



WR 80

Radial Conveyor



REDUCED COST



SITE OPERATING
EFFICIENCY



ENVIRONMENTAL
CONSIDERATIONS



IMPROVE HEALTH
& SAFETY



PRODUCT
QUALITY

VARIANTS WR 80



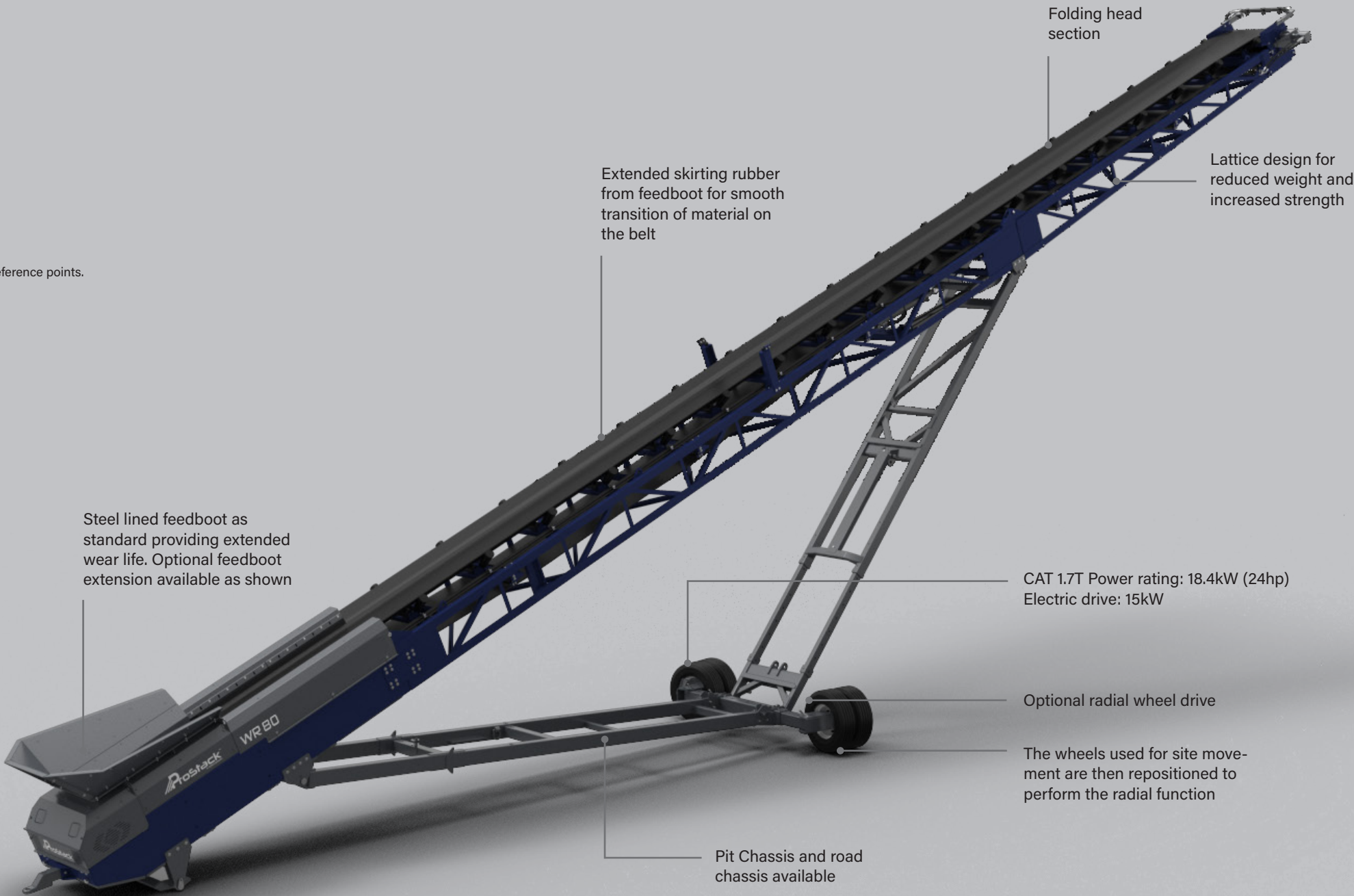
OVERVIEW

Total Weight	9,000kg (19,842bs)		
Transport Road	Length	16.17m (52' 11")	
	Height	3.36m (11')	
	Width	2.5m (8' 3")	
Transport Pit	Length	16.55m (52' 3")	
	Height	3.95m (12'11")	
	Width	3.1m (10' 2")	
Working Road & Pit	Drum Length	22.85m (74' 10")	
	Height	9.95m (32' 7")	
	Width Road	4.48m (14' 8")	
	Width Pit	3.28m (10' 9")	
	Max Angle	23°	
Power Unit	CAT 18.4kW (24hp) or Honda 3.7kW (5hp)		

NOTE: Dimensions may differ slightly from sales drawings due to differences in angles / reference points.

FEATURES & BENEFITS

- High capacity up to 300tph (331 US tph).
- Maximum feed size up to 100mm (4").
- Single axle with dual wheels for increased stability in transport and reduced ground compaction.
- Road legal for American transport.
- Easy transport - two of these units can fit into a shipping container, and two can fit onto a trailer.
- Extended feedboot skirting to prevent spillage.
- Low level grease points for easy maintenance.
- Large canopy door for full access to the power unit.
- Braked axle.
- Mechanical engine with no after treatment.
- Lattice design for increased strength and reduced weight.
- High quality plough scraper.
- Filters are compatible with other Terex equipment for easy service.
- Optional radial hydraulic function available.
- Two emergency stops.



WR 80

FEEDBOOT	
Standard Feedboot Capacity:	0.35 m³ (0.43yd³)
Feed in Width:	775mm (2' 7")
Extended Feedboot Capacity:	1.1m³ (1.4yd³)
Extended Feed in Width:	1658mm (5' 2")
Min Feed Height:	1534mm (5')
Extended Min Feed Height:	1793mm (5' 10")

DISCHARGE CONVEYOR	
Width:	900mm (36")
Belt Centres:	22.85m (74' 10")
Belt Type:	Plain
Belt Spec:	EP400 3 4+2
Motor Size:	15kW electric, OMV 500cc hydraulic
Drive Drum Dia:	293mm (11.5")
Tail Drum Dia:	273mm (10.7")
Max Speed:	76m/m (249 ft/min) Hydraulic, 89m/m (292 ft/min) Electric @50Hz
Operating Angle:	7° - 23°
Discharge Height @23° Conical Stockpile:	9.221m (30' 3")
Discharge Radius:	20.958m (68' 9")
0° Radial:	1,446m³ (2,313 Cu.Yd)
30° Radial:	2,684m³ (4,295 cu.yd)
60° Radial:	3,922m³ (6,275 cu.yd)
90° Radial:	5,160m³ (8,257 cu.yd)
120° Radial:	6,399m³ (10,238 cu.y
150° Radial:	7,637m³ (12,219 cu.yd)
180° Radial:	8,875m3 (14,200 cu.yd)
270° Radial:	12,590m3 (20,143 cu.yd)



CHASSIS OPTIONS (ROAD)	
Wheel Radius:	398mm (15.7")
No of Axles:	1
No of Studs:	8
Braked axle	
Light board	
Hydraulic kingpin jack legs (must have an engine selected).	

CHASSIS OPTIONS (PIT)	
Wheel Radius:	398mm (15.7")
No of Axles:	1
No of Studs:	8

NOTE The customer must choose which chassis they require. When a road chassis is selected, if either a deployment or full engine is not selected then the user will lose the ability to choose either the single wheel drive option or the hydraulic jack leg option.

POWER UNIT & HYDRAULICS	
Engine:	CAT C1.7T
Power Rating:	18.4kW (24hp)
RPM:	2300rpm
Crankshaft Pump:	95L (25 US GAL)
Hydraulic Tank Capacity:	270L (71 US GAL)

DEPLOYMENT ENGINE	
Engine:	Honda
Power Rating:	3.7kW (5hp)



NOTE The customer has 4 options to choose from regarding how their unit is powered:

1. Via hydraulic coupling from another machine (ability to power all hydraulic functions without an on-board engine) - Standard offering.
2. Electric drive as standard - plug into an external power source
3. Full engine
4. Deployment engine

When the electric option is chosen, the following options cannot be selected unless a deployment engine or coupling drive is selected:

- Hydraulic fold over for transport
- Hydraulic angle adjust

If the standard electric option is selected, and the pull cord emergency stop options are selected, it is the customers responsibility

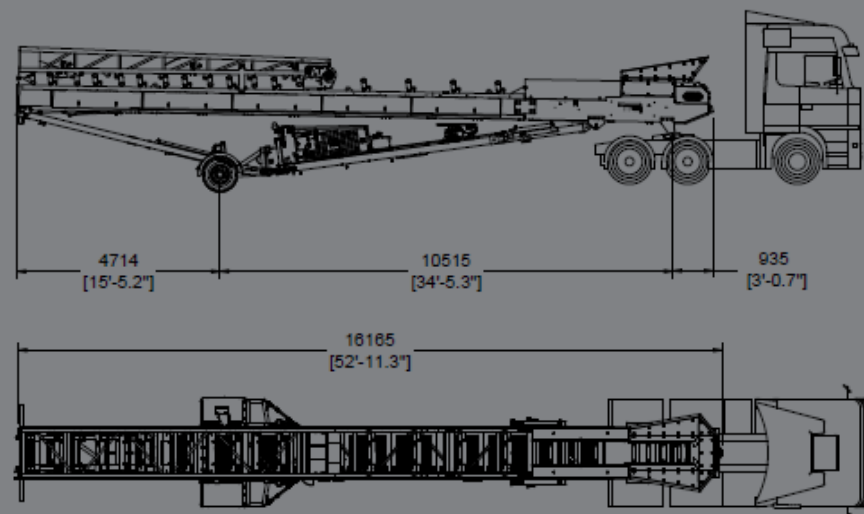
OPTIONS:
Hydraulic Axle Jacking Legs
The hydraulic axle jacking legs make it easy to convert the machine from towing mode to working / radial mode
Hydraulic Feedboot End Transport Jacking Legs
The hydraulic feedboot end transport jacking legs make it convenient to raise and lower the machine for towing purposes.only)
Feedboot with removable 6mm steel wear liners
Feedboot wear liners - 6mm AR400
Feedboot extension with liners - Mild steel, 6mm AR400 or 20mm rubber
High spec scraper at the head drum - plain belt only
Chevron belt EP 315/3 Ply x 3 + 1.5 covers
Heavy duty plain belt EP500/3 8 + 2 covers
Conveyor under guard the length of mid-section
Hydraulic fold over for transport - must select an engine
Hydraulic angle adjust - must select an engine
Manual radial functionality
Canvas dust covers on conveyor (can be retrofitted)
Spray bar at head drum
Hydraulic axle jack legs - pit chassis only and an engine must be selected
Single wheel drive - pit chassis only and an engine must be selected
Towing eye - road chassis only
ISO 68 hydraulic oil - an engine must be selected
Emergency stops
Pull cord emergency stop control panel side
Pull cord emergency stop non control panel side
Special paint colour

DIMENSIONS WR 80

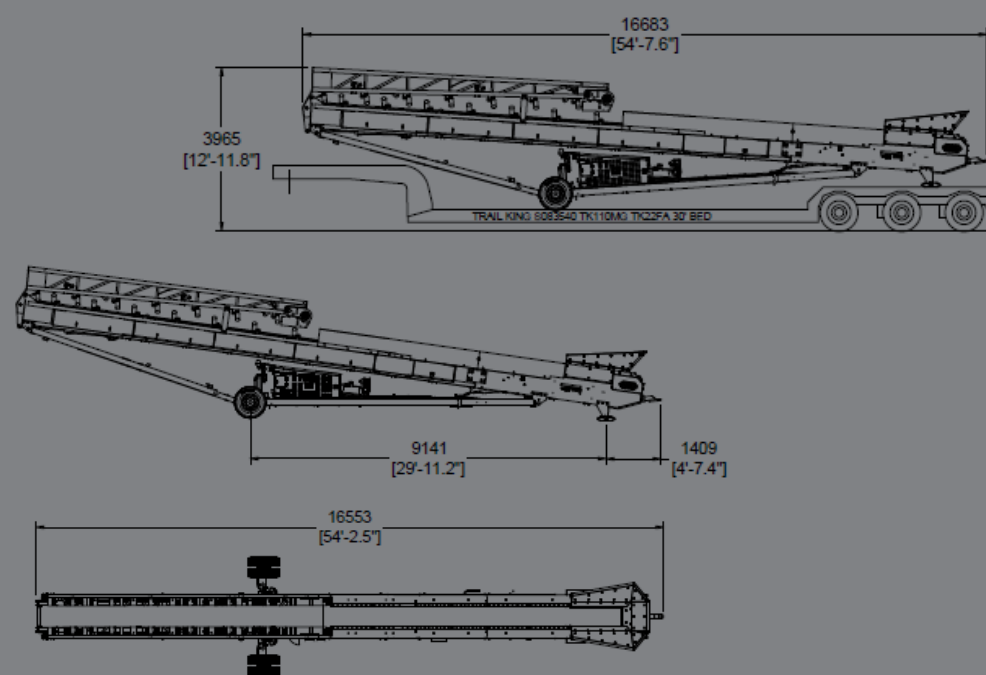


TRANSPORT

[ROAD]

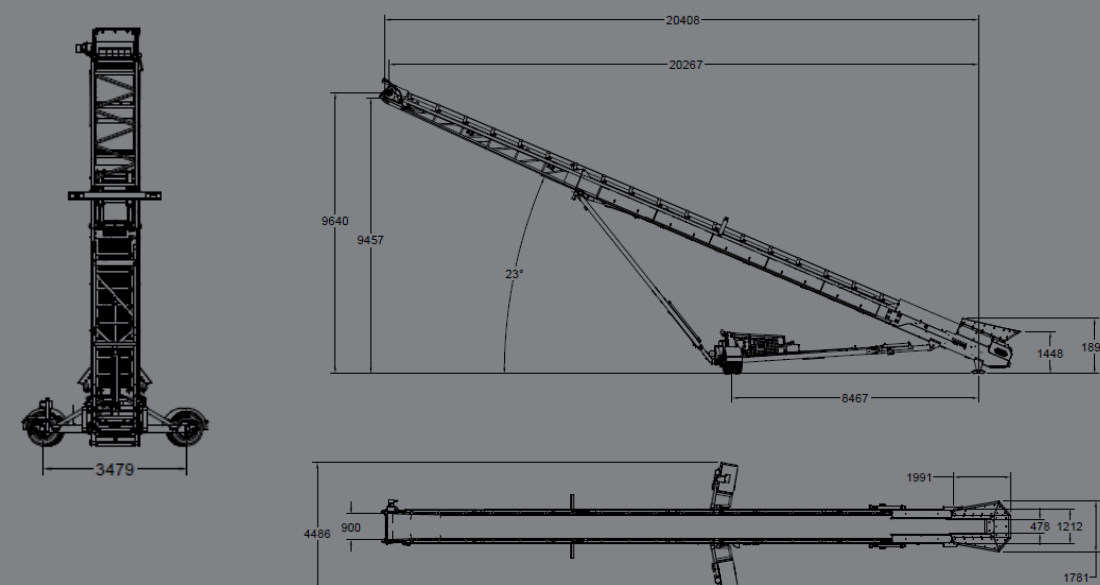


[PIT]

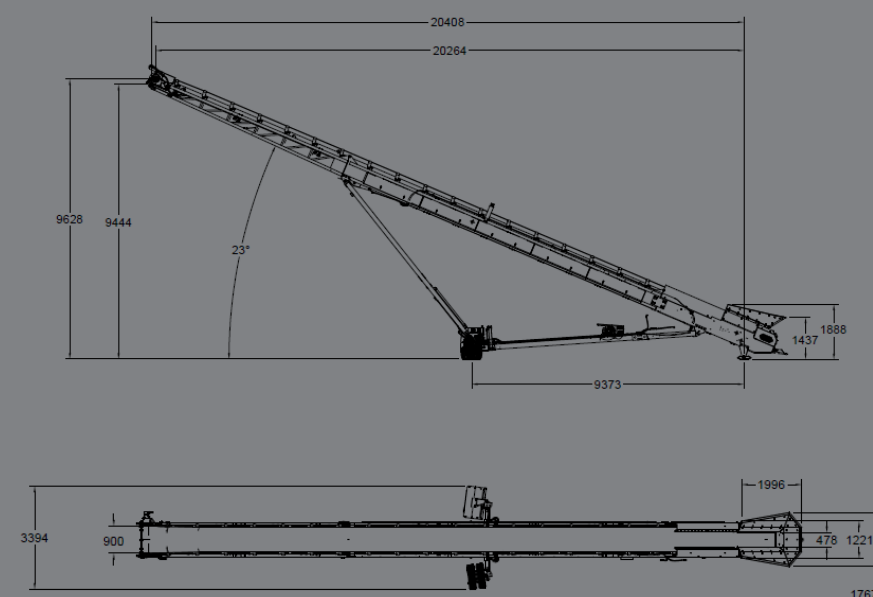


WORKING

[ROAD]



[PIT]



FOR FURTHER INFORMATION PLEASE CONTACT:

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