TECHNICAL
SPECIFICATION

EVOQUIP®
A TEREX BRAND



T-LINK
RECORD, DISPLAY
AND ANALYSE DATA

TC100
TRACKED CONVEYOR

TC100 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 @ 24º	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.



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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 @24º:	1013mm (3′ 4″)
Extended Min Feed Height @24º:	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:	5º - 25º
Discharge Height @18º:	10.1m (33′ 1″)
Stockpile Capacity @18º & 37º Angle of Repose:	1900m^3 (2485 Cu.Yd)
Discharge Height @25º:	13.1m (43′)
Stockpile Capacity @25º & 37º 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)

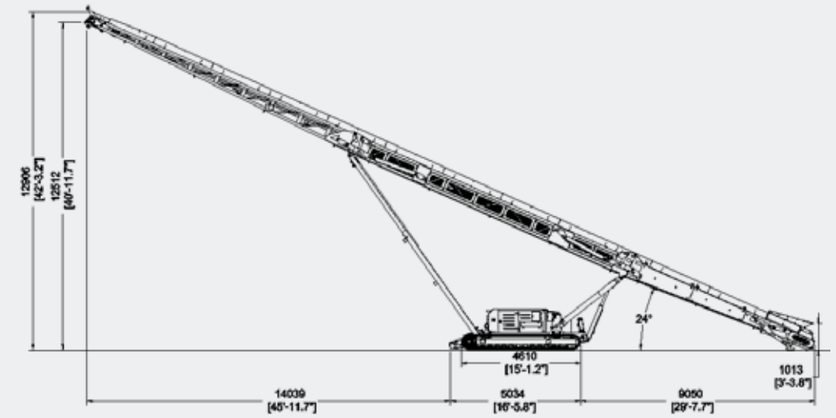


OPTIONS

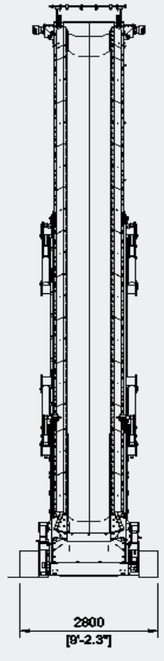
- 6mm AR400 steel wear feedboot liners
- 20mm rubber wear feedboot liners
- Feedboot extension c/w steel wear liners
- Feedboot extension c/w 20mm rubber wear liners
- Feedboot extension c/w 6mm AR400 steelwear liners
- Impact rollers at feedboot area
- Anti-rollback flaps
- Twin drive motors on discharge 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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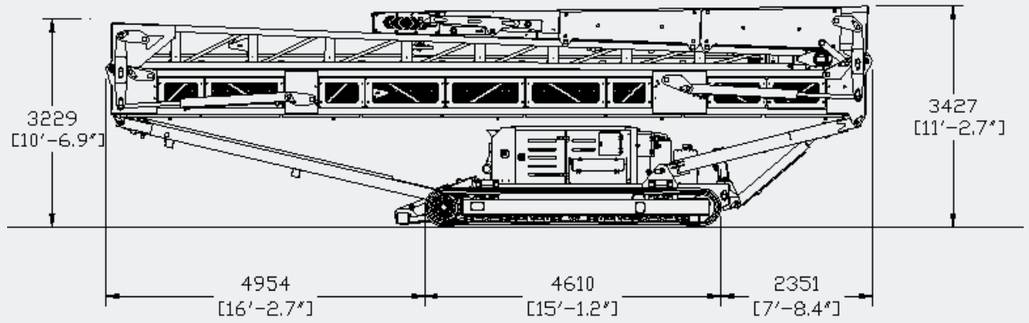
WORKING DIMENSIONS

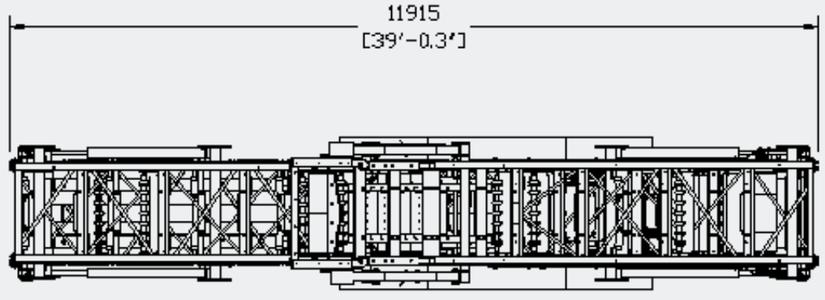


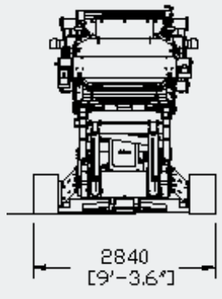




TRANSPORT DIMENSIONS









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