

**TECHNICAL
SPECIFICATION**



A TEREX BRAND

TC80 ORGANICS TRACKED CONVEYOR



**RECORD, DISPLAY
AND ANALYSE DATA**



WWW.TEREX.COM/CBI

TC80 ORGANICS

ELECTRIC OPTION AVAILABLE 

DIMENSIONS

Transport	Length	12.4 M (40'-8.6")
	Width	2.565 M (8'-5")
	Height	3.96 M (13'-0")
Working @24°	Length (Overall)	22.6 M (74'-2")
	Width	3.83 M (12'-7")
	Height (Top of Drum)	3.96 M (13'-0")
Total Weight (STD) (kg)	13,000	
Maximum Tonnage	600 TPH (DEPENDENT ON MATERIAL AND BULK DENSITY)	
Maximum Feed Size	150 MM (DEPENDENT ON MATERIAL AND BULK DENSITY)	

FEEDBOOT

Standard Capacity	8.65 M ³ (11.31 YD ³)
Extended Capacity	8.65 M ³ (11.31 YD ³)
Standard Feed In Width	3.7 M (12'-2")
Extended Feed In Width	3.7 M (12'-2")
Standard Minimum Feed In Height @24°	2.55 M (8'-4")
Extended Minimum Feed In Height @24°	2.55 M (8'-4")
Auger Speed	110RPM
Auger Control	Flow control and directional

CONVEYORS

Width	1200MM (48")
Belt Centres	22.69 M (74'-5")
Belt Type (Plain/Chevron)	CHEVRON
Belt Spec	EP400/3PLY 3+1.5 OR EQUIVALENT
Drive Drum Diameter	376 MM (14.8")
Tail Drum Diameter	275 MM (11")
Max Belt Speed of Conveyor	2.72 M/SEC
Motor Size & type	TWIN OMV 400CC
Operating Angle	0-24°
Variable Speed (Y/N)	YES

Discharge Height @ 10°	5.74 M (18'-10")
Stockpile Capacity @ 10° & 37° Angle of Repose	348.8 M ³ (456 YD ³)
Discharge Height @ 12°	6.37 M (20'-11")
Stockpile Capacity @ 12° & 37° Angle of Repose	476.7 M ³ (623.5 YD ³)
Discharge Height @ 14°	7 M (23'-0")
Stockpile Capacity @ 14° & 37° Angle of Repose	632.5 M ³ (827.3 YD ³)
Discharge Height @ 16°	7.6 M (24'-11")
Stockpile Capacity @ 16° & 37° Angle of Repose	810 M ³ (1059 YD ³)
Discharge Height @ 18°	8.22 M (27'-0")
Stockpile Capacity @ 18° & 37° Angle of Repose	1024 M ³ (1340 YD ³)
Discharge Height @ 20°	8.82 M (28'-11")
Stockpile Capacity @ 20° & 37° Angle of Repose	1265 M ³ (1655 YD ³)
Discharge Height @ 22°	9.42 M (30'-11")
Stockpile Capacity @ 22° & 37° Angle of Repose	1541.5 M ³ (2016 YD ³)
Discharge Height @ 24°	10 M (32'-10")
Stockpile Capacity @ 24° & 37° Angle of Repose	1844 M ³ (2412 YD ³)



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MAIN CONVEYOR

- Heavy duty head and tail drums.
- Varied angle roller sets.
- Impact bars on tail section.
- Hydraulic folding head section.
- Full Side Skirting.

POWER UNIT & HYDRAULICS

T3 Engine

Engine Type and Power Rating	CAT 4.4 LRC - 74KW
RPM	2400 RPM MAX
Crankshaft Pump	51cc - 20cc Tandem
PTO Pump	None

T4F Engine

Engine Type and Power Rating	CAT 2.8 TIER 4 STAGE V - 55KW
RPM	2400 RPM MAX
Crankshaft Pump	51cc - 20cc Tandem
PTO Pump	None

Stage V Engine

Engine Type and Power Rating	CAT 2.8 TIER 4 STAGE V - 55KW
RPM	2400 RPM MAX
Crankshaft Pump	51cc - 20cc Tandem
PTO Pump	None

Tank Capacities

Diesel Tank Capacity	232 LT (61 US GALLON)
Hydraulic Tank Capacity	425 LT (112 US GALLON)



OPTIONS

- Dual Power (Electric/Hydraulic/Diesel/Hydraulic)
- Heavy Duty 4 Ply Belt
- Chevron Belt C25
- Feedboot liners
- Cordless Remote Control Tracks

- Under Guarding Covers
- Basket guards
- Manual Jacking Leg System
- Anti Roll Back Flaps

TRACKS

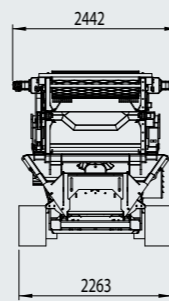
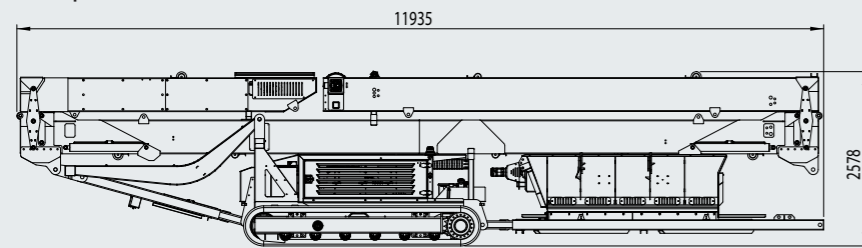
Shoe Width (mm)	400
Sprocket Centre (mm)	2909
Speed (KM/H) (Low)	1.5
Speed (KM/H) (High) / Or Single Speed	2.7

TC80 ORGANICS

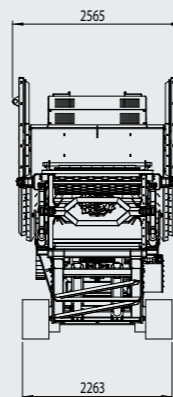
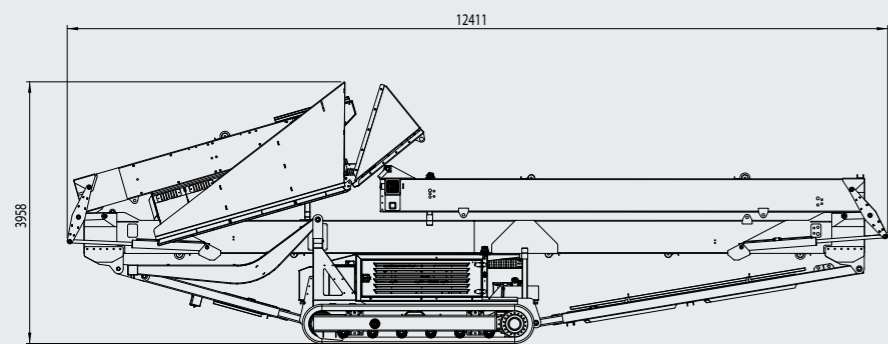
ELECTRIC OPTION AVAILABLE 

TRANSPORT

Transport Container

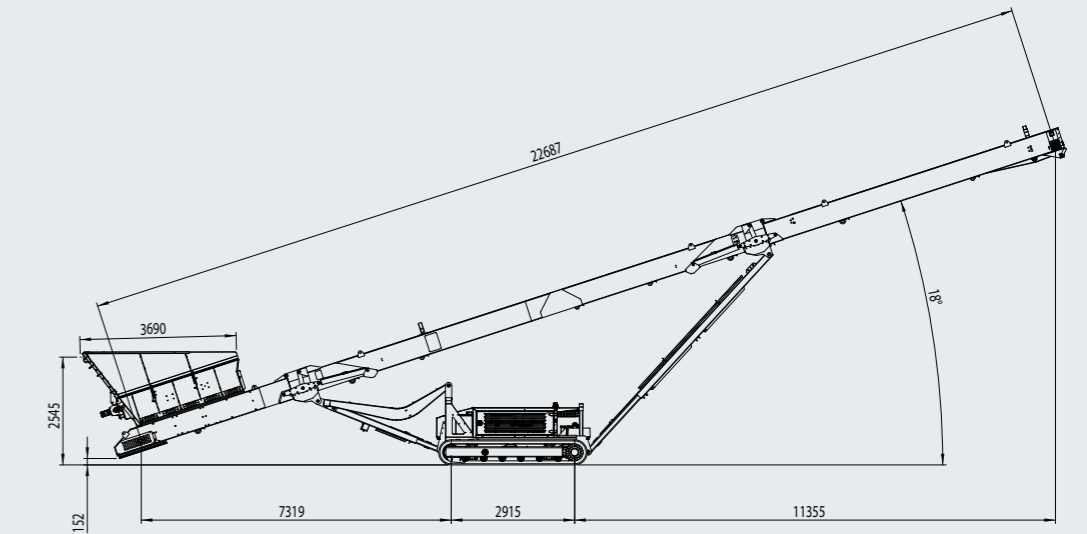
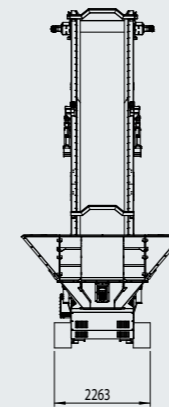
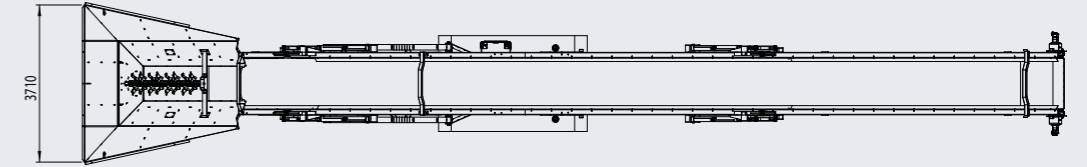


Transport Road

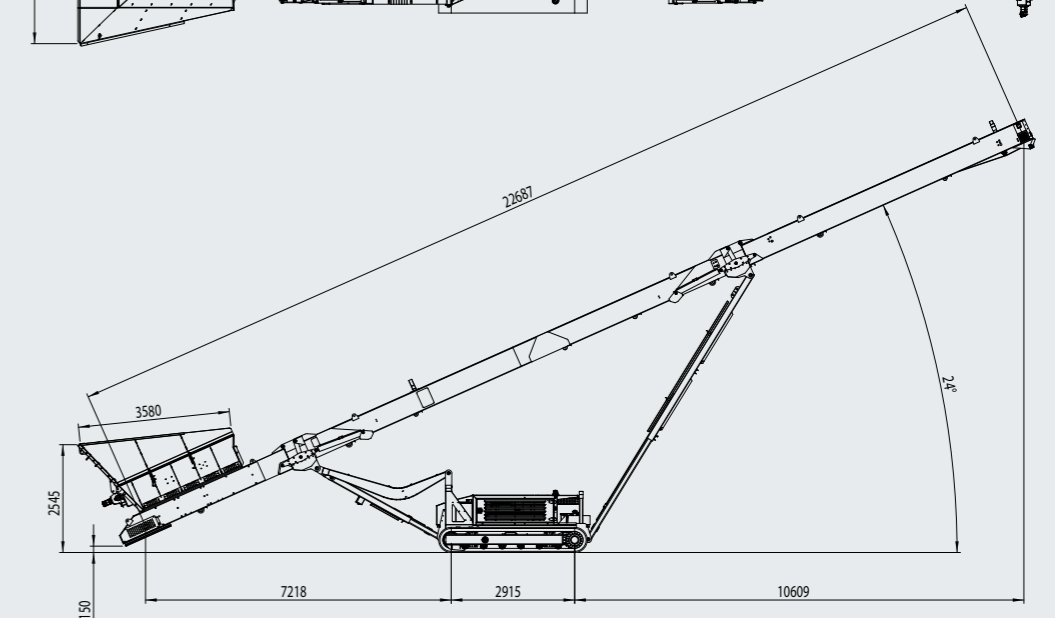
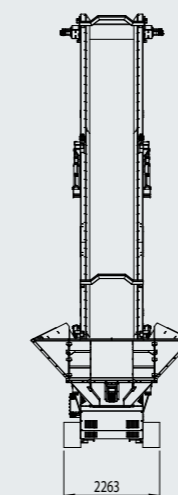
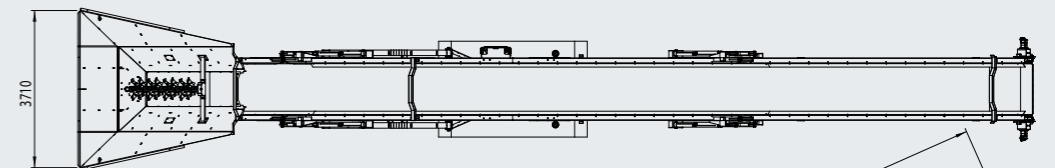


WORKING

Working 18°

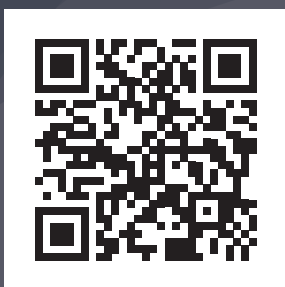


Working 24°





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