

**TECHNICAL
SPECIFICATION**



MCR24

RADIAL CONVEYOR

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OVERVIEW

Total Weight	19,800kg (43,652lbs)	
Transport	Length	15.2m (49' 10")
	Height	3.36m (11')
	Width	2.52m (8' 3")
Working @ 23°	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)

Tracks for quick and controlled deployment

Hub drive on both wheels

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FEEDBOOT

Standard Feedboot Capacity:	0.6 m ³ (0.8yd ³)
Feed in Width:	1300mm (4' 3")
Extended Feedboot Capacity:	1.6m ³ (2.1yd ³)
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 ³ (1758 Cu.Yd) / 1250 Kidney Bean:3220m ³ (4212 Cu.Yd)
Discharge Height @23°:	10.9m (34' 9")
Stockpile Capacity @23° & 37° Angle of Repose:	Conical: 2388m ³ (3123 Cu.Yd) / 1250 Kidney Bean:5140m ³ (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

Engine (Tier 3):	CAT C4.4
Power Rating:	62kW (83hp)
RPM:	1800rpm
Crankshaft Pump:	23/23/10/4
Engine (Tier 4F):	CAT C4.4
Power Rating:	82kW (110hp)
RPM:	1800rpm
Crankshaft Pump:	23/23/10/4
Engine (Stage IV):	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)

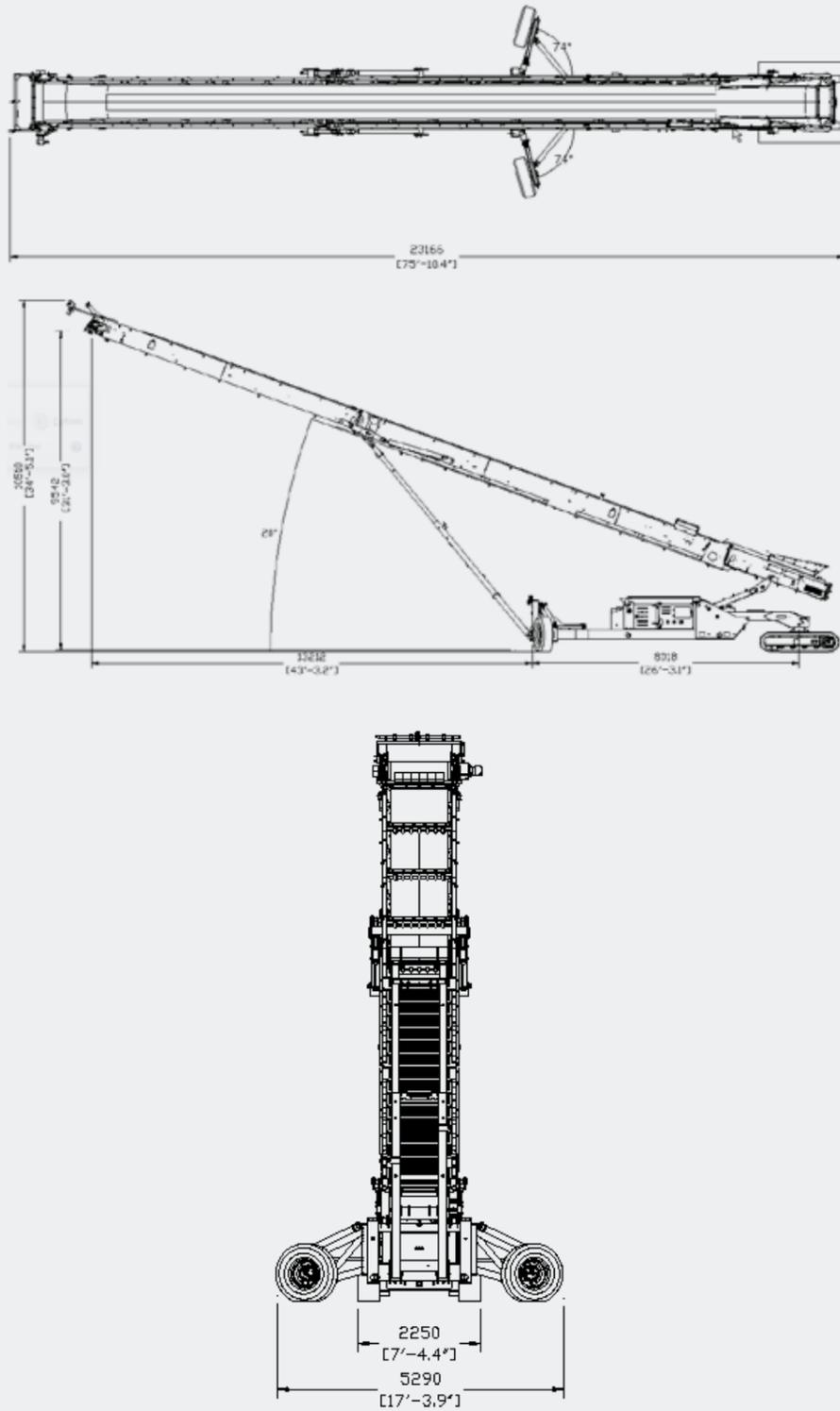
OPTIONS

- Dust hood
- Canvas dust covers complete with dust hood on discharge conveyor
- Full length skirting rubber
- Conveyor blade type / primary scraper at head drum (plain belt only)
- 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.

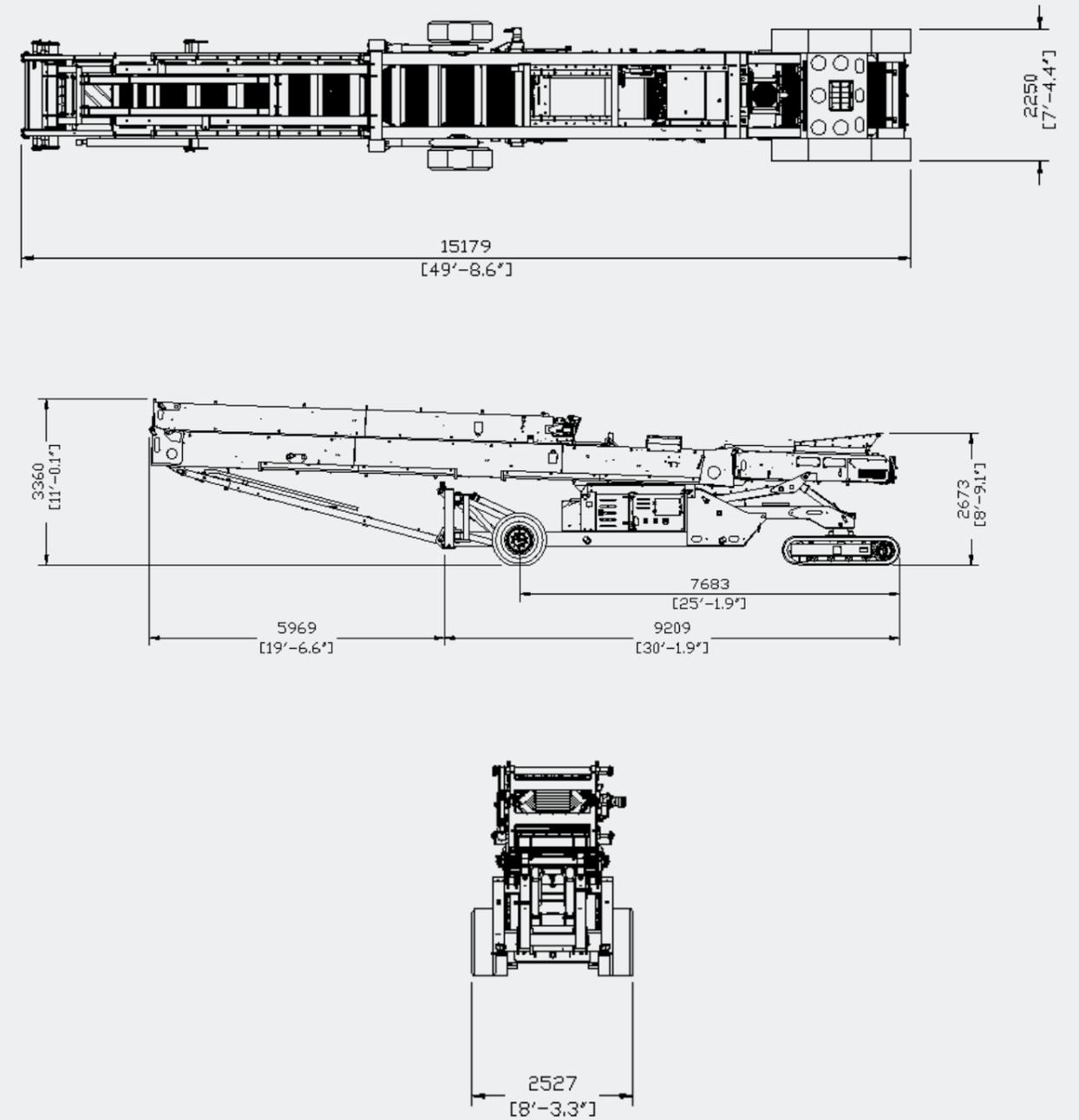


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WORKING DIMENSIONS



TRANSPORT DIMENSIONS





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