



MT18



TRACKED CONVEYOR

**TECHNICAL
SPECIFICATION**

MT18 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)	17.68 M (58')
	Width	2.24 M (7'-4")
	Height (Top of Drum)	8.16 M (26'-9")
Total Weight (STD) (kg)		9,000
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
- 2.9 M Heavy duty crawler track
- Optional engines



FEEDBOOT

Standard Capacity	1.3 M ³ (1.7 YD ³)
Extended Capacity	2.6 M ³ (3.4 YD ³)
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	18.3 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°	4.68 M (15'-4")
Stockpile Capacity @ 10° & 37° Angle of Repose	189.7 M ³ (247 YD ³)
Discharge Height @ 12°	5.2 M (17'-0")
Stockpile Capacity @ 12° & 37° Angle of Repose	260 M ³ (340 YD ³)
Discharge Height @ 14°	5.7 M (18'-8")
Stockpile Capacity @ 14° & 37° Angle of Repose	341.5 M ³ (447 YD ³)
Discharge Height @ 16°	6.2 M (20'-4")
Stockpile Capacity @ 16° & 37° Angle of Repose	440 M ³ (575 YD ³)
Discharge Height @ 18°	6.7 M (21'-11")
Stockpile Capacity @ 18° & 37° Angle of Repose	555 M ³ (726 YD ³)
Discharge Height @ 20°	7.2 M (23'-7")
Stockpile Capacity @ 20° & 37° Angle of Repose	688 M ³ (900 YD ³)
Discharge Height @ 22°	7.68 M (25'-2")
Stockpile Capacity @ 22° & 37° Angle of Repose	835 M ³ (1093 YD ³)
Discharge Height @ 24°	8.16 M (26'-9")
Stockpile Capacity @ 24° & 37° Angle of Repose	1002 M ³ (1311 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 2.2 37KW
RPM	2800 RPM MAX
Crankshaft Pump	33cc
PTO Pump	None

T4F Engine

Engine Type and Power Rating	CAT 1.7 TIER 4 STAGE V - 37KW
RPM	2800 RPM MAX
Crankshaft Pump	33cc
PTO Pump	None

Stage V Engine

Engine Type and Power Rating	CAT 1.7 TIER 4 STAGE V - 37KW
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)	2909
Speed (KM/H) (Low)	1.5
Speed (KM/H) (High) / Or Single Speed	2.7

OPTIONS

- 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 1.7 STAGE V 37KW
- CAT 2.8 STAGE V 55KW pumps upgraded and motors

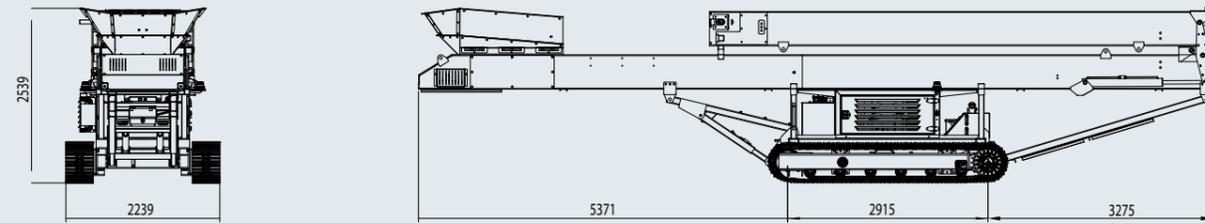
- Twin drive - 2 off OMV 400 motors - needs to have a larger engine

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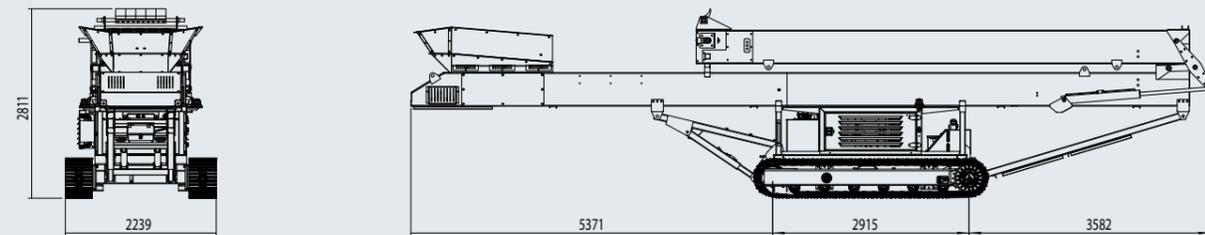


TRANSPORT

Transport Container

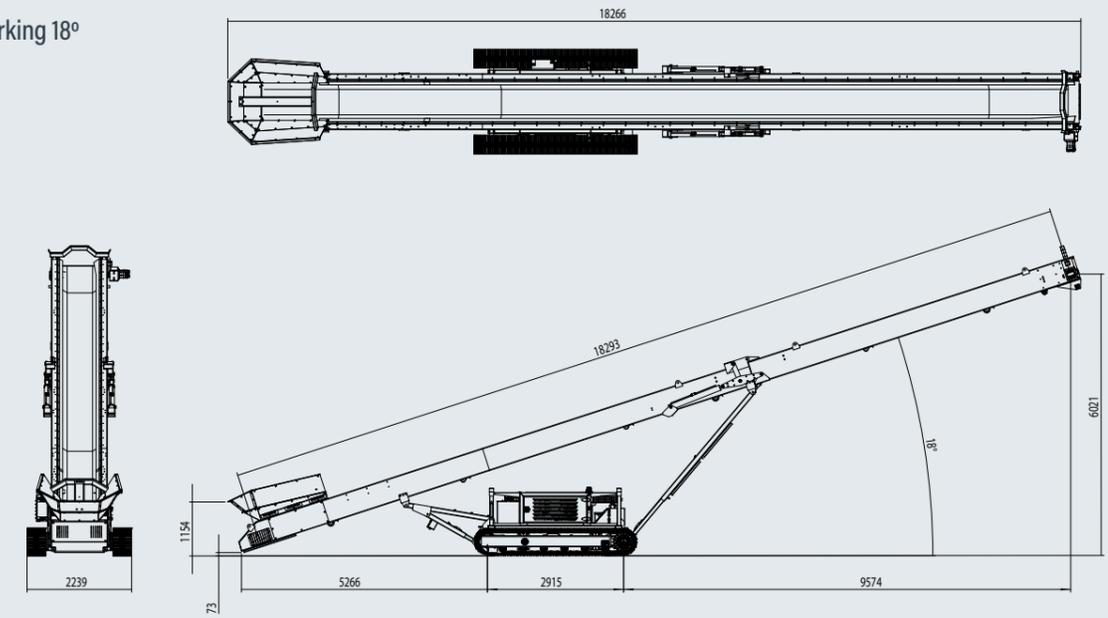


Transport Road

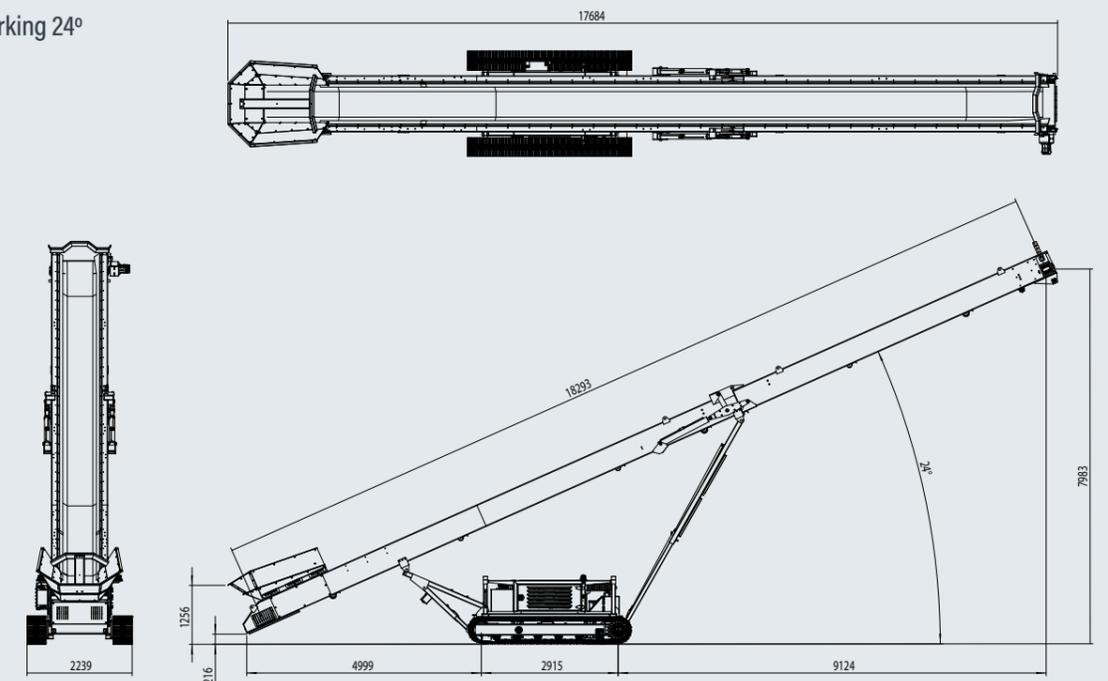


WORKING

Working 18°



Working 24°





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