

**TECHNICAL
SPECIFICATION**



MCT31

TRACKED CONVEYOR

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OVERVIEW

Total Weight	21,800kg (48,061bs)
Transport	Length 11.9m (39')
	Height 3.43m (11' 3")
	Width 2.8m (9' 4")
Working @ 24°	Length 28.22m (92' 7")
	Height 12.9m (42' 4")
	Width 2.8m (9' 4")
Power Unit	Tier 3: CAT C4.4 83kW (111hp) or, Tier 4F: CAT C4.4 82kW (110hp) or, Stage V: CAT C2.2 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.
- Hydraulic folding head section.
- Tensioned polyurethane belt cleaner.
- Hydraulic feed in height adjustment.
- Hydraulic fold over for transport.
- Rosta scraper.
- 40 degree rollers.
- Variable speed conveyor via engine speed.
- Feedboot with removable 6mm steel wear liners.



Fully protected power unit with easy access for service and maintenance
 Stage 3A: CAT C4.4 83kW (111hp)
 Tier 4F: CAT C4.4 82kW (110hp)
 Stage V: CAT C2.2 55kW (73hp)**
 Fuel tank volume: 220L (58 US GAL)

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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:	1850mm (6' 1")
Standard Min Feed Height @24°:	1013mm (3' 4")
Extended Min Feed Height @24°:	1313mm (4' 4")



DISCHARGE CONVEYOR

Width:	1050mm (42")
Belt Centres:	30.1m (98' 9")
Belt Type:	Plain
Belt Spec:	EP400 3 4+2
Drive Drum Dia:	340mm (13.4")
Tail Drum Dia:	270mm (10.6")
Max Belt Speed:	175m/m
Motor Size:	630cc
Operating Angle:	5° - 25°
Discharge Height @18°:	10.1m (33' 1")
Stockpile Capacity @18° & 37° Angle of Repose:	1900m ³ (2485 Cu.Yd)
Discharge Height @25°:	13.1m (43')
Stockpile Capacity @25° & 37° Angle of Repose:	4146m ³ (5422 Cu.Yd)



TRACKS

Shoe Width:	400mm (1' 4")
Sprocket Centre:	4000mm (13' 1")
Speed:	1.1km/h
Speed High:	1.9km/h



POWER UNIT & HYDRAULICS

Engine (Tier 3):	CAT C4.4
Power Rating:	83kW (111hp)
RPM:	1800rpm
Crankshaft Pump:	33/33cc
PTO Pump:	17cc Aux Pump

Engine (Tier 4F):	CAT C4.4
Power Rating:	82kW (110hp)
RPM:	1800rpm
Crankshaft Pump:	33/33cc
PTO Pump:	17cc Aux Pump

Engine (Stage V):	CAT C2.2
Power Rating:	55kW (73hp)
RPM:	2300rpm
Crankshaft Pump:	24/24/10cc

Diesel Tank Capacity:	220L (58 US GAL)
Hydraulic Tank Capacity:	400L (106 US GAL)

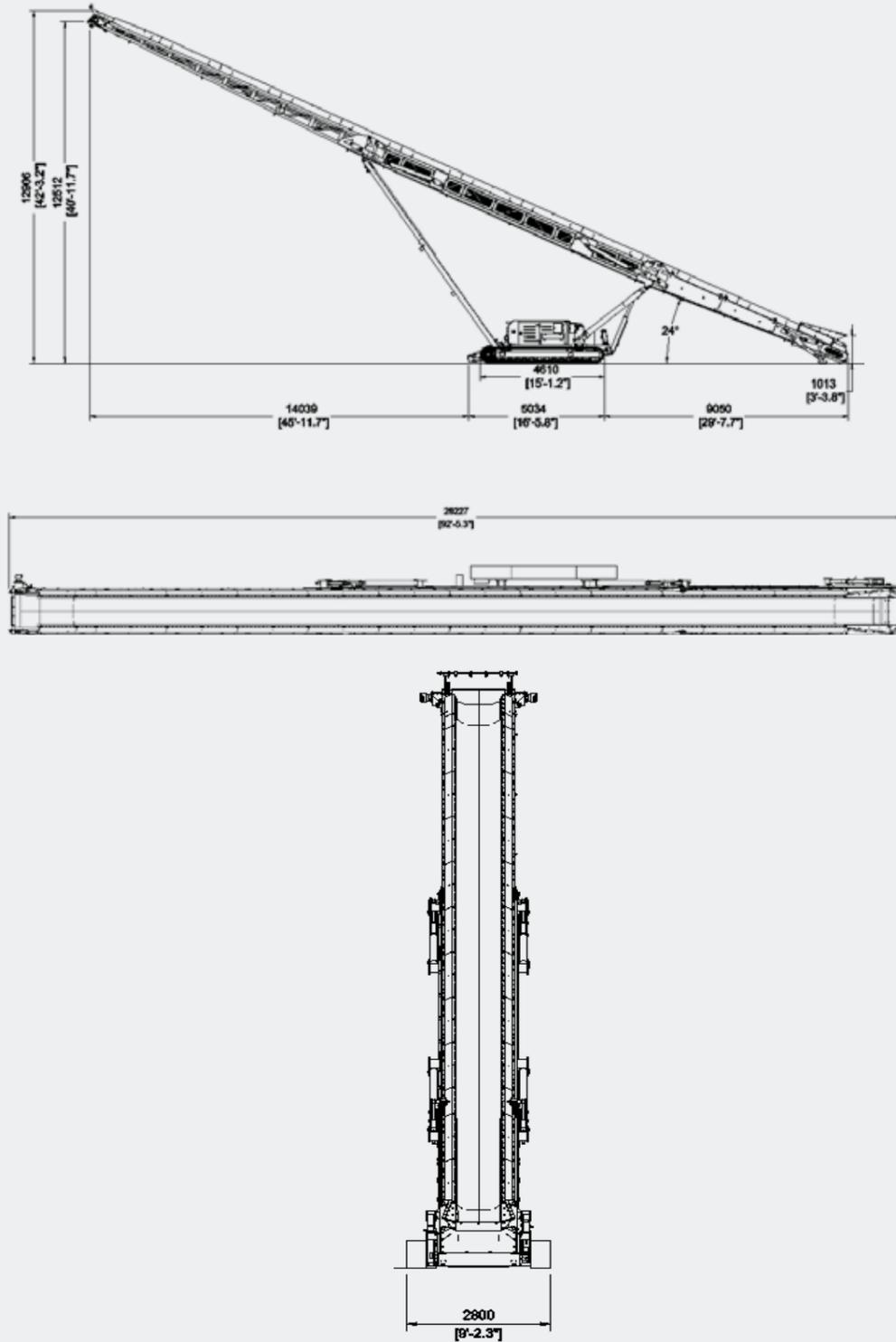
OPTIONS

- 6mm AR400 steel wear feedboot liners
- 20mm rubber wear feedboot liners
- Feedboot extension c/w steel wear liners
- Feedboot extension c/w 20mm rubber wear liners
- Feedboot extension c/w 6mm AR400 steelwear liners
- Impact rollers at feedboot area
- Anti-rollback flaps
- Twin drive motors on discharge conveyor
- Blade type / primary scraper (plain belt only)
- Conveyor fitted with chevron belt EP315/3 Ply 3 + 1.5 covers
- Conveyor fitted with heavy duty plain belt EP500 4 ply x 8+2 covers
- Conveyor under guard length of mid-section
- Conveyor head drum guarding
- Conveyor dust covers
- Conveyor water dust suppression (spray bar only)
- Conveyor full length skirting rubber
- Powerunit c/w hydraulic oil, Century 100 - (Recommended for ambient temperatures between +15 to +50°C)
- Radio remote control for tracking
- Pull cord emergency stop on either control panel or non-control panel side of machine
- Overband magnet option complete with hydraulic kit and support frames

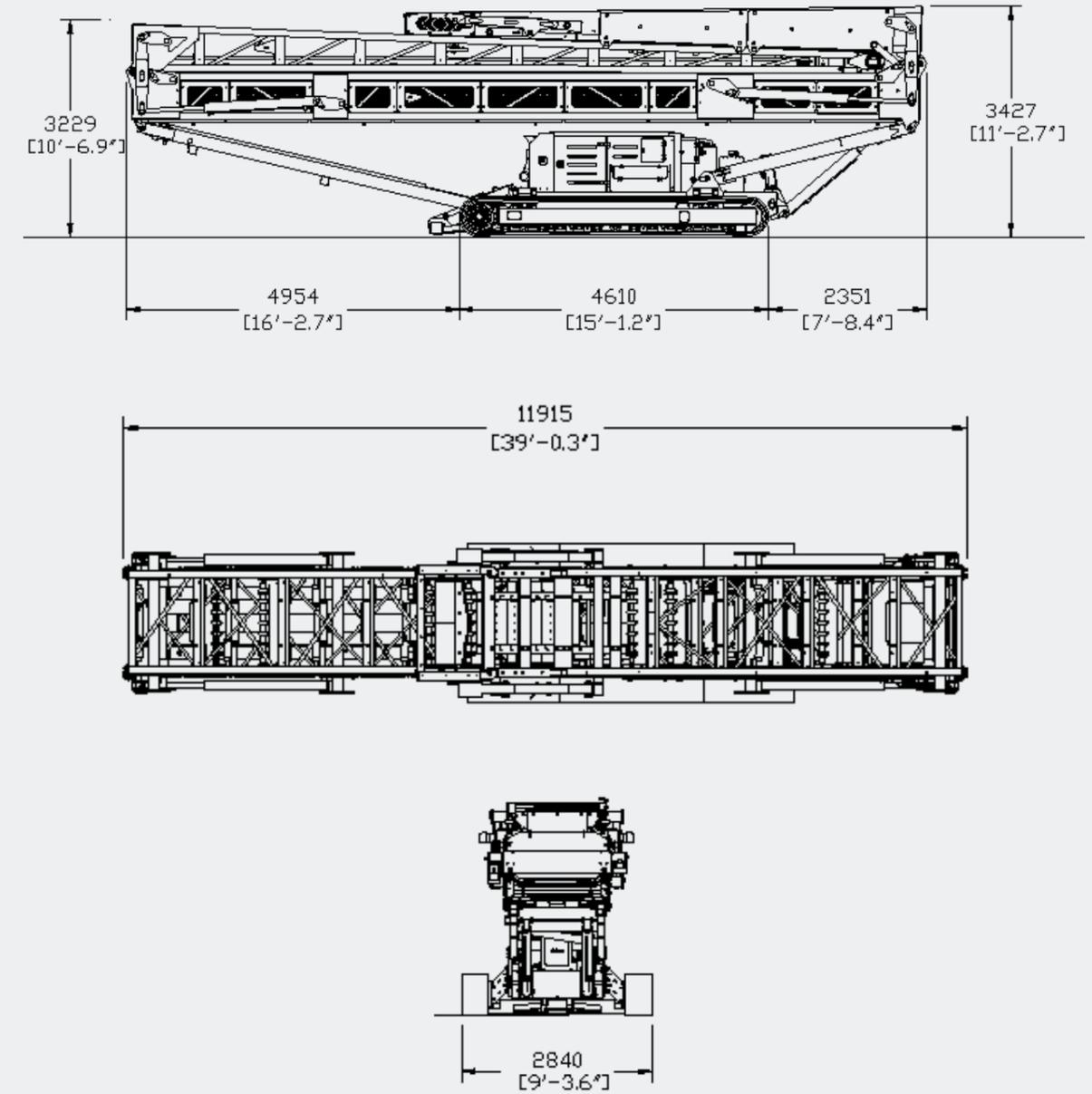


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WORKING DIMENSIONS



TRANSPORT DIMENSIONS





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