

TECHNICAL DATA SHEET



TC 100

TRACKED CONVEYOR



TC 100 TRACKED CONVEYOR

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)

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 m³ (0.8yd³)
Feed in Width:	1300mm (4' 3")
Extended Feedboot Capacity:	1.6m³ (2.1yd³)
Extended Feed in Width:	1850mm (6' 1")
Standard Min Feed Height @24°:	1013mm (3' 4")
Extended Min Feed Height @24°:	1313mm (4' 4")

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

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' 12")
Stockpile Capacity @18° & 37° Angle of Repose:	1090m3 (2485Cu.Yd)
Discharge Height @25°:	13.11m (43')
Stockpile Capacity @28° & 37° Angle of Repose:	4146m³ (5422 Cu.Yd)

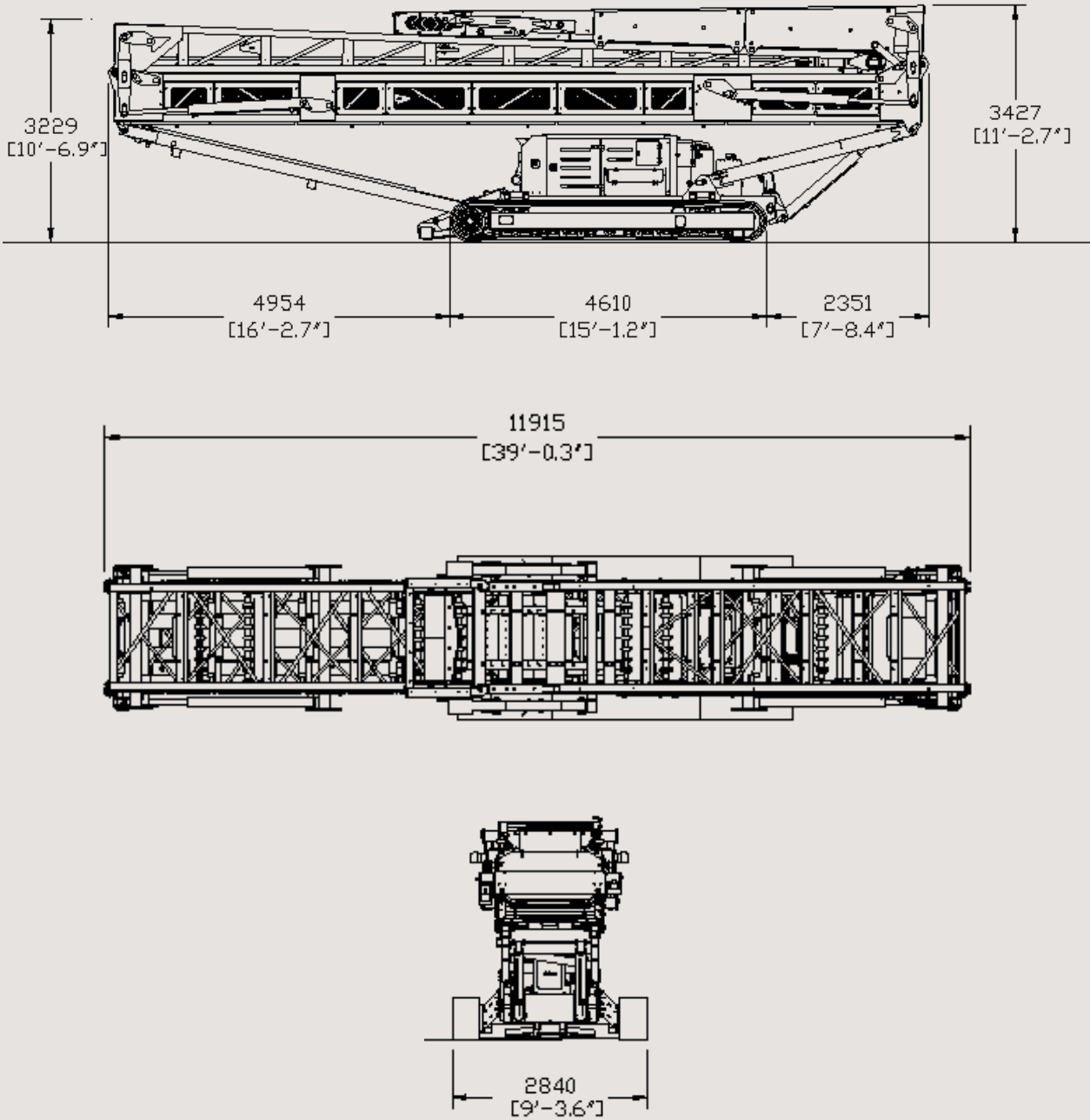
POWER UNIT & HYDRAULICS	
Engine (Tier 3):	CAT C4.4
Power Rating:	83kW (111hp)
RPM:	1800rpm
Crankshaft Pump:	33/33cc
PTO Pump:	17cc Aux Pump
Engine (Tier 4F):	CAT C4.4
Power Rating:	82kW (110hp)
RPM:	1800rpm
Crankshaft Pump:	33/33cc
PTO Pump:	17cc Aux Pump
Engine (Stage V):	CAT C2.2
Power Rating:	55kW (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 - (Recommend- ed 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

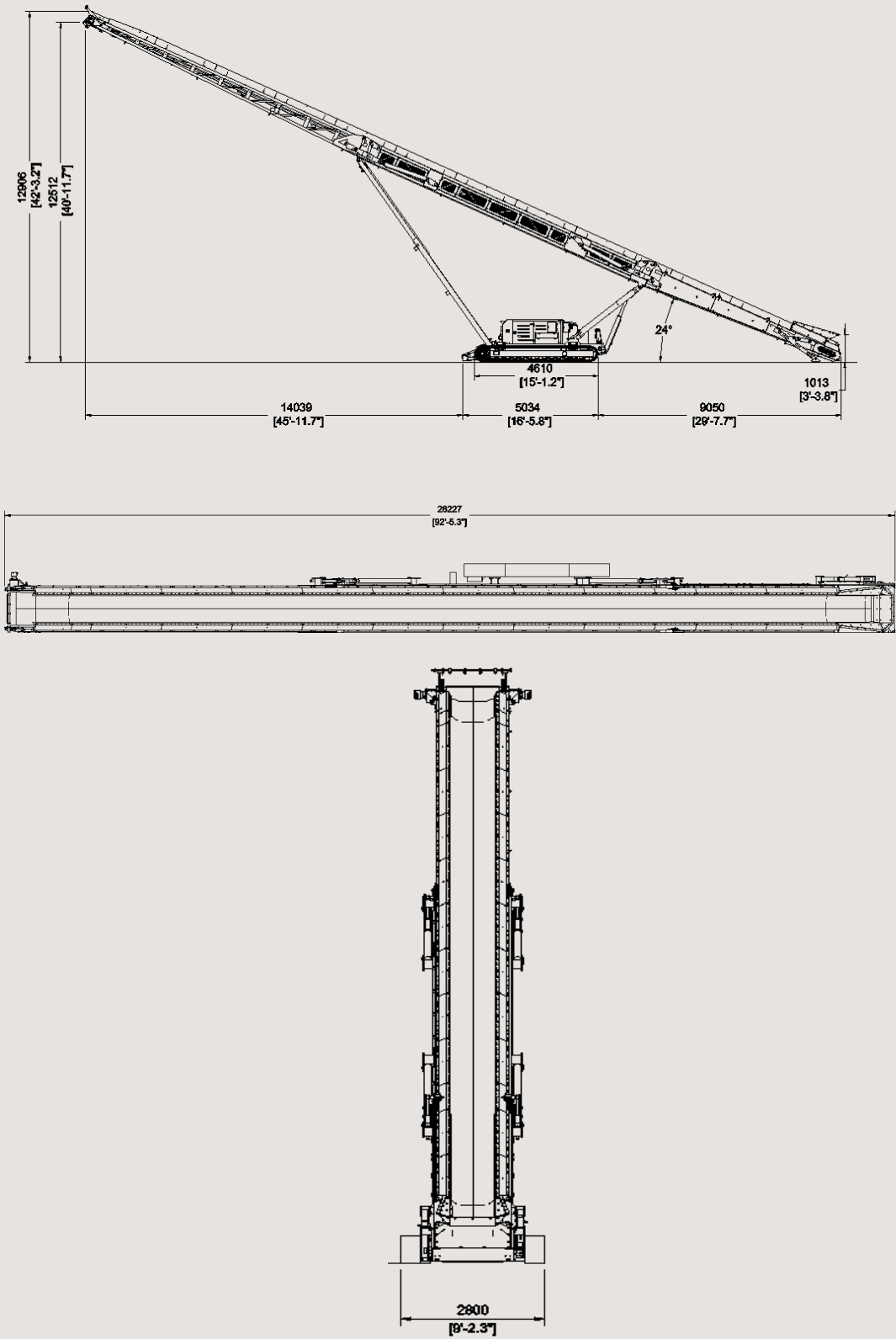


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TRANSPORT



WORKING





WARRANTY

At Marco, we stand behind the quality and craftsmanship of our products. Each Marco product comes with a comprehensive warranty designed to provide you with peace of mind. We are committed to ensuring your satisfaction with Marco products. If you have any questions or concerns regarding your warranty coverage, please don't hesitate to reach out to us.

Thank you for choosing Marco.

CONTACT US!

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