



## TR 80

### Radial Conveyor



REDUCED COST



SITE OPERATING  
EFFICIENCY



ENVIRONMENTAL  
CONSIDERATIONS



IMPROVE HEALTH  
& SAFETY



PRODUCT  
QUALITY

# VARIANTS TR 80

## OVERVIEW

Total Weight	19,800kg (43,652lbs)
Transport	Length 15.2m (49' 10")
	Height 3.36m (11')
	Width 2.52m (8' 3")
Working @ 24°	Length 22.66m (74' 4")
	Height 11.65m (38' 3")
	Width 5.29m (17' 4")
Power Unit	Tier 3: CAT 4.4 62kW (83hp) or, Tier 4F: CAT 4.4 82kW (110hp) or, Stage IV: Deutz TC 2.9 L4 55kW (73hp)

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

## FEATURES & BENEFITS

- High capacity up to 600tph (661 US tph).
- Maximum feed size up to 150mm (6").
- Eliminates the need for wheeled loaders to create stockpiles - reduces labour and maintenance costs.
- Eliminates the need for handling material multiple times - reduces labour and maintenance costs.
- Improved material quality due to reduced compaction, degradation, segregation and contamination.
- Multiple hopper options available depending on required capacities and operators loading methods or application.
- Rapid set up time and manoeuvrability around site.
- Reduced fuel consumption due to reduced reliance on wheeled loaders.
- Reduced wear on wheeled loaders where a conveyor is utilised.
- Semi automated stockpiling program as standard.
- Fully automated stockpiling program.
- Feedboot sealed with slider pads.
- Tracking with wheel drive assist for better traction onto trailers.
- Wheel braking when tracks brakes - improved safety.
- Radio remote option for radial, conveyor raise / lower & conveyor start / stop.
- Heavy duty belt tensioner
- Hydraulic discharge height adjustment.
- Hydraulic folding for transport.
- Spring mounted poly blade head drum scraper.



Hydraulic folding head section

Pinless deployment

Fully protected power unit with easy access for service and maintenance  
Tier 3/Stage 3A: CAT C4.4 62kW (83hp)  
Tier4F/Stage IV: CAT C4.4 82kW (110hp)  
Stage V: Deutz TC 2.9 L4 55kW (73hp)\*\*  
Fuel tank volume: 220L (58 US GAL)

Hub drive on both wheels

Tracks for quick and controlled deployment

# TR 80

## FEEDBOOR

Standard Feedboot Capacity:	0.6m <sup>3</sup> (0.8yd <sup>3</sup> )
Feed in Width:	1300mm (4' 3")
Extended Feedboot Capacity:	1.6m <sup>3</sup> (2.1yd <sup>3</sup> )
Extended Feed in Width:	2136mm (7')
Min Feed Height:	2400mm (7' 10")
Extended Min Feed Height:	2750mm (9")

## DISCHARGE CONVEYOR

Width:	1050mm (42")
Belt Centres:	22.9m (75' 1")
Belt Type:	Plain
Belt Spec:	EP400 3 4+2
Drive Drum Dia:	340mm (13.4")
Tail Drum Dia:	270mm (10.6")
Max Belt Speed:	124m/m
Motor Size:	630cc
Operating Angle:	5° - 23°
Discharge Height @18°:	9m (29' 6")
Stockpile Capacity @18° & 37° Angle of Repose:	Conical: 1344m <sup>3</sup> (1758 Cu.Yd) / 1250 Kidney Bean:3220m <sup>3</sup> (4212 Cu.Yd)
Discharge Height @24°:	10.9m (34' 9")
Stockpile Capacity @24° & 37° Angle of Repose:	Conical: 2388m <sup>3</sup> (3123 Cu.Yd) / 1250 Kidney Bean:5140m <sup>3</sup> (6722 Cu.Yd)



## TRACKS

Shoe Width:	400mm (1' 4")
Sprocket Centre:	1800mm (5' 11")
Outer Width:	2250mm (7' 5")
Gradability:	7.7°
Speed:	0.6km/h
Track Flow	78.6Lpm



## POWER UNIT & HYDRAULICS

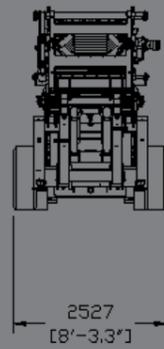
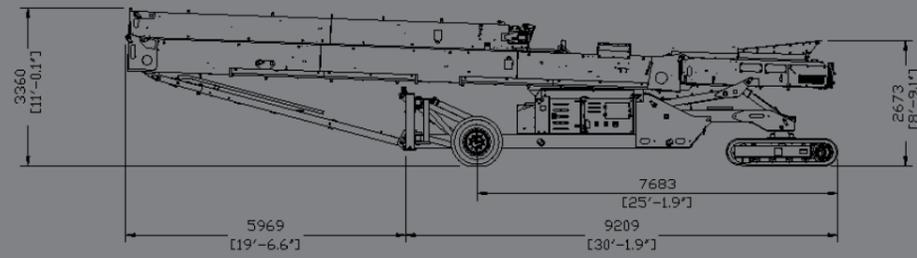
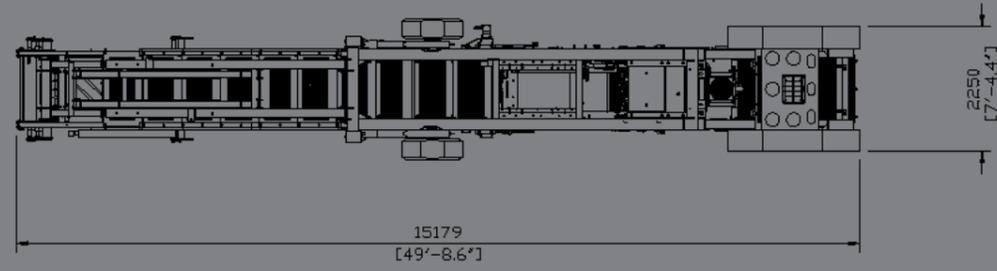
<b>Engine (Tier 3):</b>	CAT C4.4
Power Rating:	62kW (83hp)
RPM:	1800rpm
Crankshaft Pump:	23/23/10/4
<b>Engine (Tier 4F):</b>	CAT C4.4
Power Rating:	82kW (110hp)
RPM:	1800rpm
Crankshaft Pump:	23/23/10/4
<b>Engine (Stage V):</b>	Deutz TC 2.9 L4
Power Rating:	55kW (73hp)
RPM:	1800rpm
Crankshaft Pump:	23/23/10/4
Diesel Tank Capacity:	220L (58 US GAL)
Hydraulic Tank Capacity:	400L (106 US GAL)

## OPTIONS:

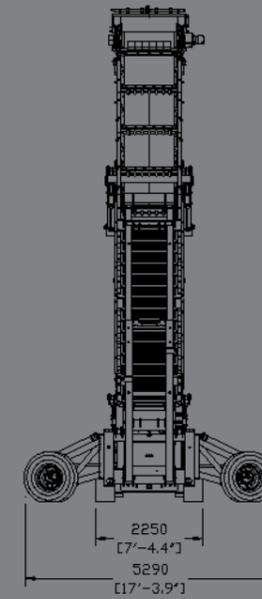
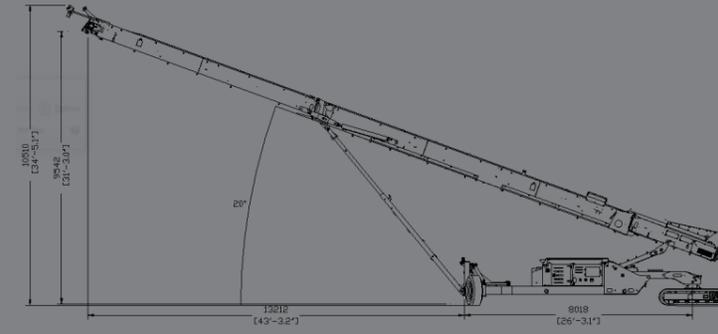
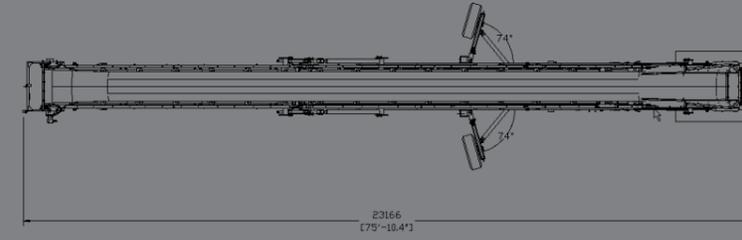
Dust hood
Canvas dust covers complete with dust hood on discharge con-
Full length skirting rubber
Conveyor blade type / primary scraper at head drum (plain belt
Anti-roll back flaps
Discharge belt upgraded to heavy duty belt EP500 4 Ply x 8 + 2 covers
Conveyor under guard length of mid-section
Dust suppression at conveyor head drum (spray bar only)
Belt weigher
Pull cord E-Stop available on either side of machine
Radio remote for tracks, radial & conveyor raise / lower
Steel feedboot wear liners 6mm AR400
20mm rubber feedboot liners
Feedboot extension with steel wear liners
Feedboot extension with rubber wear liners
Feedboot extension with 6mm AR400 wear liners
Impact bed at feedboot area
Chevron belt EP315/3 ply 3 + 1.5 covers
Conveyor head drum guarding
Auto radial & raise function
Grade ISO 68 hydraulic oil (recommended for ambient temperatures between +15 and +50 degrees)
Twin hydraulic drive discharge conveyor

# DIMENSIONS TR 80

## TRANSPORT



## WORKING



## FOR FURTHER INFORMATION PLEASE CONTACT:

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