



TW 36-150

Radial Telescopic Conveyor



REDUCED COST



**SITE OPERATING
EFFICIENCY**



**ENVIRONMENTAL
CONSIDERATIONS**



**IMPROVE HEALTH
& SAFETY**



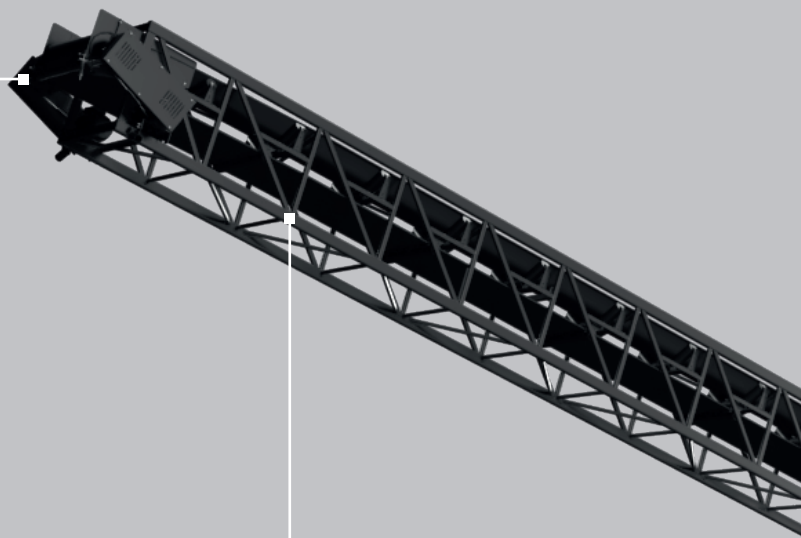
**PRODUCT
QUALITY**

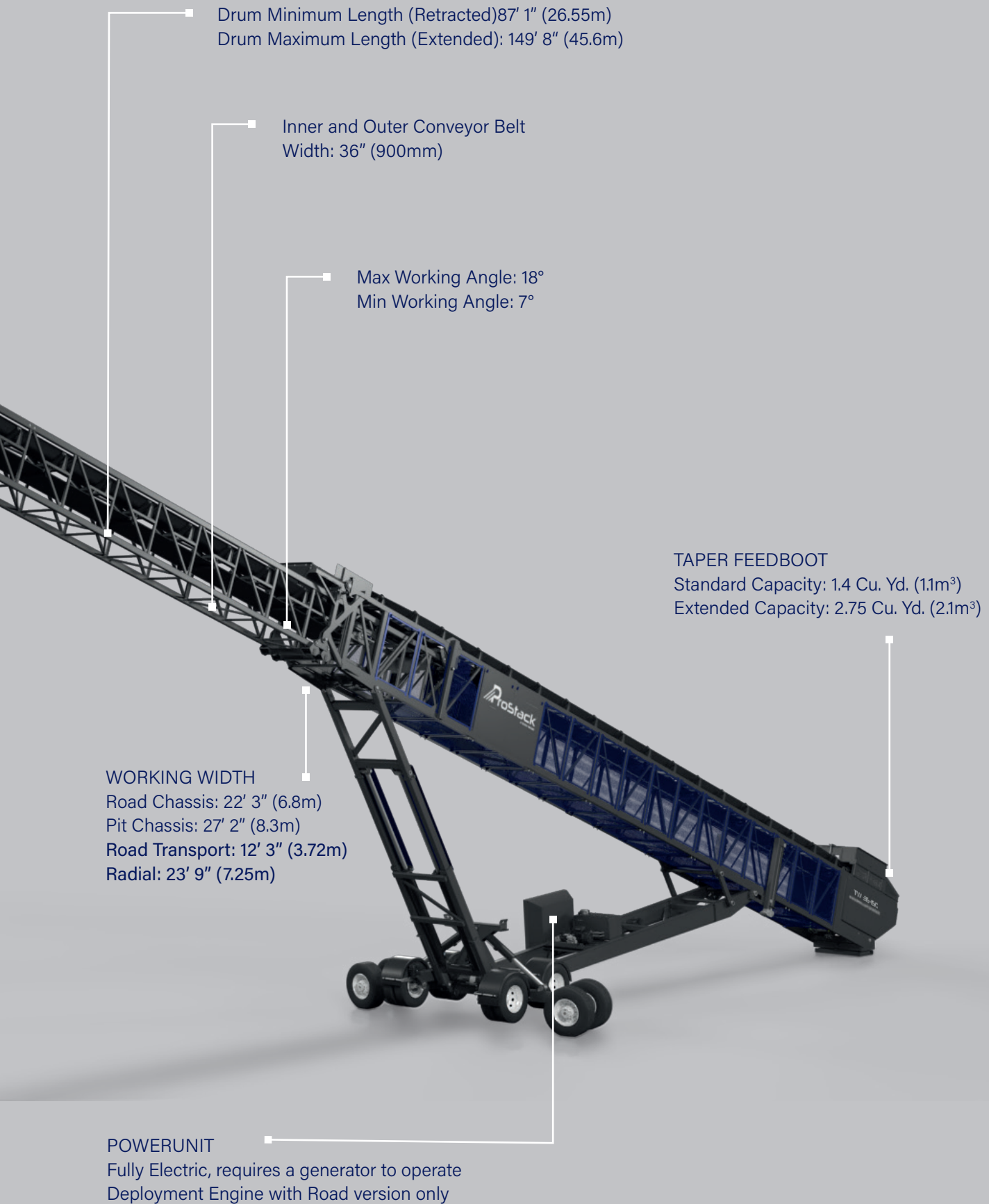
OVERVIEW TW 36-150



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)





TW 36-150

FEEDBOOT DEADBOX

Standard Capacity	1.4 Cu. Yd. (1.1m ³)
Feed In Width	4' 10" (1500mm)
Extended Capacity	2.75 Cu. Yd. (2.1m ³)
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

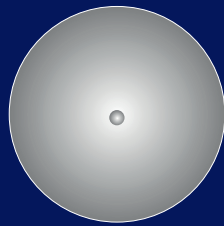
Discharge Height @ 18° Conical Stockpile Full extension	
0° radial	9,241 yd ³ (7,065m ³)
30° radial	19,624 yd ³ (15,004m ³)
60° radial	30,008 yd ³ (22,943m ³)
90° radial	40,392 yd ³ (30,882m ³)
120° radial	50,776 yd ³ (38,821m ³)
150° radial	61,160 yd ³ (46,760m ³)
180° radial	71,545 yd ³ (54,700m ³)
270° radial	102,696 yd ³ (78,517m ³)
Variable Speed (Y/N)	Yes (via Pulley Change)

* Max belt speeds are based on 800tph specification

STOCKPILE CONFIGURATIONS

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

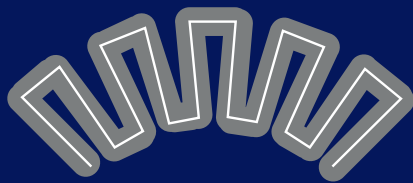
With standard conveyor producing a manual conical stockpile, 6 other automated patterns creating stockpiles as shown in below image.



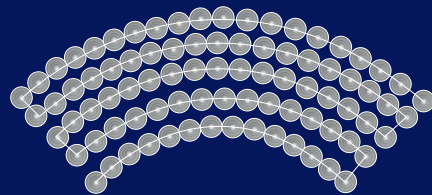
Standard Conveyor



Standard Radial



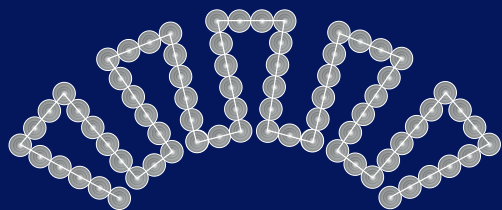
Inline Windrow



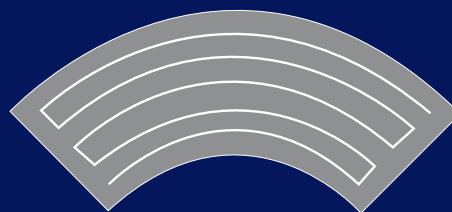
Radial Conical



Radial Windrow



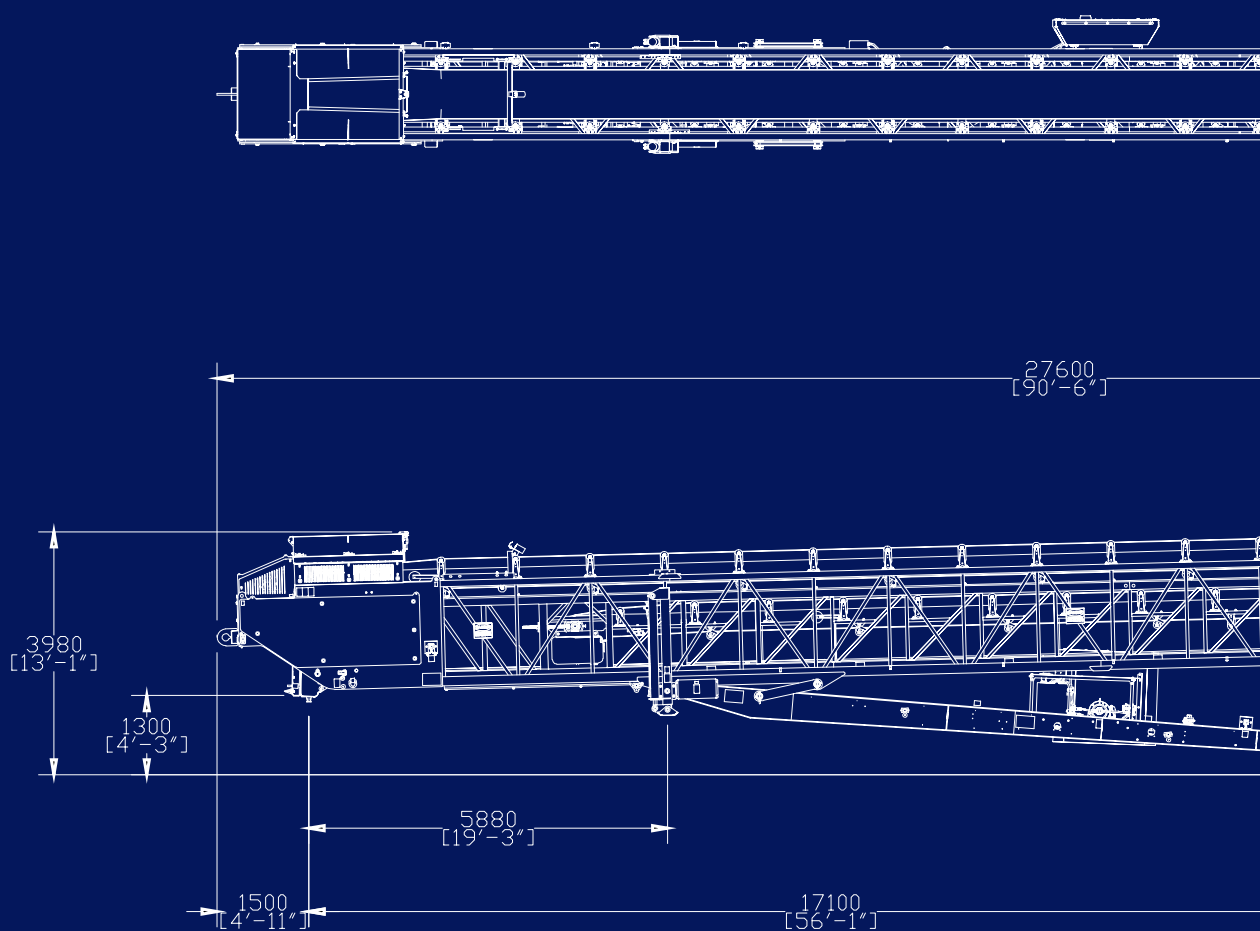
Inline Conical

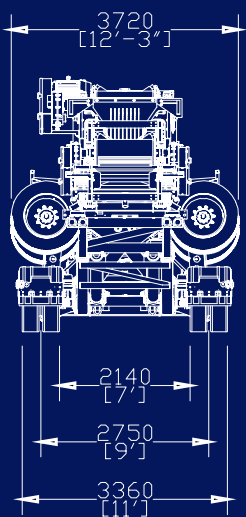
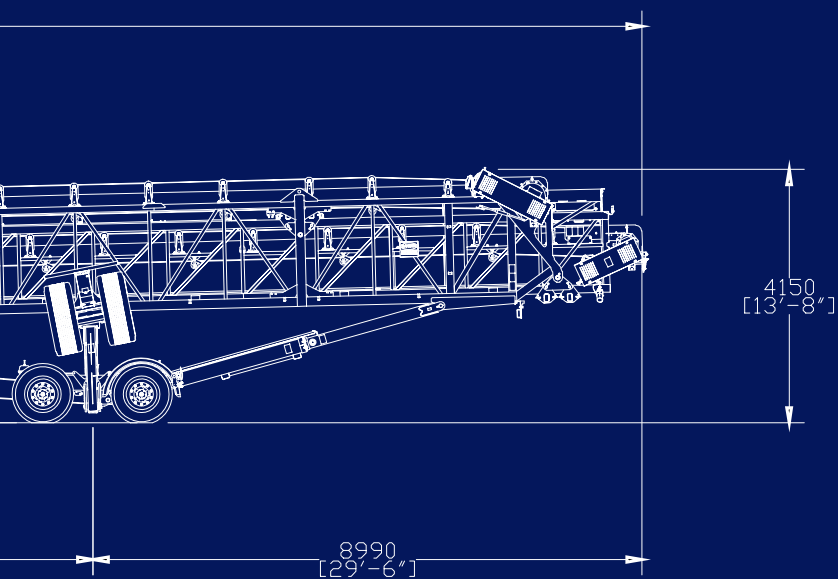
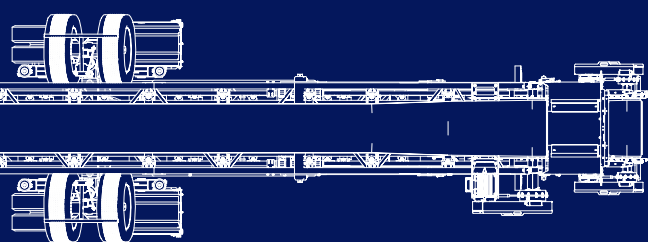


Radial Windrow Flat Top

DIMENSIONS TW 36-150

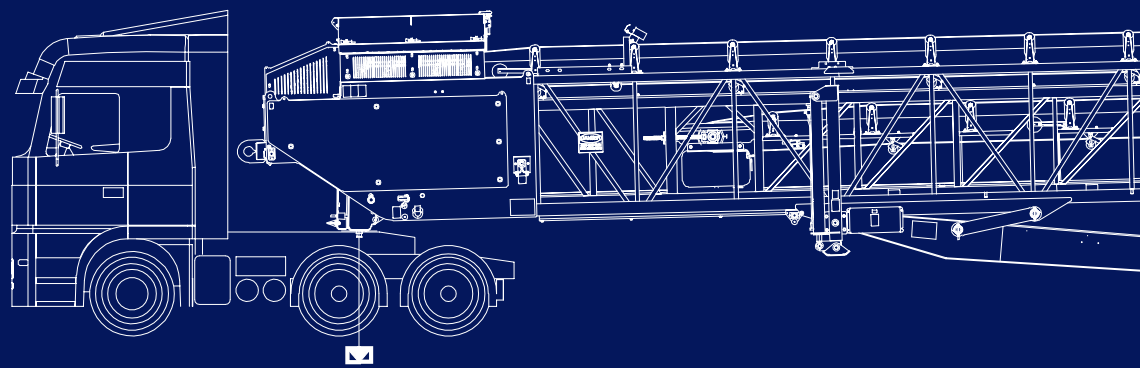
TRANSPORT



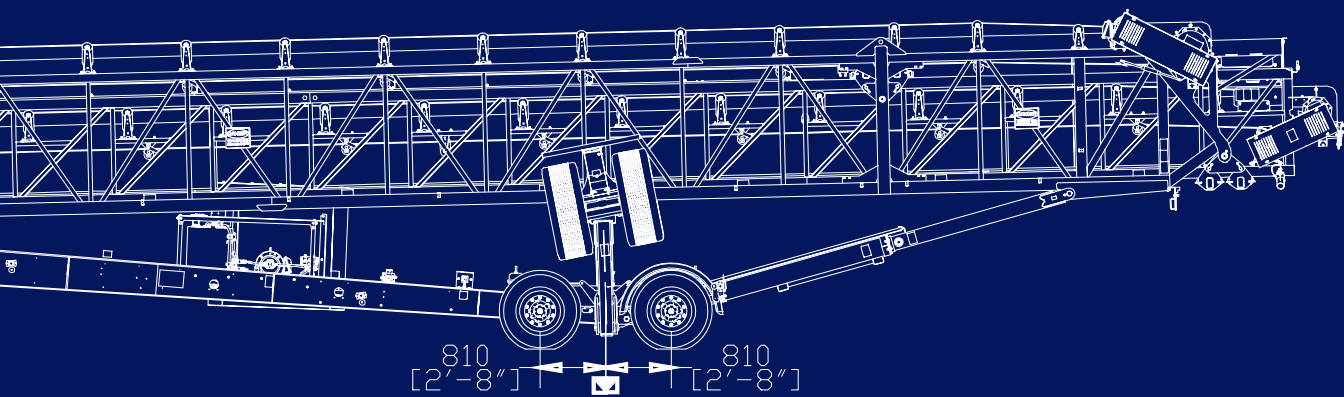


DIMENSIONS TW 36-150

TRANSPORT



9410KG / 20745LBS
ACTING AT FIFTH
WHEEL

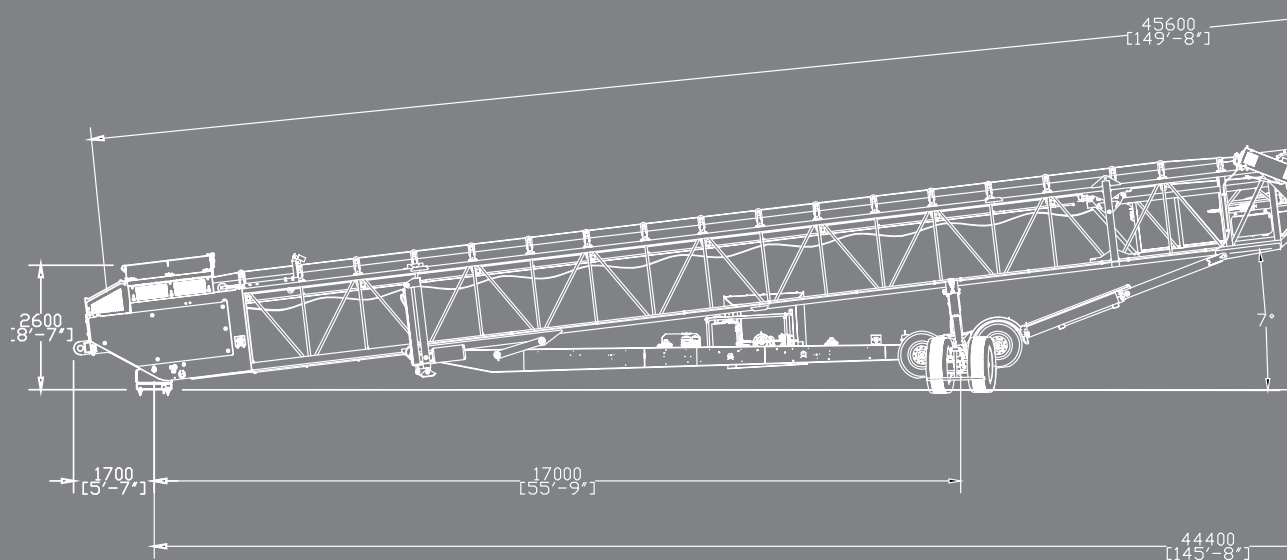
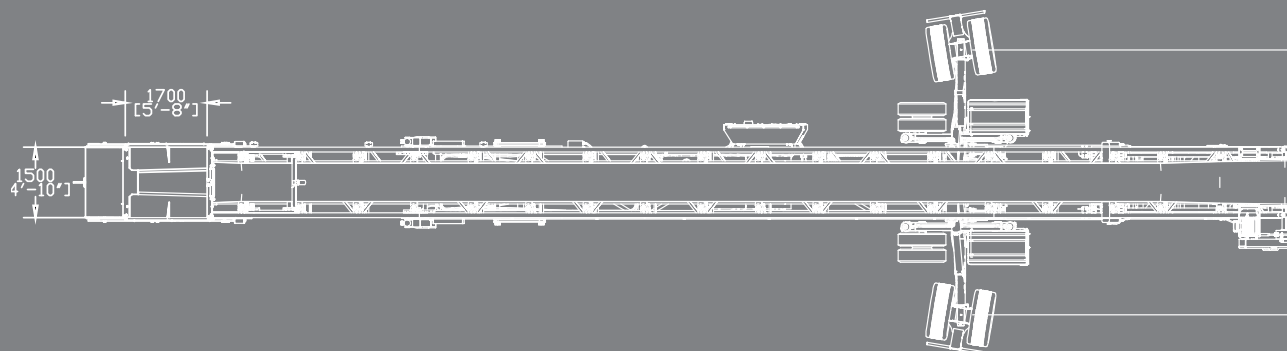


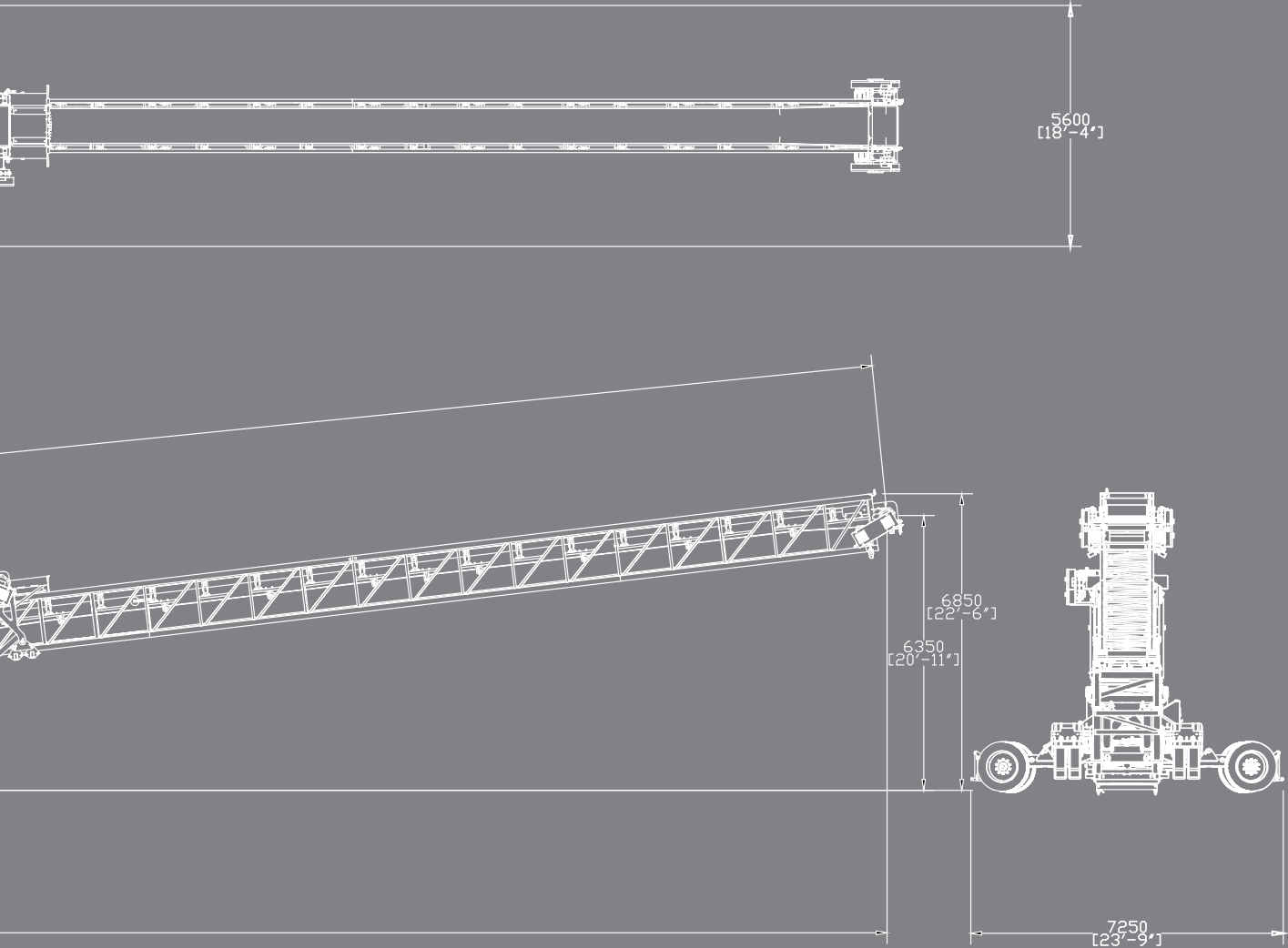
19760KG / 43560LBS
ACTING AT TRANSPORT
WHEELS

9880KG / 21780 LBS
PER AXLE

DIMENSIONS TW 36-150

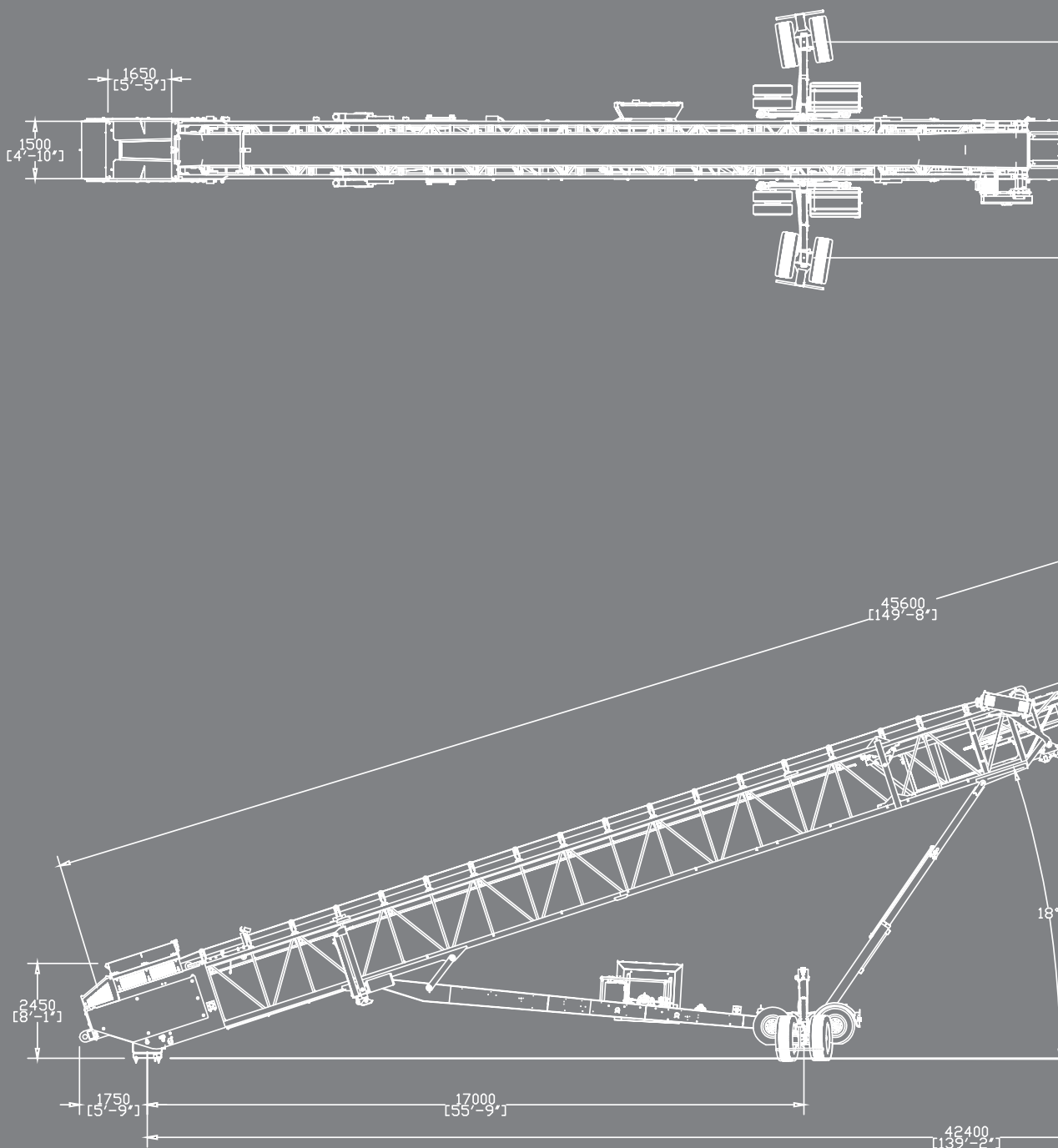
WORKING MINIMUM HEIGHT

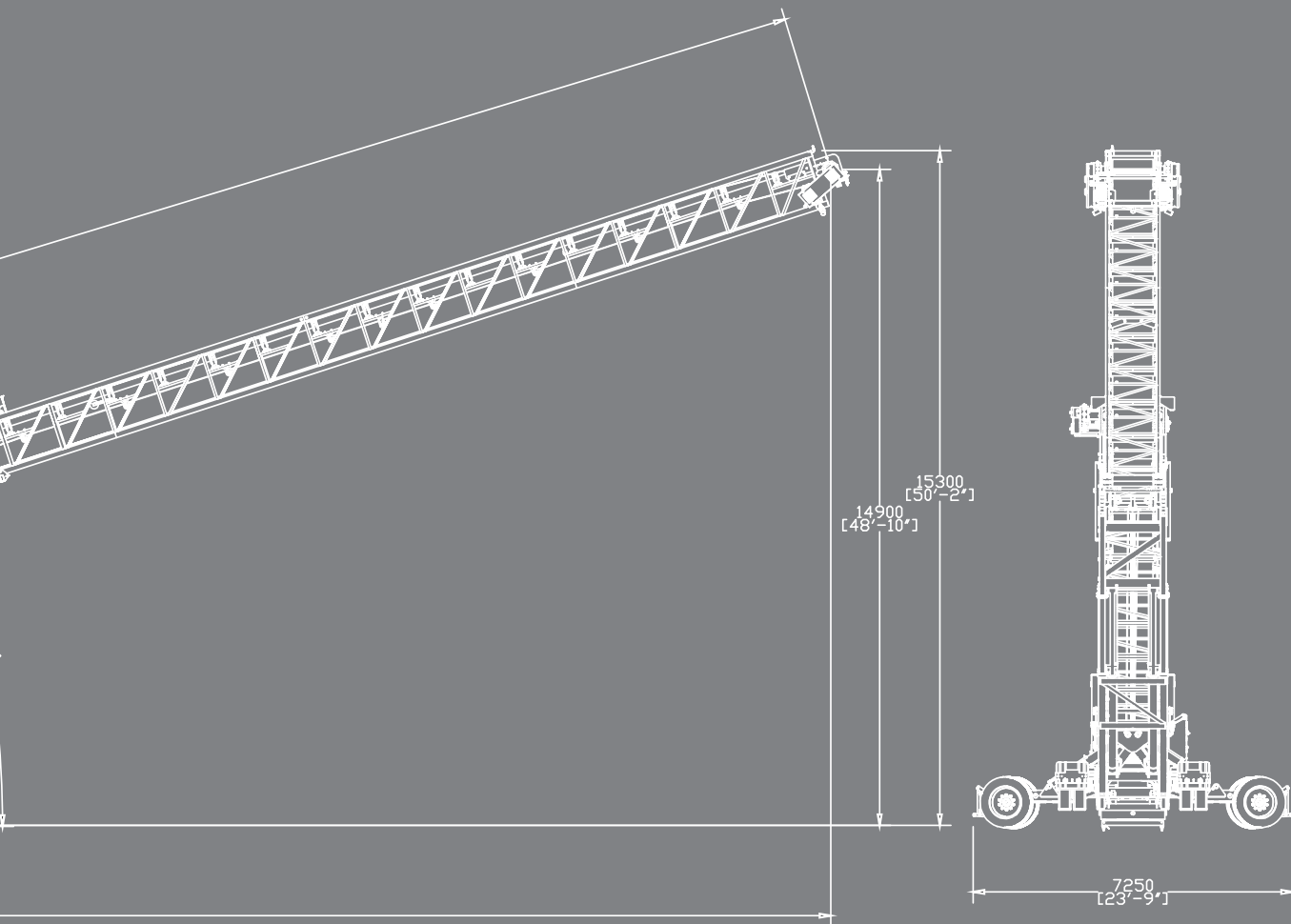
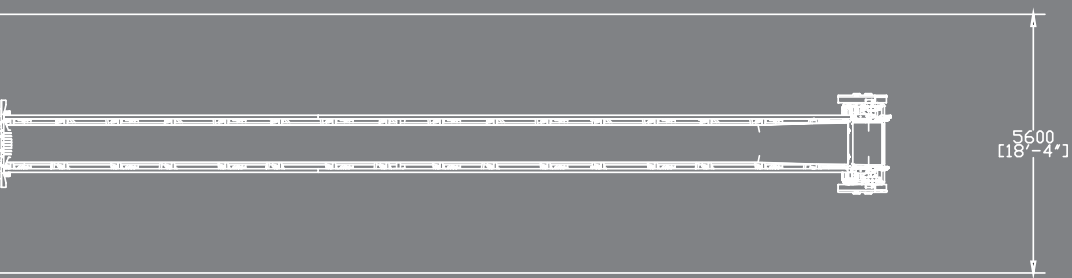




DIMENSIONS TW 36-150

WORKING
MAXIMUM HEIGHT

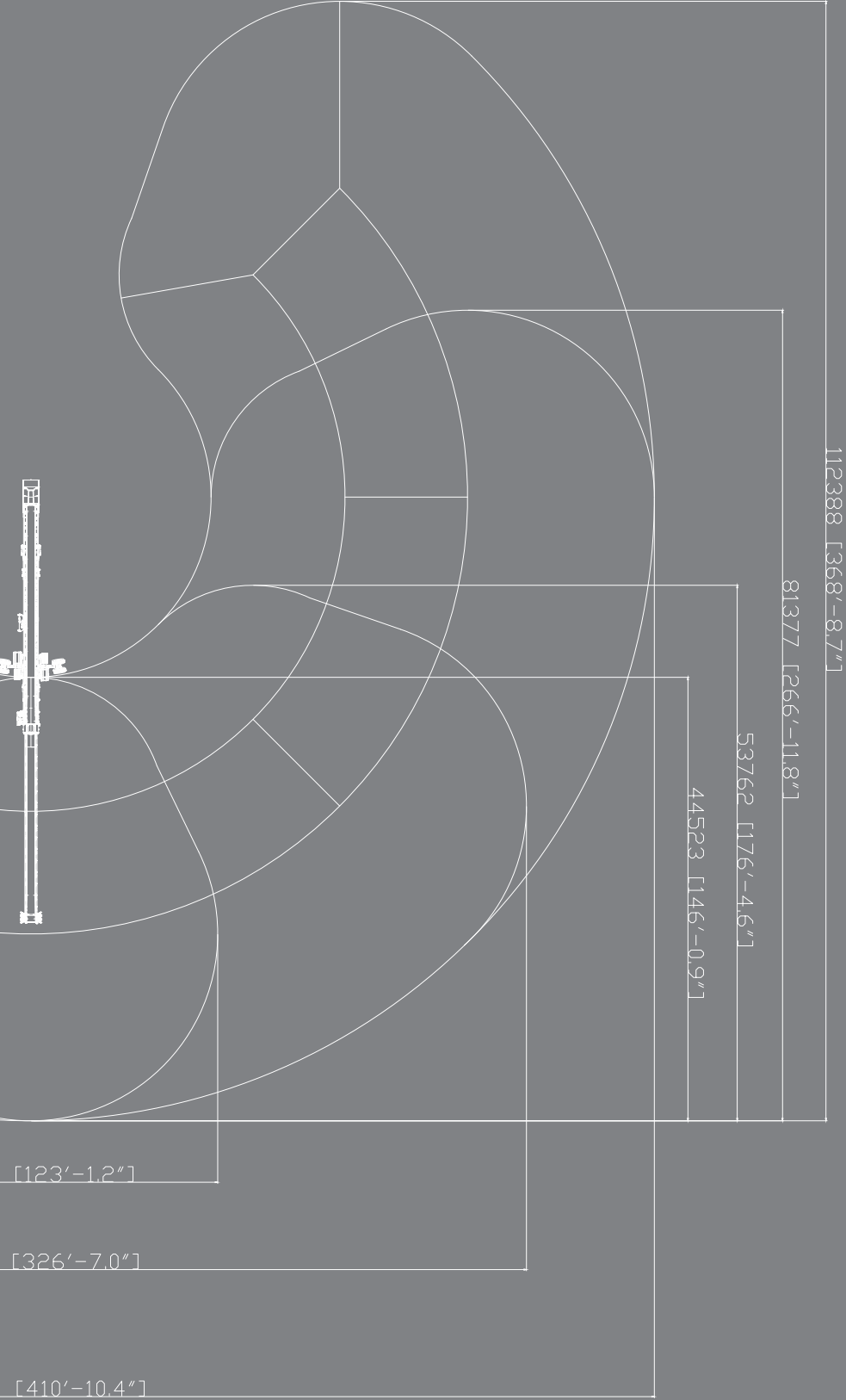




DIMENSIONS TW 36-150

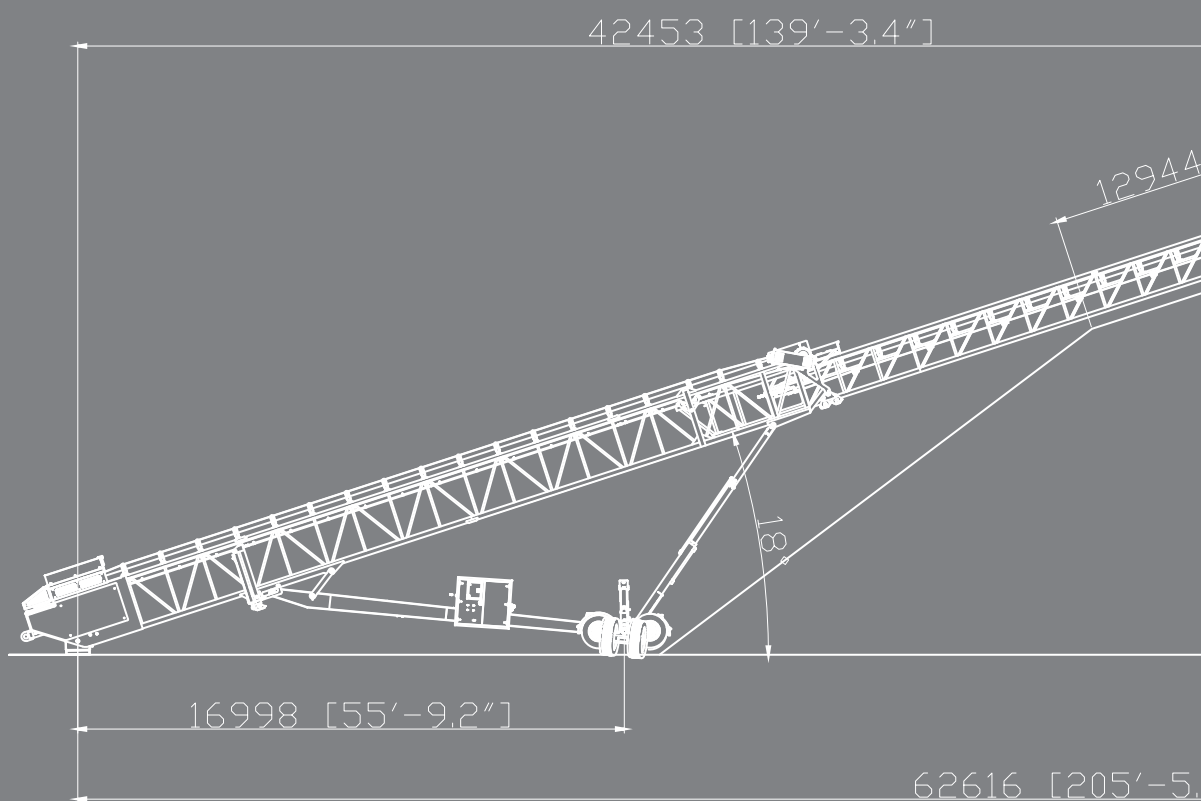
WORKING

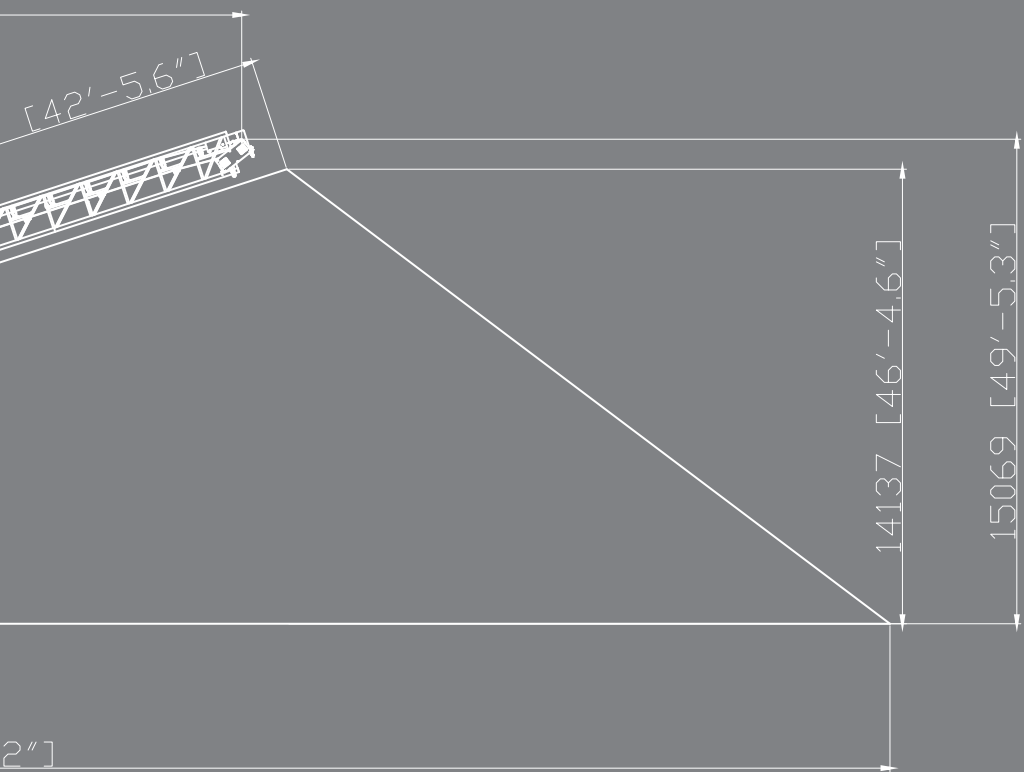




DIMENSIONS TW 36-150

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



FOR FURTHER INFORMATION PLEASE CONTACT:

Global Head Quarters:
20 Keans Hill Road
Campsie Industrial Estate
Northern Ireland
BT47 3YT

Get in touch
+44 (0) 28 8771 8500

Email: ProStack@terex.com
www.terex.com/prostack

North America Facility:
561 State Drive
Mt. Vernon,
MO 65712
USA

Get in touch
(417) 466-2774

AFTER SALES SUPPORT

We provide comprehensive after sales support, maintenance support, provision of spare parts, and on-call customer help & advice.

- ✓ Parts
- ✓ Warranty
- ✓ Service
- ✓ 24/7 Help Desk
- ✓ Telematics
- ✓ Training

ProStack[®]
A TEREX BRAND



Effective Aug 2026 Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex USA LTD. makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex® and ProStack is a registered trademark of Terex Corporation in the USA and many other countries.
Copyright 2026 Terex USA Ltd.