

**TECHNICAL
SPECIFICATION**



A TEREX BRAND

TC50 TRACKED CONVEYOR



**RECORD, DISPLAY
AND ANALYSE DATA**



WWW.TEREX.COM/CBI

TC50 TRACKED CONVEYOR



DIMENSIONS

Transport	Length	11.87 M (38'-11")
	Width	2.24 M (7'-4")
	Height	2.69 M (8'-10")
Working @24°	Length (Overall)	14.96 M (49'-1")
	Width	2.24 M (7'-4")
	Height (Top of Drum)	6.93 M (22'-9")
Total Weight (STD) (kg)		8,000
Maximum Tonnage		400-500 TPH (DEPENDENT ON MATERIAL AND BULK DENSITY)
Maximum Feed Size		150 MM (DEPENDENT ON MATERIAL AND BULK DENSITY)

GENERAL

Full dog lead remote control
Galvanised legs
Check valve built into legs
2.5m heavy duty crawler track 400mm pads
Optional engines



FEEDBOOT

Standard Capacity	1.3 M³ (1.7 YD³)
Extended Capacity	2.6 M³ (3.4 YD³)
Standard Feed In Width	1.73 M (5'-8")
Extended Feed In Width	1.73 M (5'-8")
Standard Minimum Feed In Height @24°	1.28 M (4'-2")
Extended Minimum Feed In Height @24°	1.28 M (4'-2")

CONVEYORS

Width	900 MM (36")
Belt Centres	15.24 M (50')
Belt Type (Plain/Chevron)	PLAIN (CHEVRON OPTIONS)
Belt Spec	EP 300 3PLY
Drive Drum Diameter	344 MM (14")
Tail Drum Diameter	275 MM (11")
Max Belt Speed of Conveyor	3 M/SEC
Motor Size & type	500CC
Operating Angle	0-24°
Variable Speed (Y/N)	YES

Discharge Height @ 10°	4.17 M (13'-8")
Stockpile Capacity @ 10° & 37° Angle of Repose	133.7 M³ (175 YD³)
Discharge Height @ 12°	4.58 M (15'-0")
Stockpile Capacity @ 12° & 37° Angle of Repose	177.2 M³ (231.8 YD³)
Discharge Height @ 14°	4.99 M (16'-5")
Stockpile Capacity @ 14° & 37° Angle of Repose	229 M³ (300 YD³)
Discharge Height @ 16°	5.39 M (17'-8")
Stockpile Capacity @ 16° & 37° Angle of Repose	288.8 M³ (377.7 YD³)
Discharge Height @ 18°	5.79 M (19'-0")
Stockpile Capacity @ 18° & 37° Angle of Repose	358 M³ (468 YD³)
Discharge Height @ 20°	6.19 M (20'-4")
Stockpile Capacity @ 20° & 37° Angle of Repose	437.4 M³ (572 YD³)
Discharge Height @ 22°	6.58 M (21'-7")
Stockpile Capacity @ 22° & 37° Angle of Repose	525.4 M³ (687.2 YD³)
Discharge Height @ 24°	6.93 M (22'-9")
Stockpile Capacity @ 24° & 37° Angle of Repose	613.8 M³ (802.8 YD³)



TC50 TRACKED CONVEYOR



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 2.2 37KW
RPM	2800 RPM MAX
Crankshaft Pump	33cc
PTO Pump	None

T4F Engine

Engine Type and Power Rating	CAT 1.7 37KW Dual Cert
RPM	2800 RPM MAX
Crankshaft Pump	33cc
PTO Pump	None

Stage V Engine

Engine Type and Power Rating	CAT 1.7 37KW Dual Cert
RPM	2800 RPM MAX
Crankshaft Pump	33cc
PTO Pump	None

Tank Capacities

Diesel Tank Capacity	228 LT (60 US GALLON)
Hydraulic Tank Capacity	290 LT (77 US GALLON)



TRACKS

Shoe Width (mm)	400
Sprocket Centre (mm)	2490
Speed (KM/H) (Low)	1.6
Speed (KM/H) (High) / Or Single Speed	2.8



OPTIONS

Electric drive
Dual Power (Electric/Hydraulic/Diesel/Hydraulic)
Heavy Duty 4 Ply Belt
Chevron Belt C15
Chevron Belt C25

Front extensions for feed boot
Rubber Lined Extended Feedboot 10mm
Rubber Lined Extended Feedboot 35mm
Hardox Lined Extended Feedboot 6mm

Cordless Remote Control Tracks
Under Guarding Cover (up to 8ft)
Basket guards
Manual Jacking Leg System
Anti Roll Back Flaps (3 off)

CAT 2.8 55KW Dual Cert

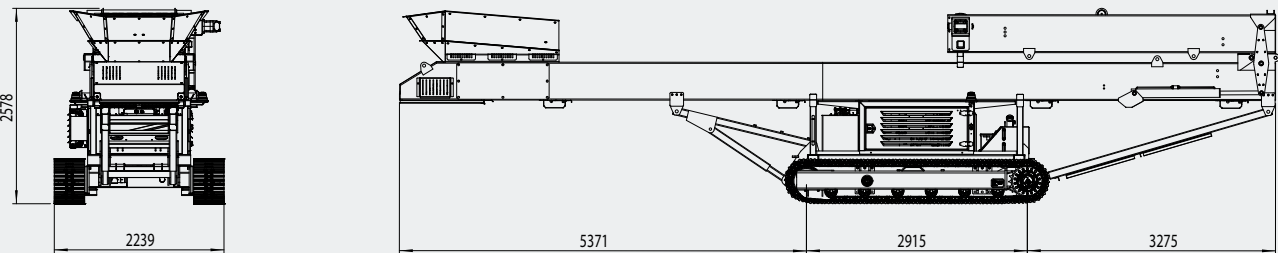
Twin drive - 2 off OMV 400 motors - needs to have a larger engine

TC50 TRACKED CONVEYOR

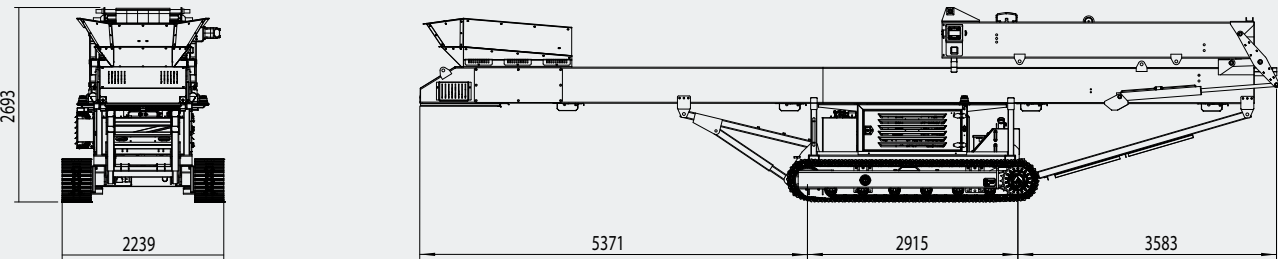


TRANSPORT

Transport Container

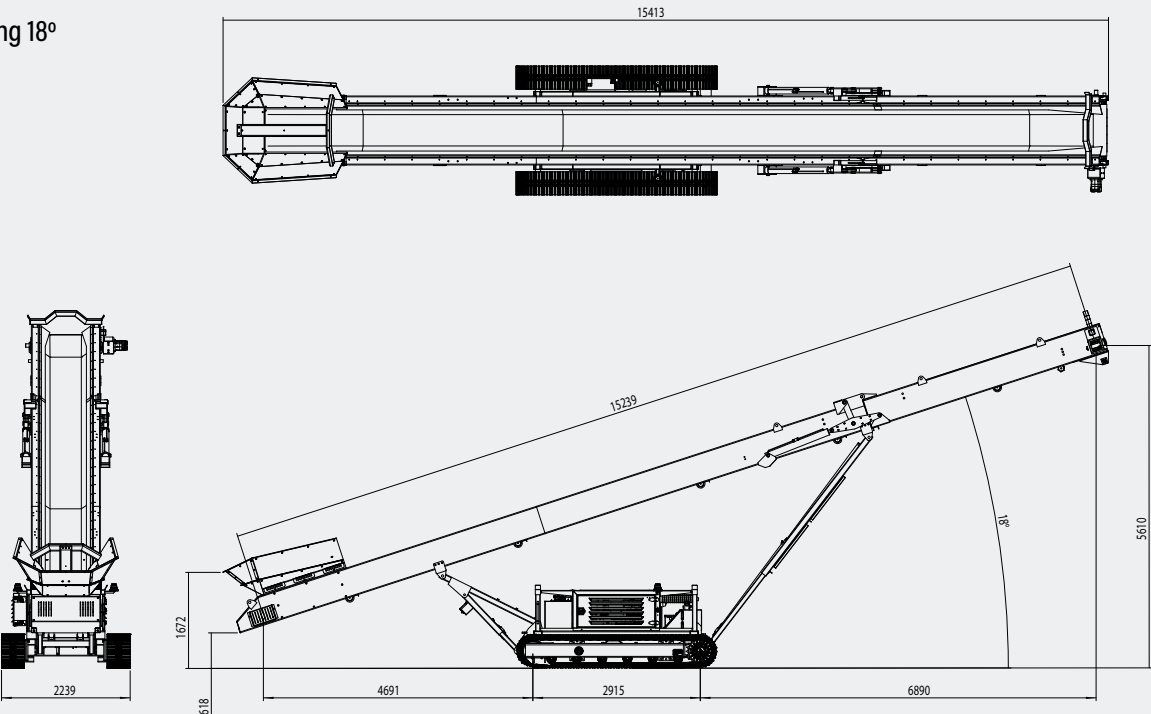


Transport Road

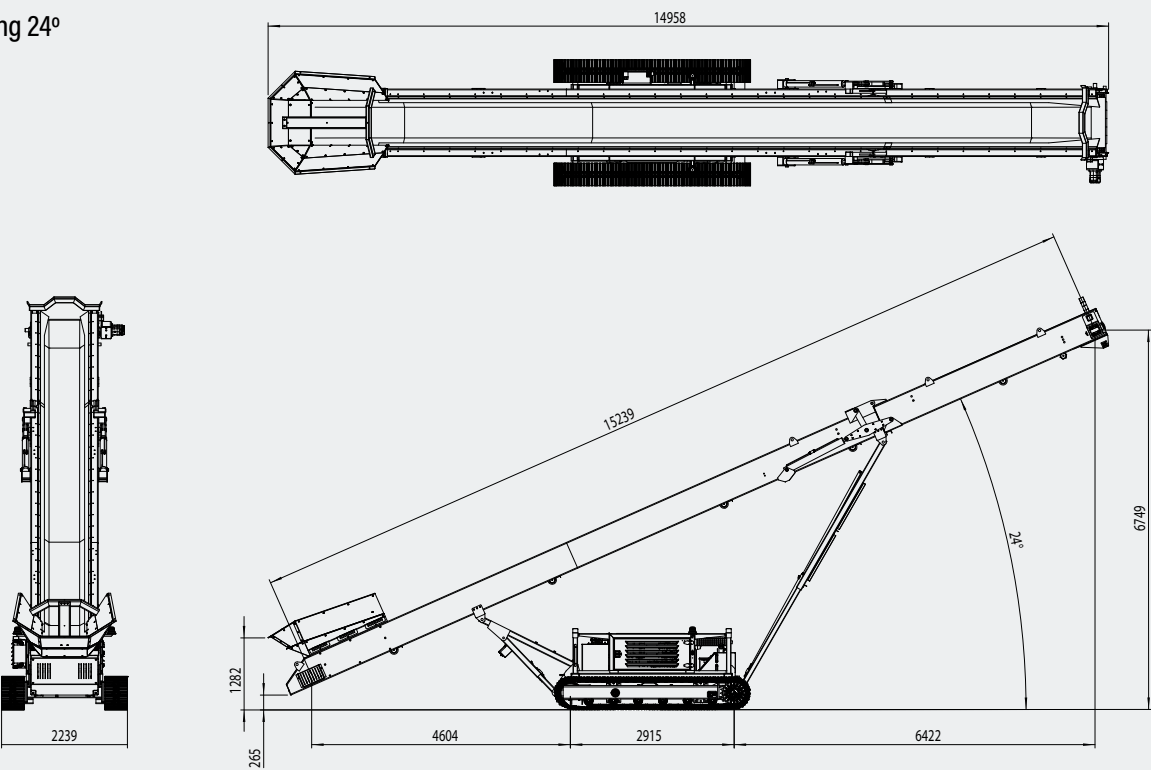


WORKING

Working 18°



Working 24°





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