MAGNA®
A TEREX BRAND

TECHNICAL
SPECIFICATION

MC140
TELESCOPIC CONVEYOR



OVERVIEW

Total weight: 27,000kg (59,525lbs)
(Containerised for ease of transport)

Working:

Drum Minimum Length (Retracted): 27.2m (89′ 5″)

Working Width (Wheels in radial position): 6.8m (22′ 3″)

Minimum Height: 4.2m (13′ 9″)

Minimum working angle: 6°

Drum Maximum Length (Extended): 42.45m (139′ 3″)

Maximum Height: 14.4m (47′2″)

Maximum working angle: 18°

Maximum Tonnage: Up to 800 tph

Maximum Feed Size: 100mm (4″)





FEATURES

- Automated Stockpile Patterns - Radial windrow, Inline Windrow, Radial Conical, Inline Conical
- Feedboot sealed with slider pads as standard for better feedboot sealing
- Outer conveyor full length underguards and side guards for safety
- Hydraulic Kingpin to Conveyor Turntable for quick set-up
- Hydraulic jacking legs to raise for transport with deployment engine
- Heavy duty belt tensioner
- Winch with encoder to control position of inner conveyor
- Hydraulic Discharge Height Adjustment
- Twin radial wheel drive



OVERVIEW

Feedboot Dead box (Standard)

Standard Capacity: 1.1m³ (1.4yd³)
Feed In width: 1.63m (5′ 4″)



Impact base and side rollers

Twin Motors with Helical gearbox on inner and outer conveyors

Hydraulic raise/lower powered by 11kw Electric motor

Gull Wing radial axle c/w single radial wheel drive

Pit Chassis - Single axle c/w jacking rams and towing eye

Stockpile Capacity @ 18°@ 270°Radial: 55,750m³ (72,920 Cu.Yd)

OVERVIEW

INNER CONVEYOR

Width:	900mm (36″)
Belt Centres:	18.8m (61′ 8″)
Belt Type:	Plain
Belt Spec:	EP400 3 4+2
Drive Drum Diameter:	420mm (16.5″)
Tail Drum Diameter:	400mm (15.7″)

OUTER CONVEYOR

Width:	900mm (36″)
Belt Centres:	25.3m (83′)
Belt Type:	Plain
Belt Spec:	EP400 3 4+2
Drive Drum Diameter:	425mm (16.7″)
Tail Drum Diameter:	400mm (15.7″)
Operating Angle:	6 - 18°



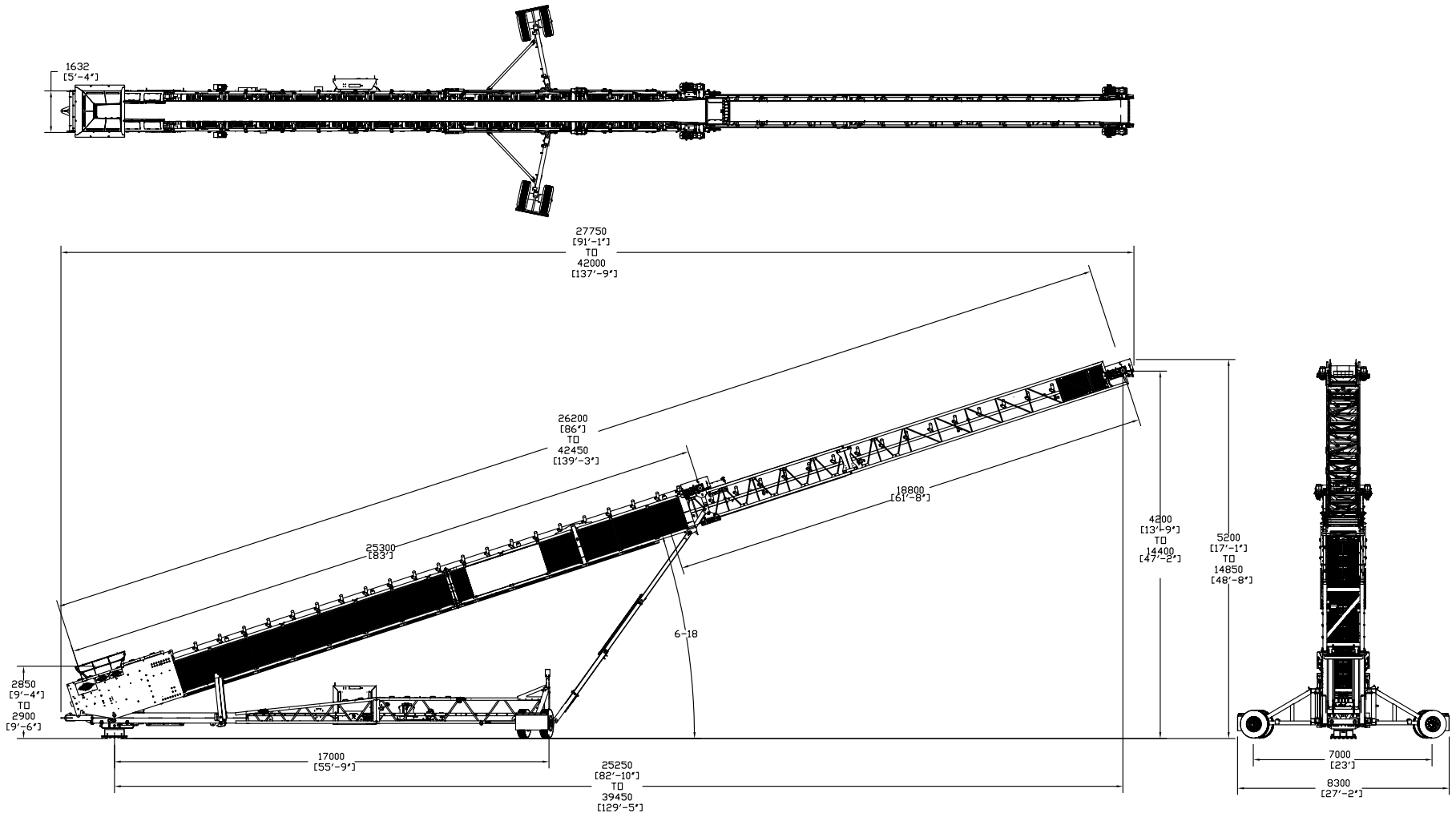
OPTIONS

- Pull Cord Emergency Stop
- 6mm Mild Steel feedboot liners
- 6mm AR400 feeboot liners
- 12mm AR400 feedboot liners
- 20mm Rubber feedboot liners
- Upgrade to - Twin Motors with Helical Gearbox on Inner & Outer conveyor capable of up to 600TP
- Upgrade to - Twin Motors with Helical Gearbox on Inner & Outer conveyor capable of up to 800TPH
- Feedboot Extensions (Option on 400TPH, Must be selected if 600TPH/800TPH required)
- Large Hopper (Optional on 400TPH and 600TPH, Must be selected if 800TPH required)
- Conveyor Fitted with Chevron Belt EP315/3 Ply x 3+1.5 x 8+2 Covers
- Conveyor Fitted with Heavy Duty Plain Belt EP500/3 Ply Covers
- Working lights
- Low level grease points for inner conveyor and outer conveyor
- Belt Weigher
- Twin Radial Drive for high resistance drive application
- Towing Eye
- Lorry Mount kit, C/W King-pin, Jacking legs and 5.5HP Deployment Engine.
- Road Transportable - C/W ABS Braking tandem axle and Drop down axles



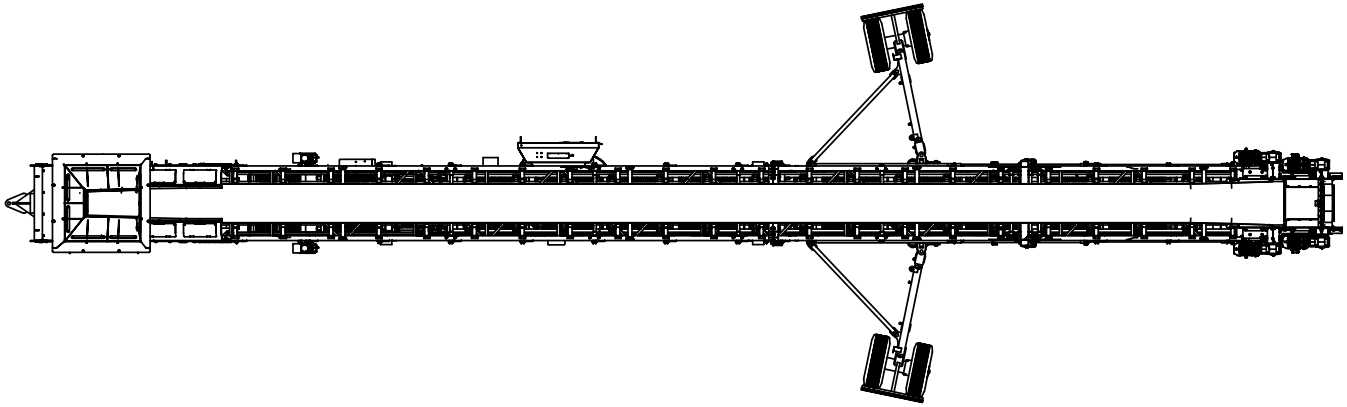
DIMENSIONS

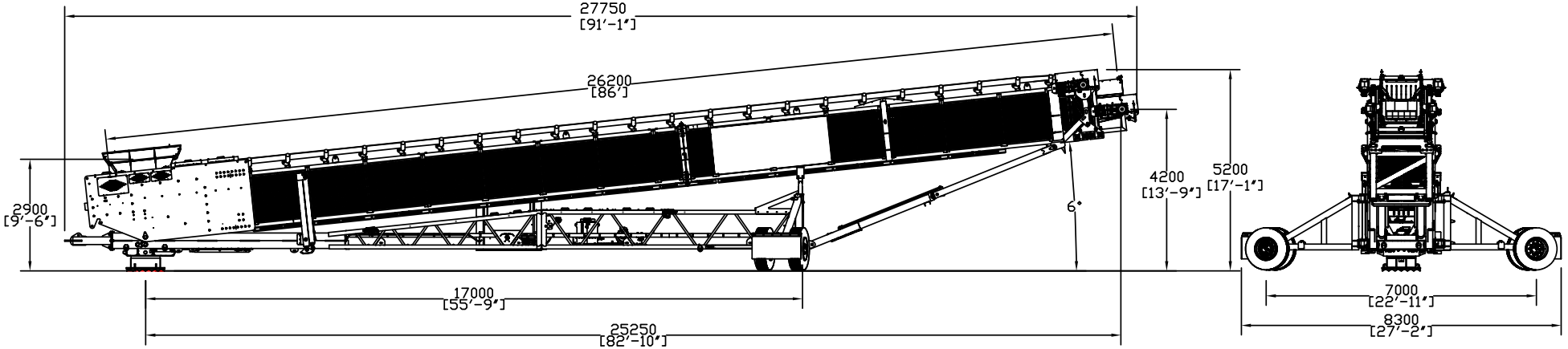
WORKING FULLY EXTENDED



DIMENSIONS

WORKING FULLY RETRACTED



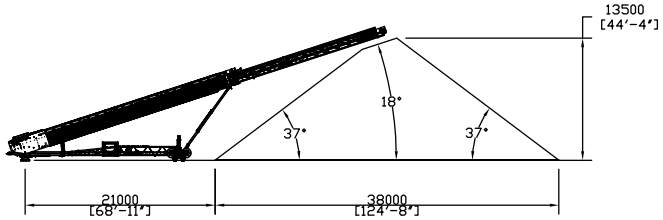


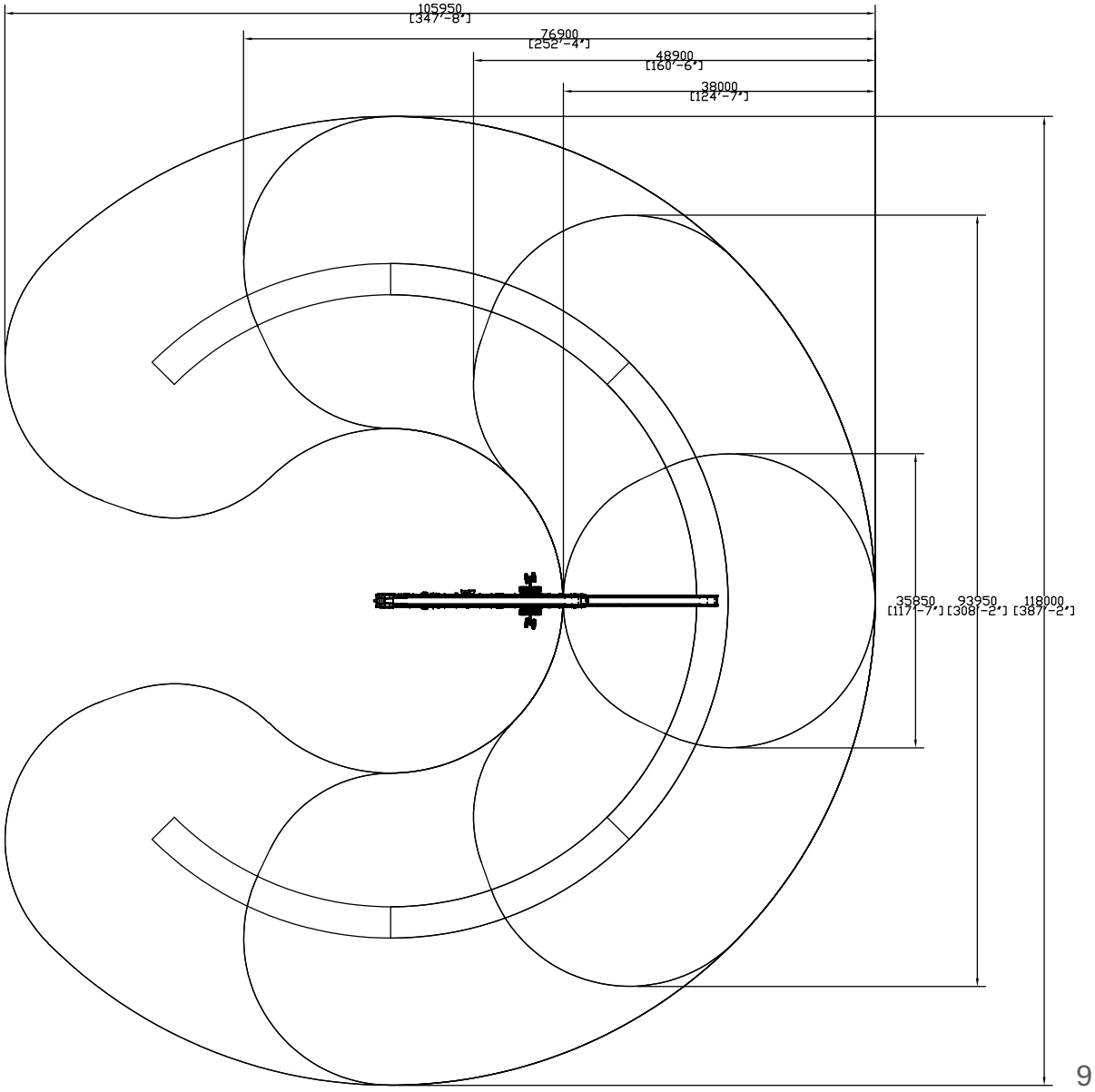
DIMENSIONS

STOCKPILE DIMENSIONS

APPROX. STOCKPILE CAPACITY
MATERIAL DENSITY: 1600kg/m3

RADIAL DEG	VOLUME (m3)	VOLUME (yrds3)	MASS (Tonnes)	MASS (Ton)
0	4890	6400	7820	8620
30	10540	13790	16860	18580
60	16190	21180	25900	28550
90	21840	28570	34940	38510
120	27490	35960	43980	48480
150	33140	43340	53020	58440
180	38800	50750	62080	68430
270	55750	72920	89200	98330







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