



TW 36-150

Radial Telescopic Conveyor



REDUCED COST



**SITE OPERATING
EFFICIENCY**



**ENVIRONMENTAL
CONSIDERATIONS**

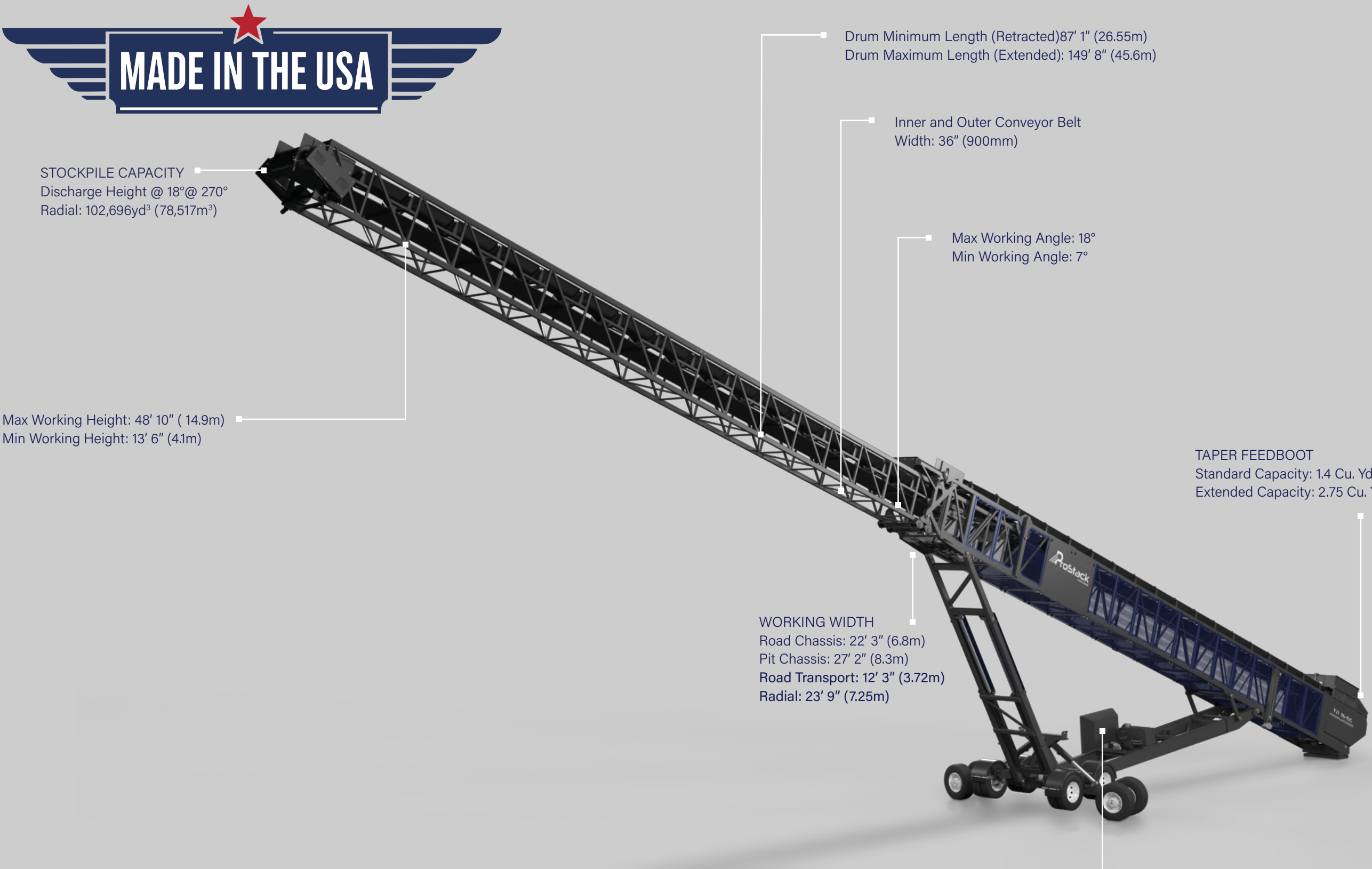


**IMPROVE HEALTH
& SAFETY**



**PRODUCT
QUALITY**

OVERVIEW TW 36-150



MADE IN THE USA

STOCKPILE CAPACITY
Discharge Height @ 18°@ 270°
Radial: 102,696yd³ (78,517m³)

Max Working Height: 48' 10" (14.9m)
Min Working Height: 13' 6" (4.1m)

Drum Minimum Length (Retracted)87' 1" (26.55m)
Drum Maximum Length (Extended): 149' 8" (45.6m)

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

Max Working Angle: 18°
Min Working Angle: 7°

TAPER FEEDBOOT
Standard Capacity: 1.4 Cu. Yd. (1.1m³)
Extended Capacity: 2.75 Cu. Yd. (2.1m³)

WORKING WIDTH
Road Chassis: 22' 3" (6.8m)
Pit Chassis: 27' 2" (8.3m)
Road Transport: 12' 3" (3.72m)
Radial: 23' 9" (7.25m)

POWERUNIT
Fully Electric, requires a generator to operate
Deployment Engine with Road version only

FEEDBOOT DEADBOX	
Standard Capacity	1.4 Cu. Yd. (1.1m³)
Feed In Width	4' 10" (1500mm)
Extended Capacity	2.75 Cu. Yd. (2.1m³)
Extended Feed In Width	5' 11" (1820mm)
Minimum Feed In Height	8' 11" (2450mm)
Extended Minimum Feed In Height	9' 8" (2950mm)

CONVEYORS	
Inner Conveyor	
Width	36" (900mm)
Belt Centres	79' 6" (24.25m)
Belt Type (Plain/Chevron)	Plain
Belt Spec	220 PIW 2-PLY 3/16" X 1/16"
Drive Drum Diameter	16" (427mm)
Tail Drum Diameter	14" (356mm)
*Max Belt Speed of Conveyor	8.5ft/sec (2.6m/sec)
Motor Size & type	2 x 11KW
Outer Conveyor	
Width	36" (900mm)
Belt Centres	87' 1" (26.55m)
Belt Type (Plain/Chevron)	Plain
Belt Spec	220 PIW 2-PLY 3/16" X 1/16"
Drive Drum Diameter	16" (427mm)
Tail Drum Diameter	14" (356mm)
*Max Belt Speed of Conveyor	6.8ft/sec (2.1m/sec)
Motor Size & type	1 x 30KW
Operating Angle	7-18°

WEIGHT	
Total Weight (STD) (kg)	64,310lbs (29,500kg)
Axle Weight (Transport)	43,560lbs (19,760kg)
Kingpin Weight	20,745lbs (9,410kg)
Maximum Tonnage	1000 TPH
Maximum Feed Size	4" (100mm)based on 30 degree surcharge

OPTIONS
Upgrade to 1000TPH
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
Conveyor Fitted With Chevron Belt EP315/3 Ply x 3+1.5 Covers
Conveyor Fitted With Heavy Duty Plain Belt EP500/4 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

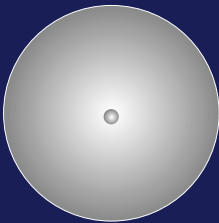
GENERAL
Road Transportable - Machine fully Assembled in USA
Emergency Stops x5
Twin Radial Wheel Drive
Underguard Length Of Outer Section
Outer Conveyor side guards
Truck mount Kit - Includes 5.5HP deployment engine, Hydraulic jacking legs, Hyd kingpin swivel
Hydraulic Raise /lower Radial powered by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

STOCKPILE CAPACITIES	
Discharge Height @ 18° Conical Stockpile Full extension	
0° radial	9,241 yd³ (7,065m³)
30° radial	19,624 yd³ (15,004m³)
60° radial	30,008 yd³ (22,943m³)
90° radial	40,392 yd³ (30,882m³)
120° radial	50,776yd³ (38,821m³)
150° radial	61,160yd³ (46,760m³)
180° radial	71,545yd³ (54,700m³)
270° radial	102,696yd³ (78,517m³)
Variable Speed (Y/N)	Yes (via Pulley Change)

STOCKPILE CONFIGURATIONS

The Terex automated telescopic action can create 30% more stockpile capacity than fixed length radial conveyors.

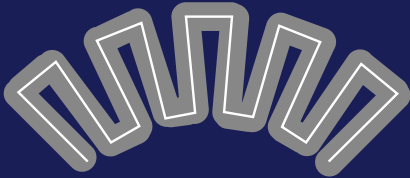
With standard conveyor producing a manual conical stockpile, 6 other automated patterns creating stockpiles as shown in below image.



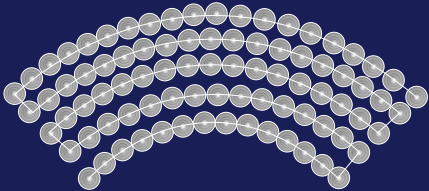
Standard Conveyor



Standard Radial



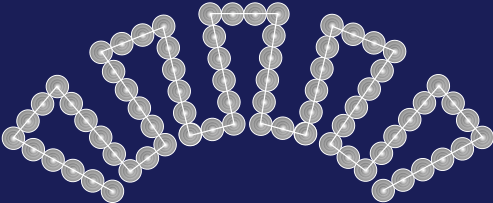
Inline Windrow



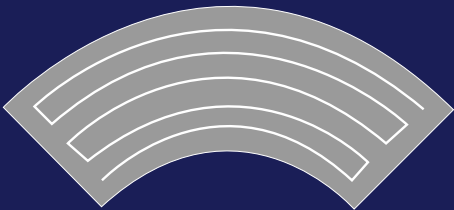
Radial Conical



Radial Windrow



Inline Conical

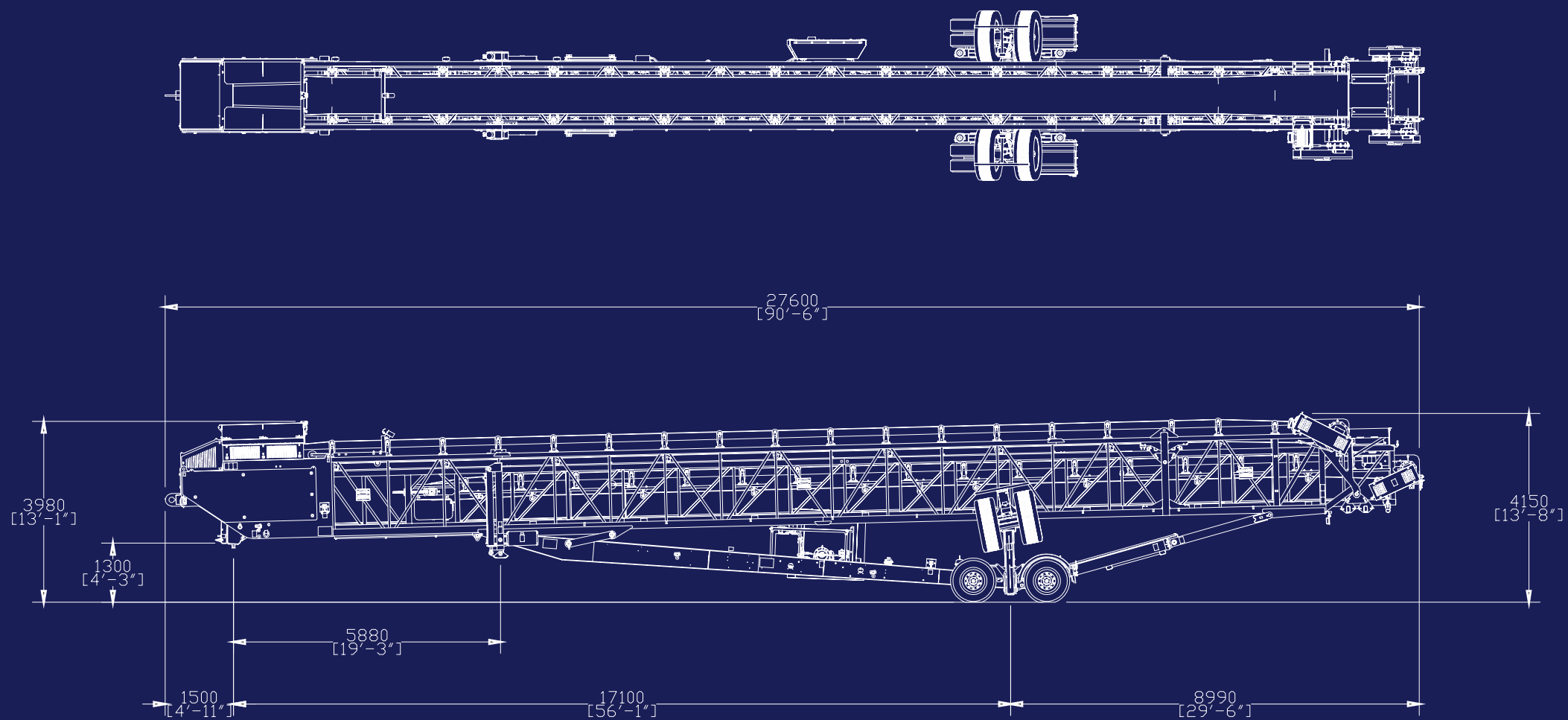


Radial Windrow Flat Top

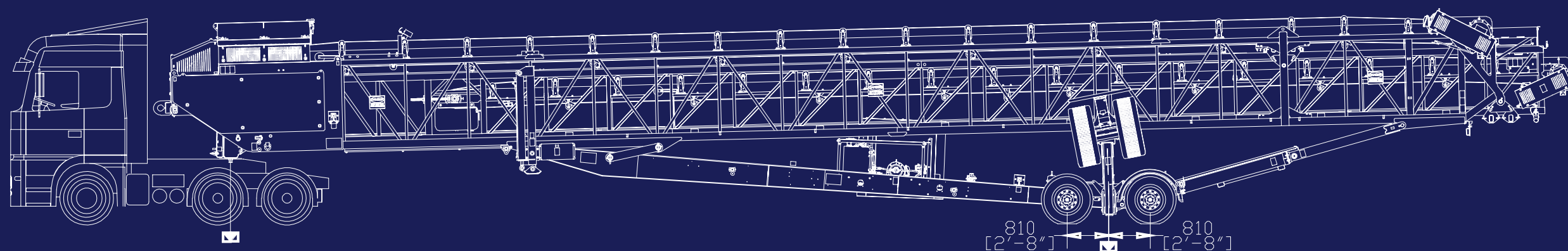
* Max belt speeds are based on 800tph specification

DIMENSIONS TW 36-150

TRANSPORT



TRANSPORT



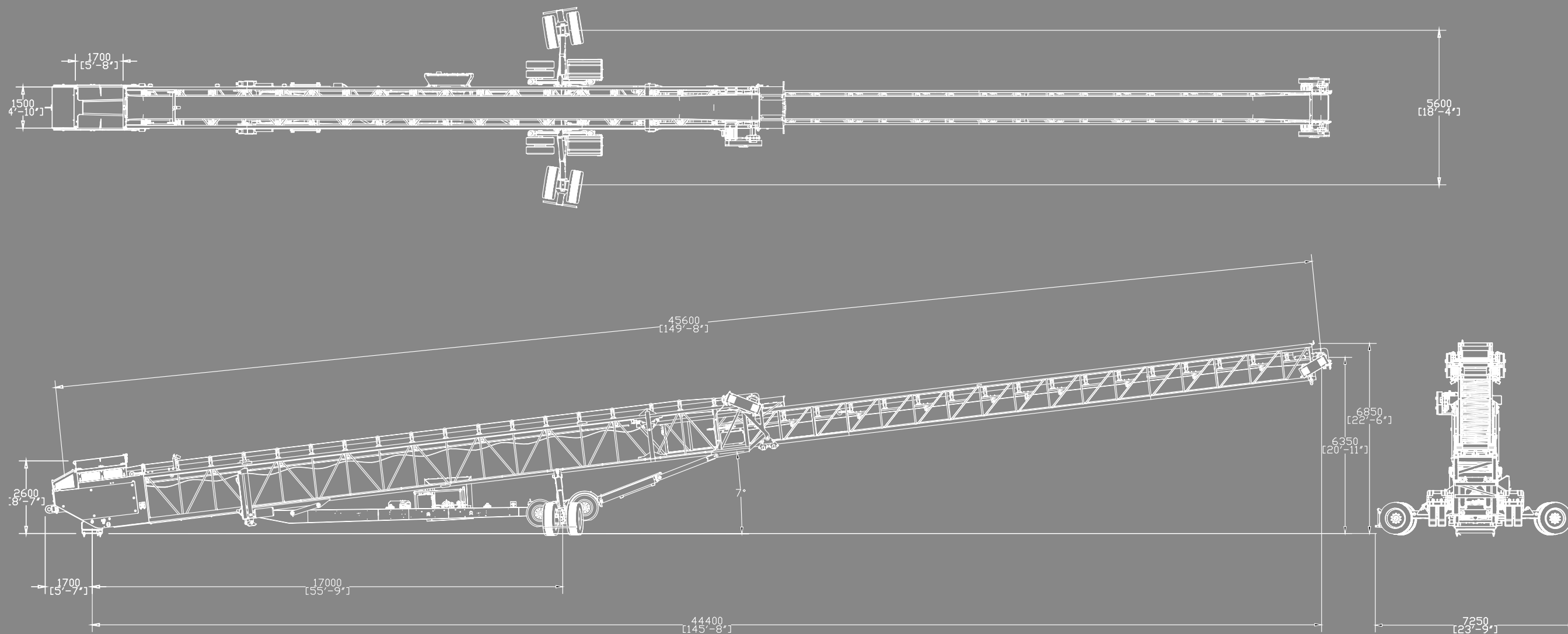
9410KG / 20745LBS
ACTING AT FIFTH
WHEEL

19760KG / 43560LBS
ACTING AT TRANSPORT
WHEELS

9880KG / 21780 LBS
PER AXLE

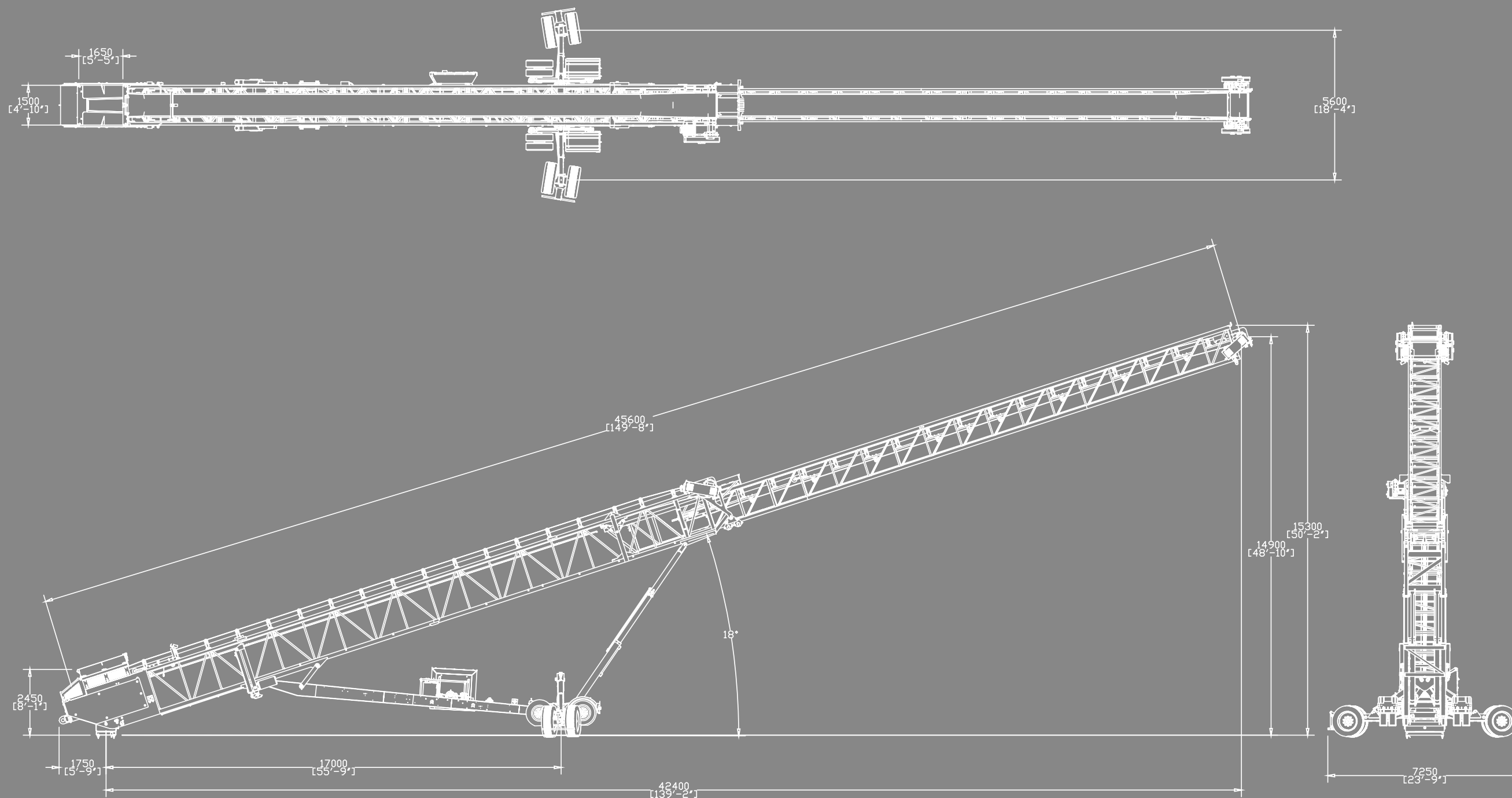
DIMENSIONS TW 36-150

WORKING MINIMUM HEIGHT



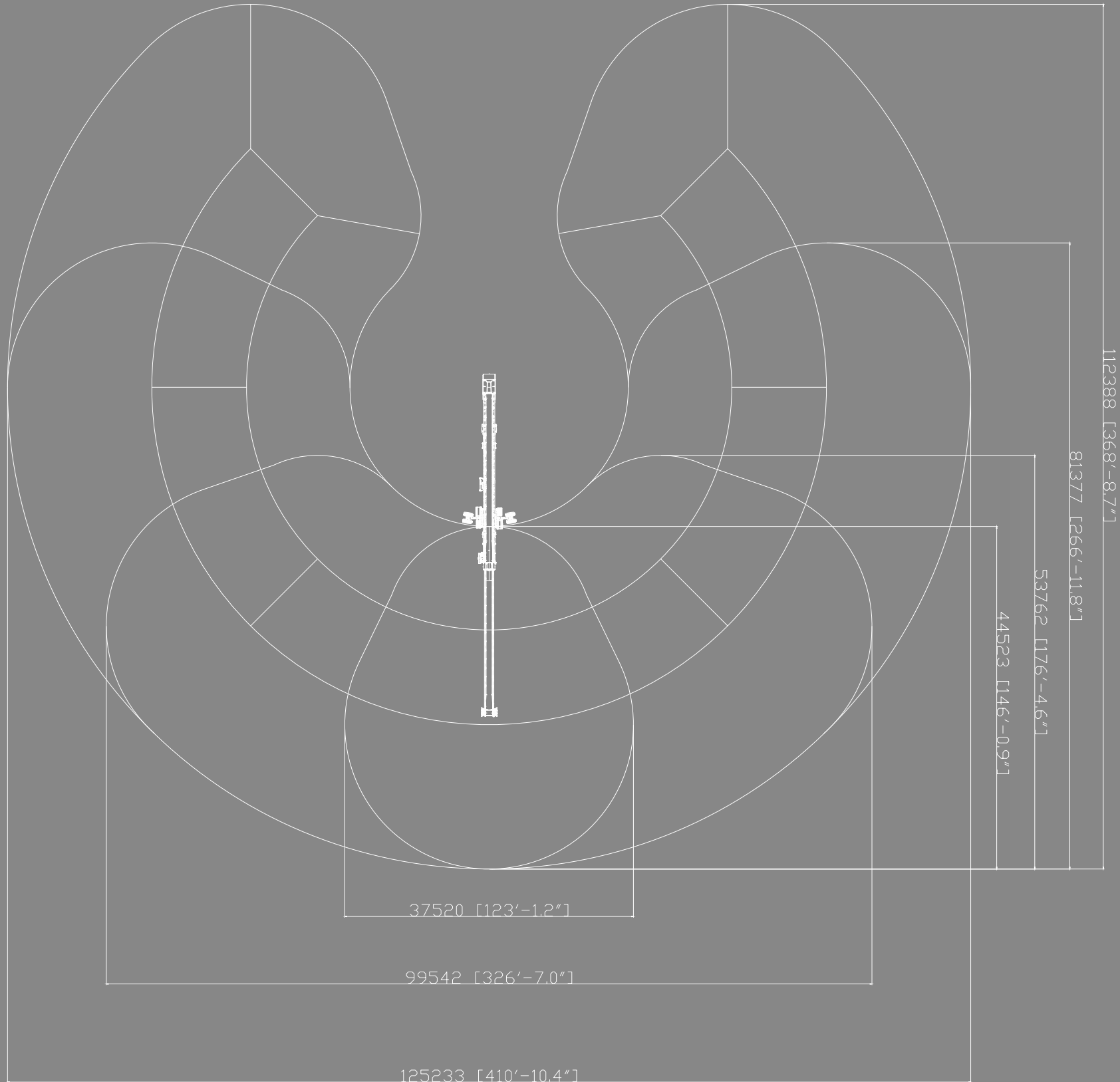
DIMENSIONS TW 36-150

WORKING
MAXIMUM HEIGHT



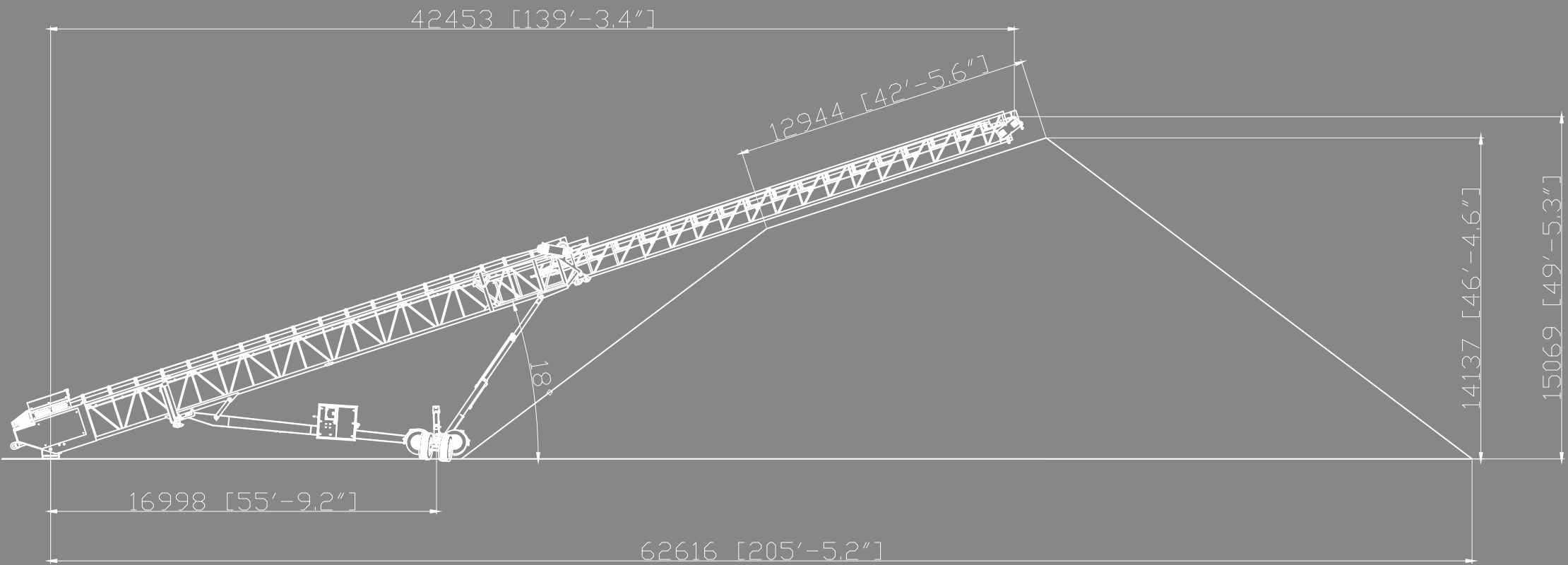
DIMENSIONS TW 36-150

WORKING



DIMENSIONS TW 36-150

WORKING STOCKPILE



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



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