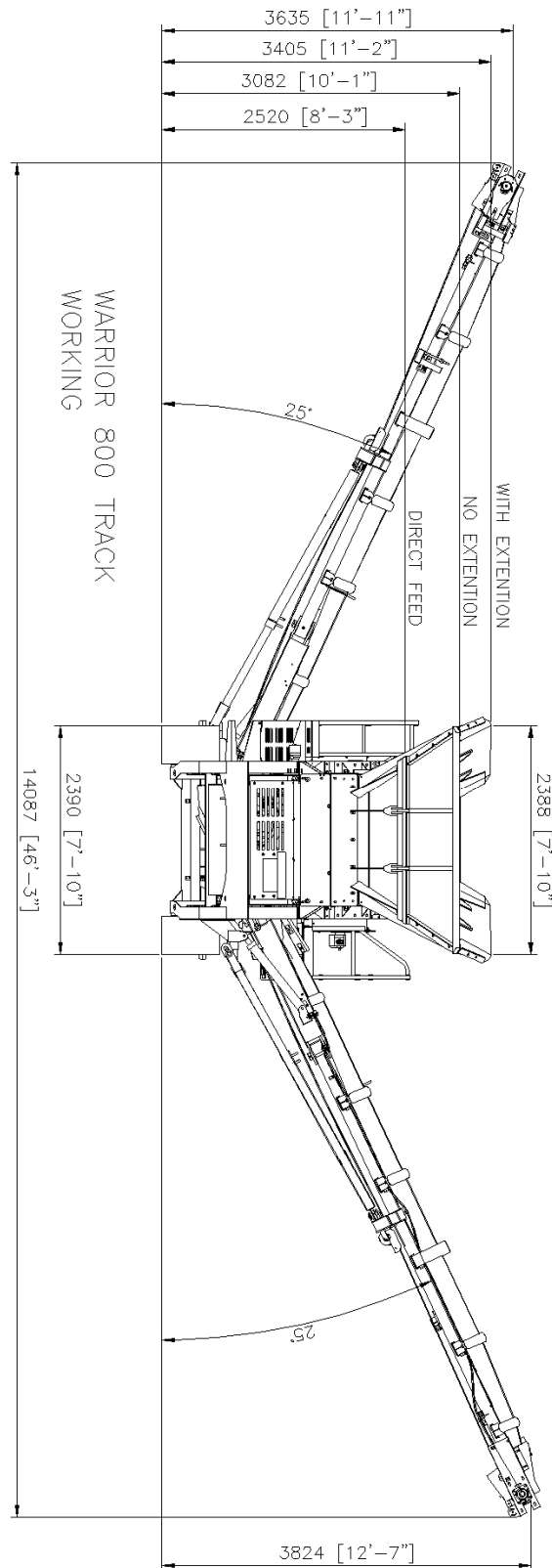


FIGURE 2: W800 TRACK - WORKING POSITION (end view)

All specifications subject to change without prior notice



Warrior 800

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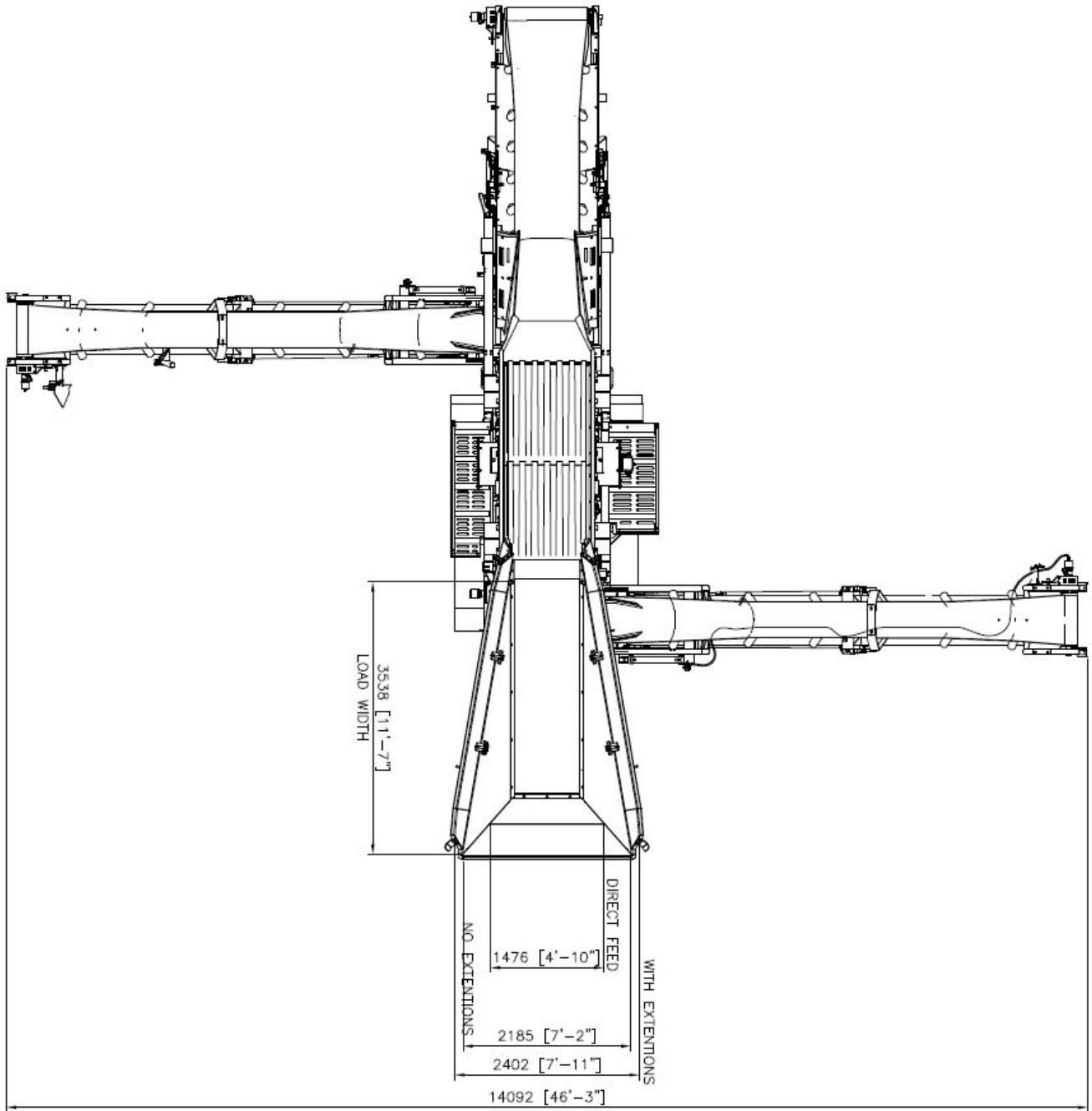


FIGURE 3: W800 TRACK - WORKING POSITION (plan view)

All specifications subject to change without prior notice



Warrior 800

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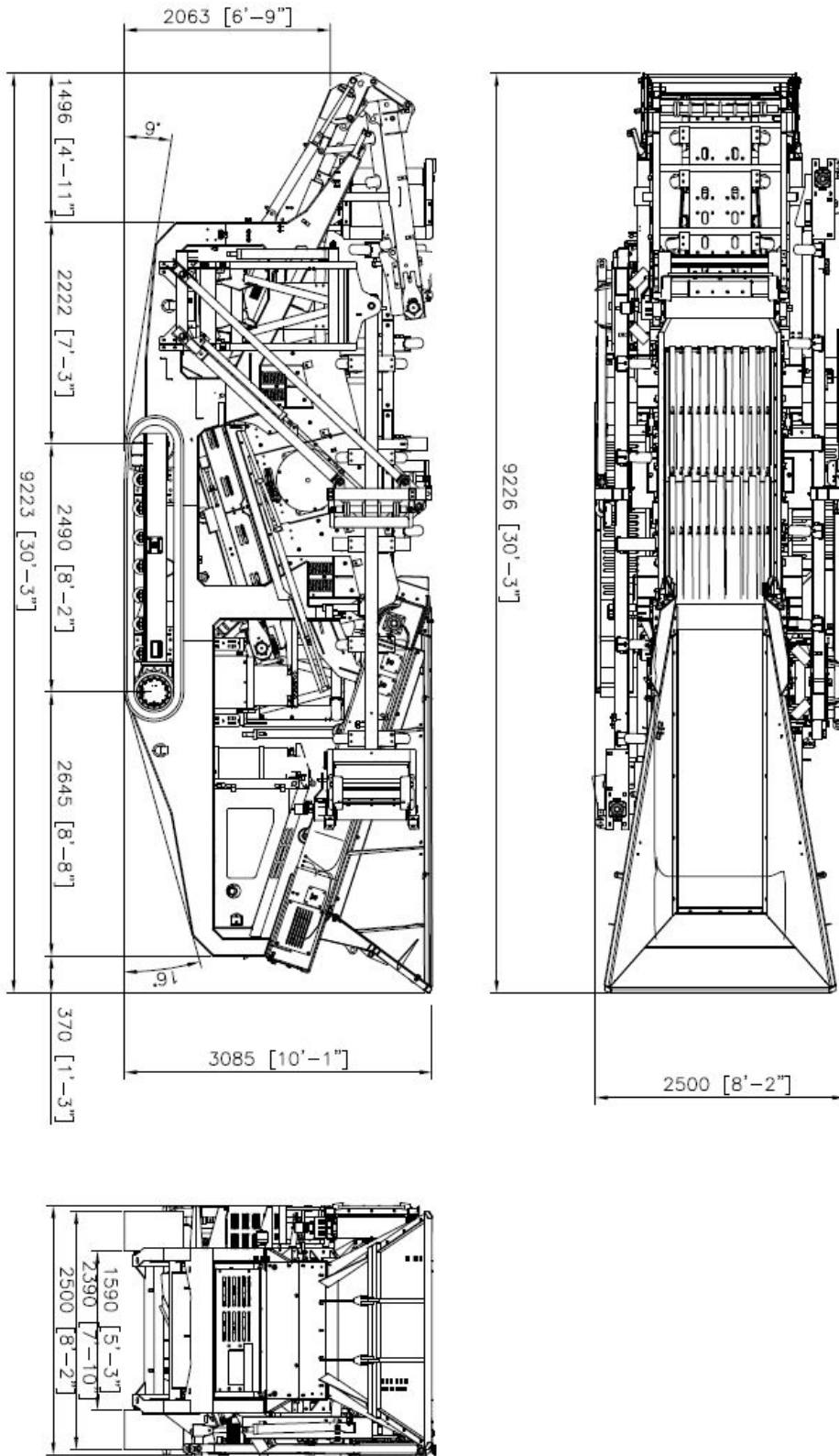


FIGURE 4: W800 TRACK - TRANSPORT POSITION

All specifications subject to change without prior notice





Warrior 800

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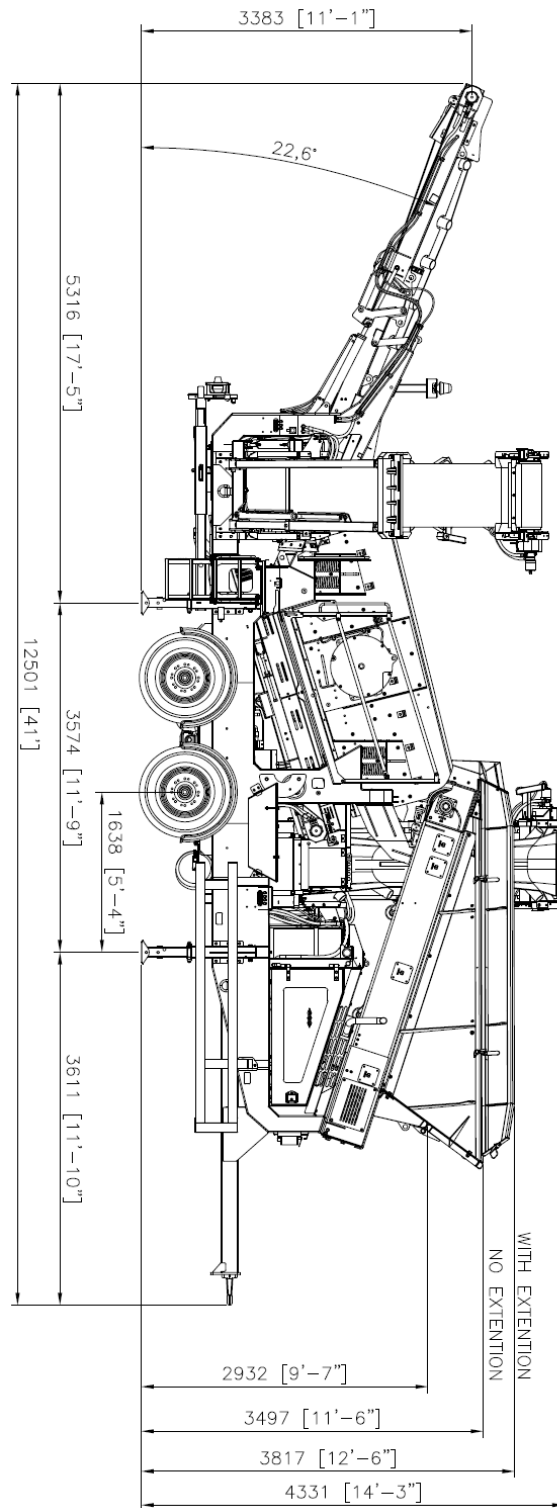


FIGURE 5: W800 WHEEL - WORKING POSITION (side view)

All specifications subject to change without prior notice





Warrior 800

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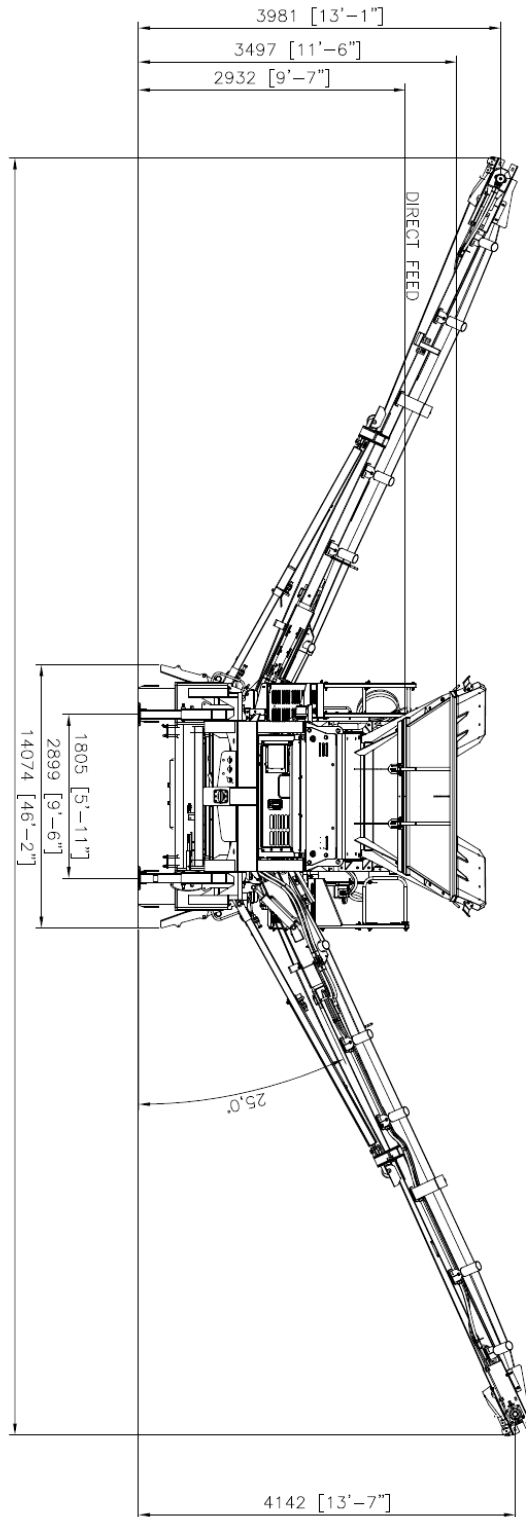


FIGURE 6: W800 WHEEL - WORKING POSITION (end view)

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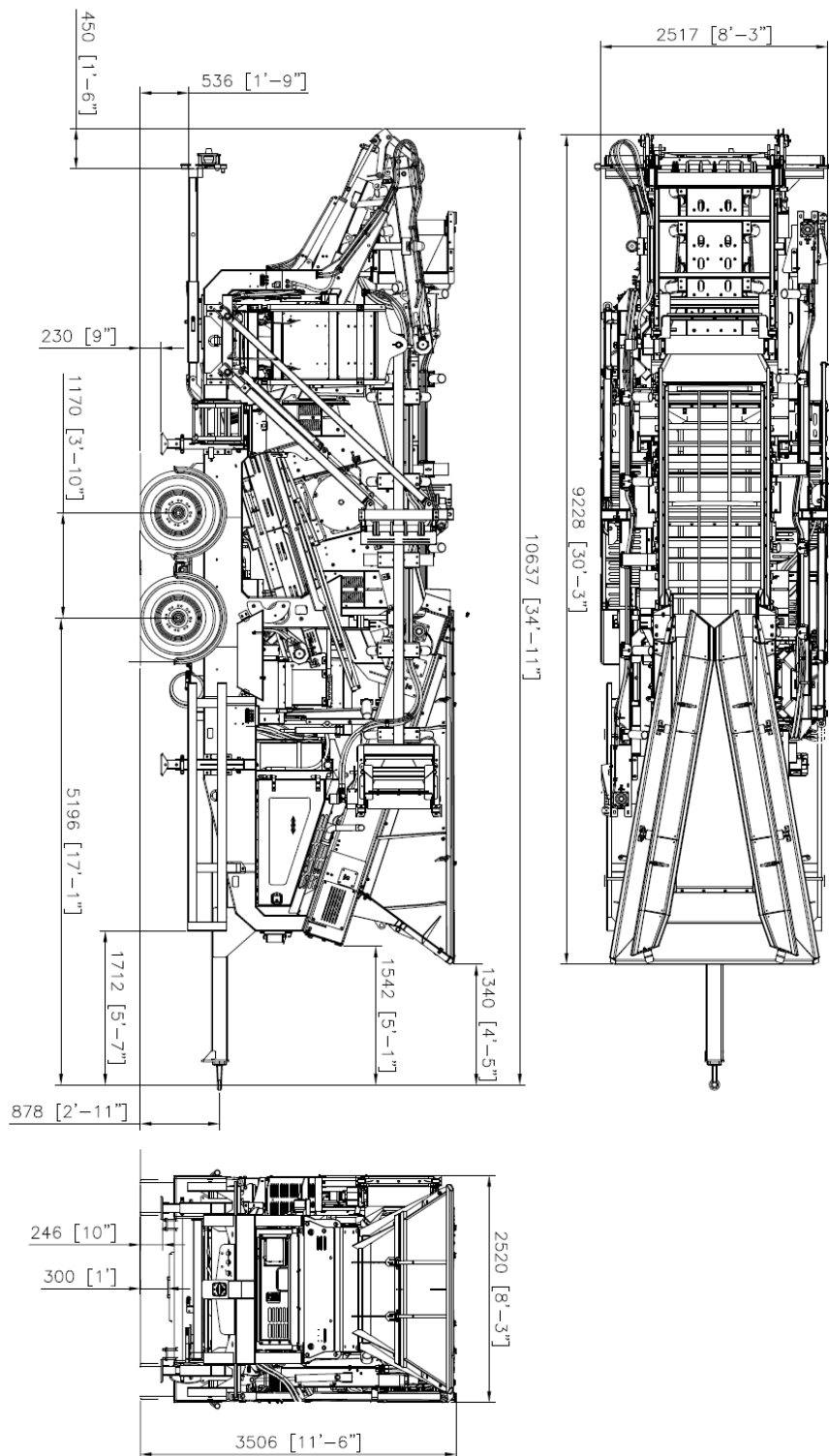


FIGURE 7: W800 WHEEL - TRANSPORT POSITION

All specifications subject to change without prior notice





Warrior 800

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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.

Terex GB Ltd.
200 Coalisland Road
Dungannon
Co. Tyrone
Northern Ireland
BT71 4DR

Tel: +44(0) 28 8774 0701
Fax: +44(0) 28 8774 6569

E-Mail: sales@powerscreen.com
Web: www.powerscreen.com

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