MAGNA™
A TEREX BRAND

TECHNICAL
SPECIFICATION

MC150
TELESCOPIC CONVEYOR



OVERVIEW

Total Weight (Working) 29,500kg (64,310lbs)
Total Weight (Transport) 19,760kg (43,560lbs)

Working:

Minimum Height: 4.1m (13′ 6″)

Minimum working angle: 7°

Maximum Height: 14.9m (48′ 10″)

Maximum working angle: 18°

Maximum Tonnage: 800 - 1,000 tph

Maximum Feed Size: 100mm (4″)





FEATURES

- Road Transportable - Machine fully assembled in USA
- Emergency Stops x5
- Twin Radial Wheel Drive
- Underguard Length Of Outer Section
- Outer Conveyor side guards
- Truck mount Kit - Includes 5.5HP deployment engine,
- Hydraulic jacking legs, Hyd kingpin swivel
- Hydraulic raise /lower radial powered by 11kw Electric motor
- Remote head drum greasing lines
- Hydraulic Winch for telescopic action
- Hydraulic Tank Capacity: 265 L



OVERVIEW

Drum Minimum Length (Retracted): 26.55m (87′ 1″)

Drum Maximum Length (Extended): 45.6m (149′ 8″)

Inner and Outer Conveyor
Belt Width: 900mm (36″)

Stockpile Capacity

Discharge Height @ 18°@ 270°

Radial: 78,517m³ (102,696yd³)

Max Working Angle: 18°

Min Working Angle: 7°

Taper Feedboot

Standard Capacity: 1.1m³ (1.4 Cu. Yd.)

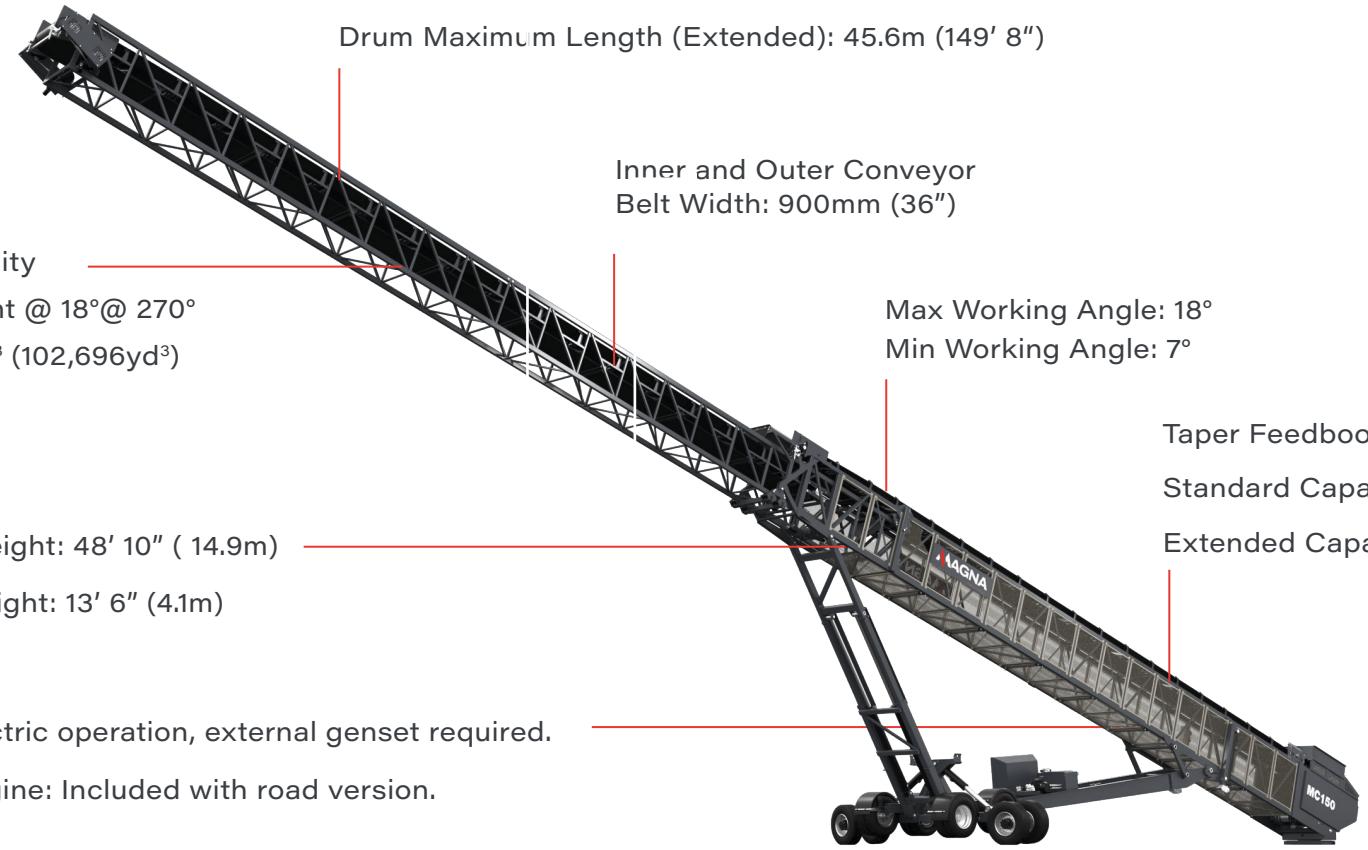
Extended Capacity: 2.1m³ (2.75 Cu. Yd.)

Max Working Height: 48′ 10″ (14.9m)

Min Working Height: 13′ 6″ (4.1m)

Power Unit: Electric operation, external genset required.

Deployment Engine: Included with road version.



Working Width

Road Chassis: 6.8m (22′ 3″)

Pit Chassis: 8.3m (27′ 2″)

Road Transport: 3.72m (12′ 3″)

Radial: 7.25m (23′ 9″)

OVERVIEW

INNER CONVEYOR

Width:	900mm (36″)
Belt Centres:	24.25m (79′ 6″)
Belt Type:	Plain
Belt Spec:	220 PIW 2-PLY 3/16″ X 1/16″
Drive Drum Diameter:	427mm (16″)
Tail Drum Diameter:	356mm (14″)
***Max Belt Speed of Conveyor:**	8.5ft/sec (2.6m/sec)
Motor, Size & Type:	2 x 11KW

OUTER CONVEYOR

Width:	900mm (36″)
Belt Centres:	26.55m (87′ 1″)
Belt Type:	Plain
Belt Spec:	220 PIW 2-PLY 3/16″ X 1/16″
Drive Drum Diameter:	427mm (16″)
Tail Drum Diameter:	356mm (14″)
***Max Belt Speed of Conveyor:**	2.1m/sec (6.8ft/sec)
Motor Size & type:	1 x 30KW
Operating Angle:	7-18°



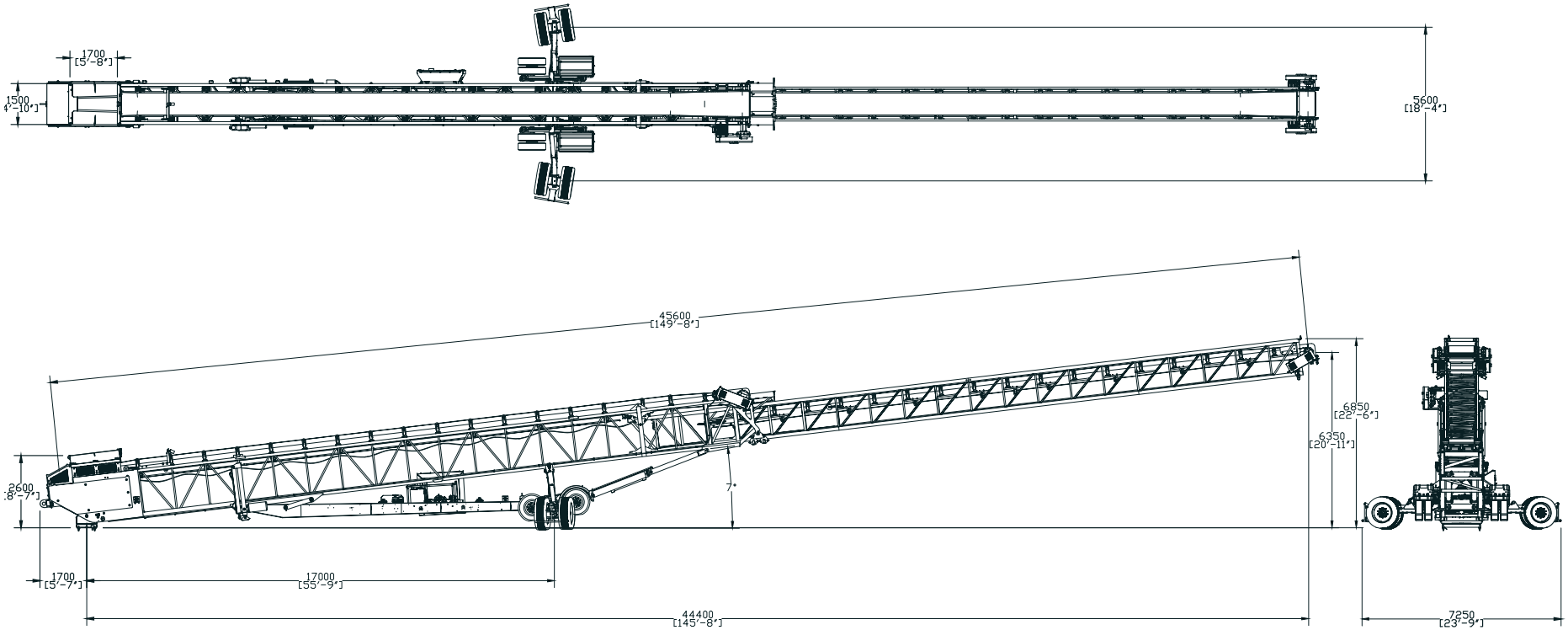
OPTIONS

- Upgrade to 1,000TPH
- Pull Cord Emergency Stop
- Feedboot Liners: 6mm Mild Steel
- Feedboot Liners: 6mm Wear Plate (AR400)
- Feedboot Liners: 12mm Wear Plate (AR400)
- Feedboot Liners: 20mm rubber
- Flared Feedboot Extensions
- Chevron Belt EP315/3 Ply x 3+1.5 Covers
- Heavy duty plain belt 500EP 4 ply x 8+2 covers
- Working Lights
- Belt Weigher
- Radio Remote
- Low level Grease points for Inner Conveyor and Outer conveyor
- Self Aligning Rollers
- 4WD radial wheel drive



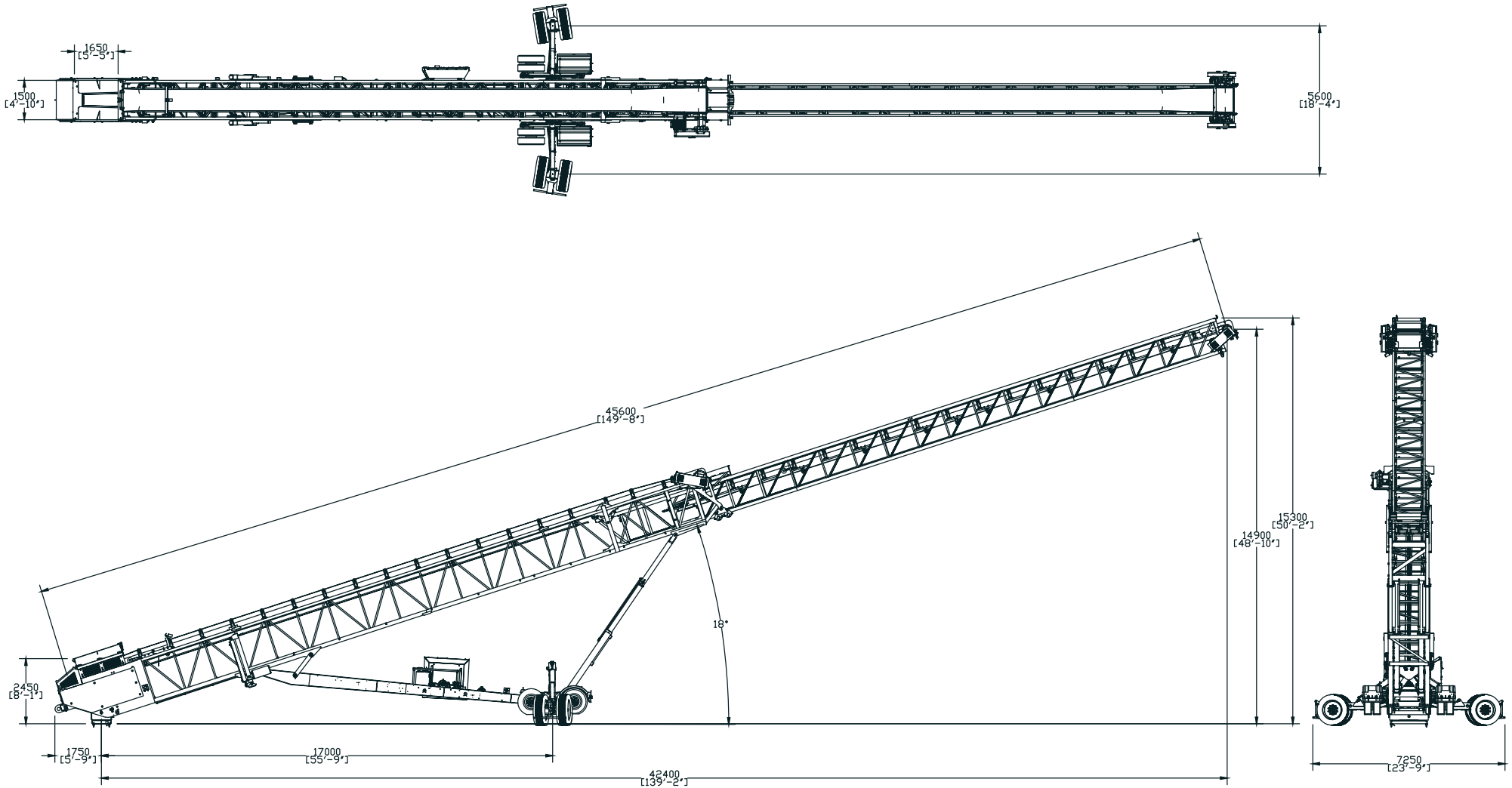
DIMENSIONS

WORKING MINIMUM HEIGHT



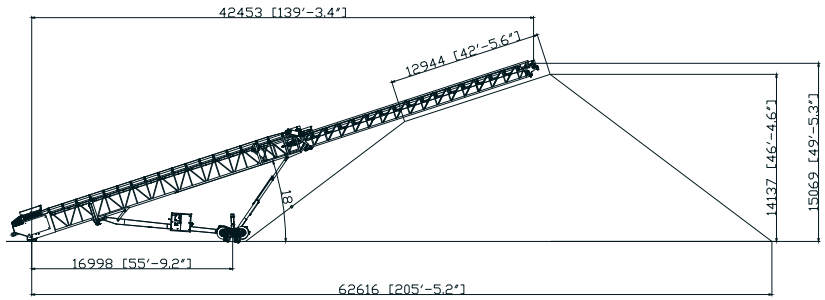
DIMENSIONS

WORKING FULLY EXTENDED

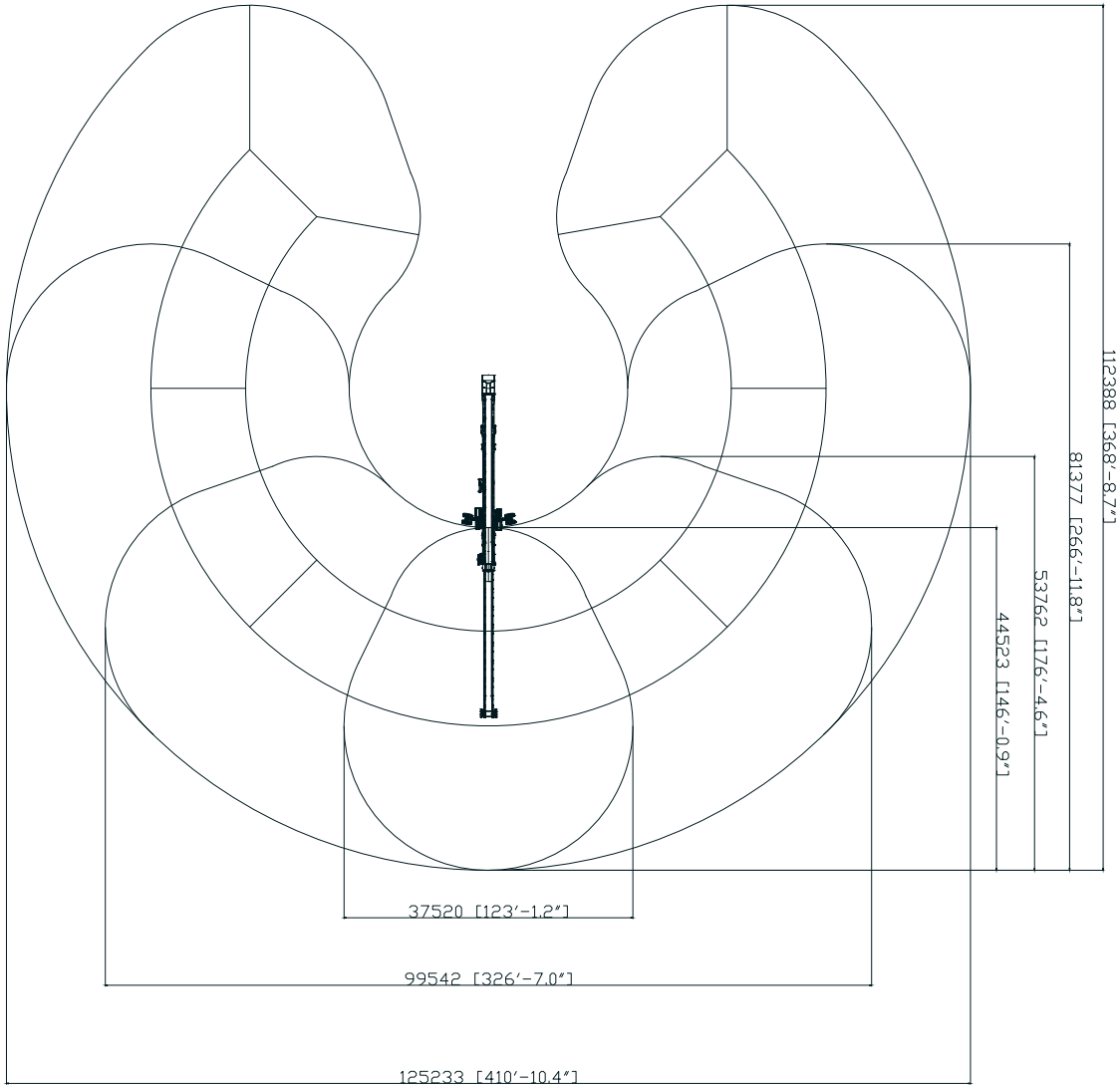


DIMENSIONS

STOCKPILE DIMENSIONS



RADIAL DEG	VOLUME (m3)	VOLUME (yrds3)	MASS (Tonnes)	MASS (Ton)
0	7065	9241	11304	12434
90	30882	40392	49411	54352
180	54700	71545	87520	96272
270	78517	102696	125627	138190





Omagh, UK
Drumquin Road
Omagh
Co. Tyrone
BT78 5PN

Tel: +44 (0) 28 8241 8700
Email: magna@terex.com

terex.com/magna