



**TW 36-140**  
**Rotating Telescopic Conveyor**



REDUCED COST



SITE OPERATING  
EFFICIENCY



ENVIRONMENTAL  
CONSIDERATIONS



IMPROVE HEALTH  
& SAFETY



PRODUCT  
QUALITY

# OVERVIEW TW 36-140



ROAD CHASSIS - The customer must check local regulations to ensure road worthiness.

The TW 36-140 rotating telescopic conveyor has a working length of 140' (42 metres), 270° of radial movement and is available in multiple tonnage options - 400tph, 600tph or 800tph. The telescopic conveyor is available in pit portable or road towable variants, making the high quality machine suitable for almost all applications including ports and terminals and quarry and aggregate applications. With a stockpile height of 47' (14m) and maximum stockpile capacity of approximately 100,000 tonnes depending on material density. The TW 36-140 provides a heavy duty solution to bulk material handling.

## TONNAGES OPTIONS

- 400
- 600
- 800

Max Working Height: 14.4m (47' 2")  
Min Working Height: 4.2m (13' 9")



PIT CHASSIS SHOWN

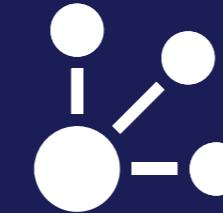
# FEATURES TW 36-110



HIGH POWERED  
CONVEYOR



AUTOMATED  
STOCKPILE  
PATTERNS



MULTIPLE  
TONNAGE  
OPTIONS



IDEAL FOR PORT  
AND TERMINAL  
APPLICATIONS



FULL ELECTRIC  
DRIVE



EASY TO  
TRANSPORT

# TW 36-140

FEEDBOOT DEADBOX	
Capacity (Standard):	1.1m <sup>3</sup> (1.4yd <sup>3</sup> )
Feed in width:	1.6m (5'4")
Capacity (Extended):	2.1m <sup>3</sup> (2.75yd <sup>3</sup> )
Feed in width (Extended):	1.85m (6'11")
Minimum feed in height:	2.85m (9'4")
Extended minimum feed in height:	3.12m (10'3")

DISCHARGE CONVEYOR	
Maximum conveyor length:	42.45m (139' 3")
Minimum conveyor length:	27.2m (89' 5")
Belt width:	900mm (36")
Minimum discharge height:	4.2m (13' 9")
Maximum discharge height:	14.4m (47'2")
Operating angle:	6°-18°

INNER CONVEYOR	
Belt centres:	18.80m (61'8")

OUTER CONVEYOR	
Belt width:	900mm (36")

POWERUNIT OPTIONS	
11kw motor driving tandem hydraulic pump	
Hydraulic tank capacity:	265L

TRANSPORT DIMENSIONS		
	ROAD TOWABLE	PIT PORTABLE
Transport Height	4.33m (14' 2")	5.19m (17')
Transport Length	27.26m (89' 5")	27.79m (91' 2")
Transport Width	3.46m (11' 4")	3.28m (10' 9")

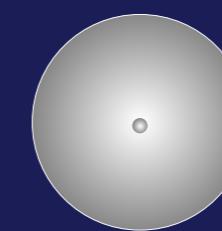
WEIGHT	
Max Weight (with full options):	27,000kg (59,525lbs)

OPTIONS	
Upgrade to 600tph or 800tph model	
Belt weigher	
Pull cord E-Stop	
Feedboot Lined 6mm steel liner	
Feedboot Lined 6mm AR400	
Feedboot Lined 12mm AR400	
Feedboot Lined 20mm rubber liner	
Chevron Belt	
Heavy Duty Belt	
Working Lights	
Twin Radial Drive	
Feedboot Extensions	
Upgrade: Twin motors with Helical Gearbox on Inner & Outer conveyor capable of up to 600TPH/800TPH @ 1.6T/m <sup>3</sup>	
Lorry mount kit	
Road transportable	
Towing eye	
Radio remote	
Belt alignment switches	
Material sensors	
Belt speed sensor	
Low level greasing	
Dust suppression spray bar	
Self-alignment troughing roller	
Engine: 5.5hp deployment engine	

## 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, 7 other automated patterns creating stockpiles as shown in below image.



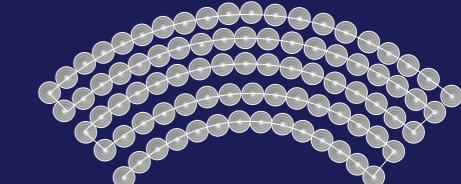
Standard Conveyor



Standard Radial



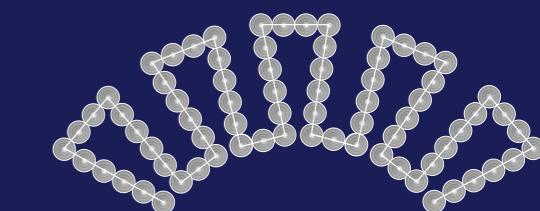
Inline Windrow



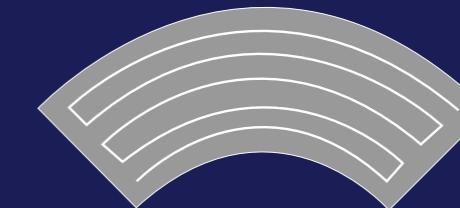
Radial Conical



Radial Windrow



Inline Conical

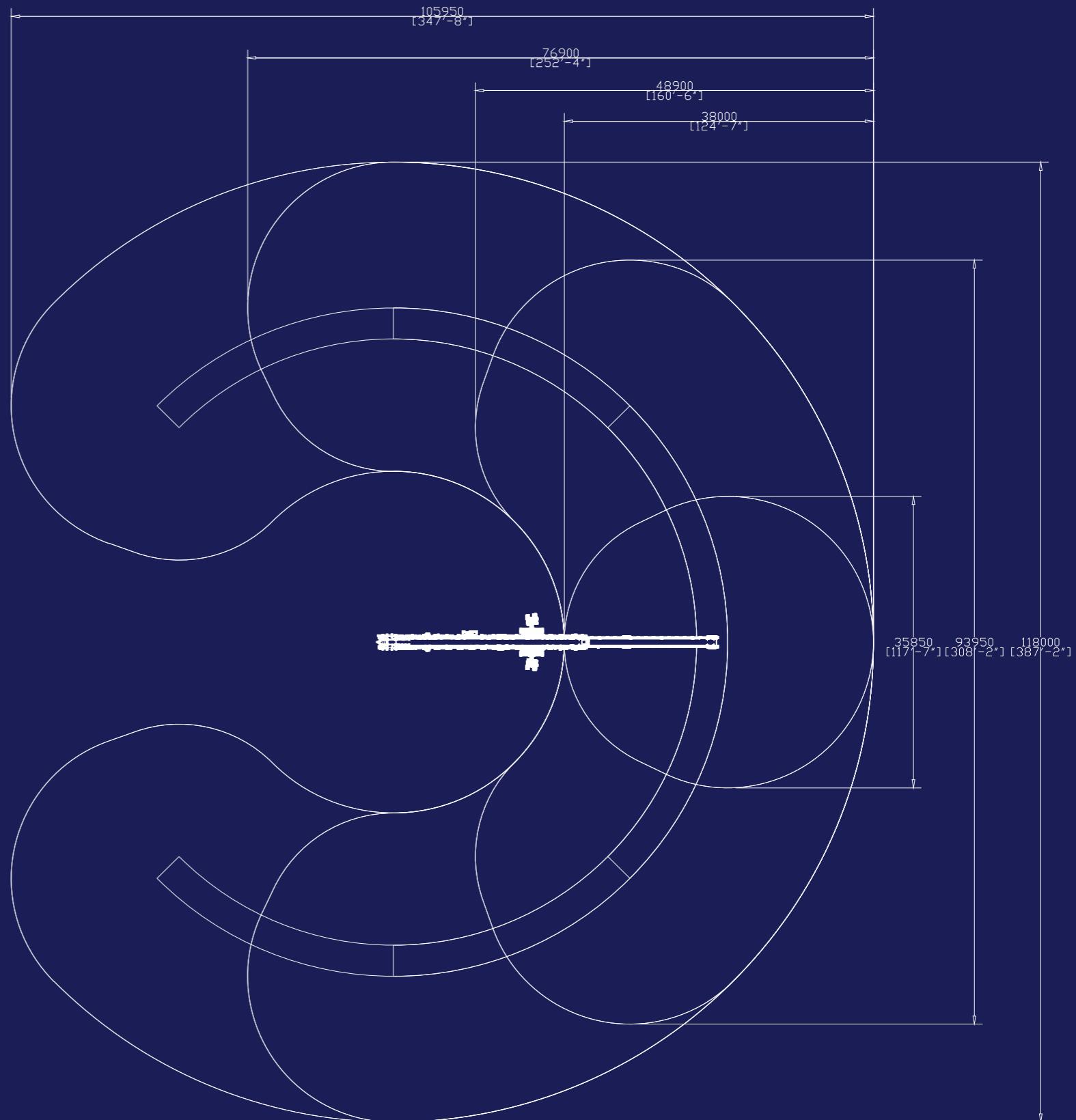
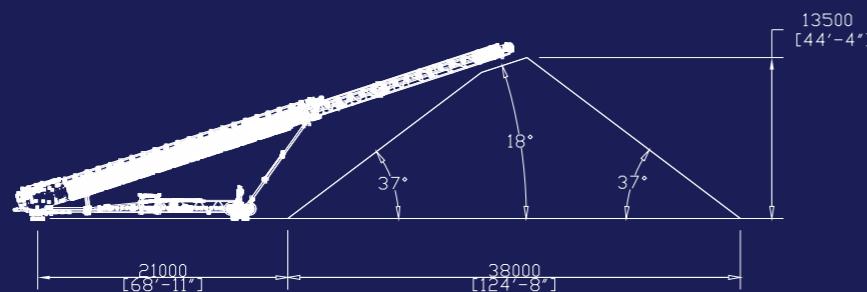


Radial Windrow Flat Top

# DIMENSIONS TW 36-140

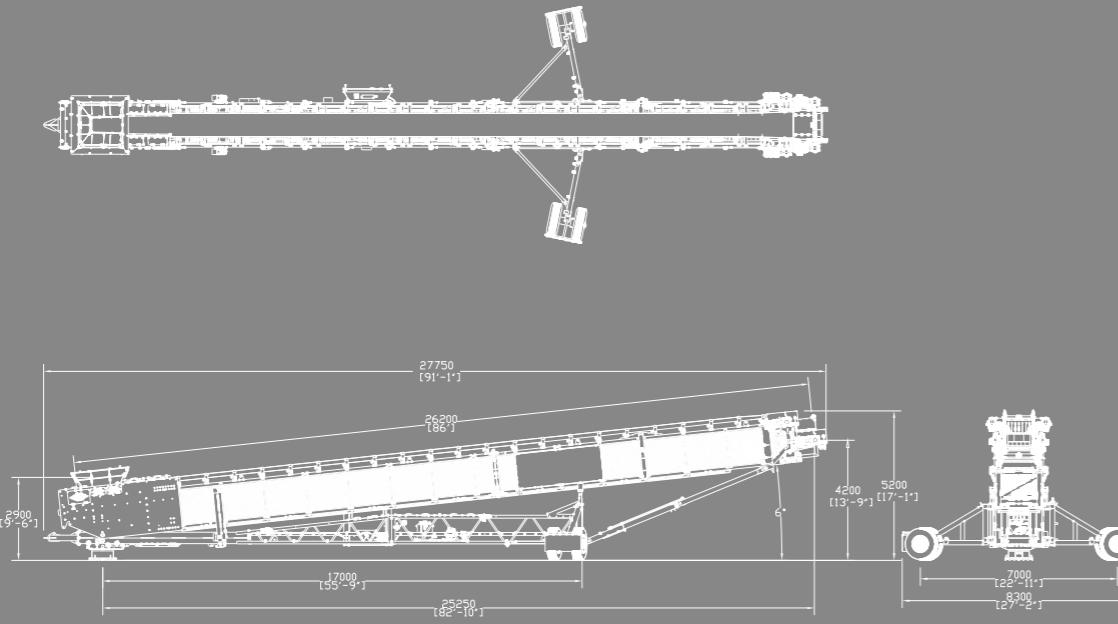
APPROX. STOCKPILE CAPACITY  
MATERIAL DENSITY: 1600kg/m<sup>3</sup>

RADIAL DEG	VOLUME (m <sup>3</sup> )	VOLUME (yds <sup>3</sup> )	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

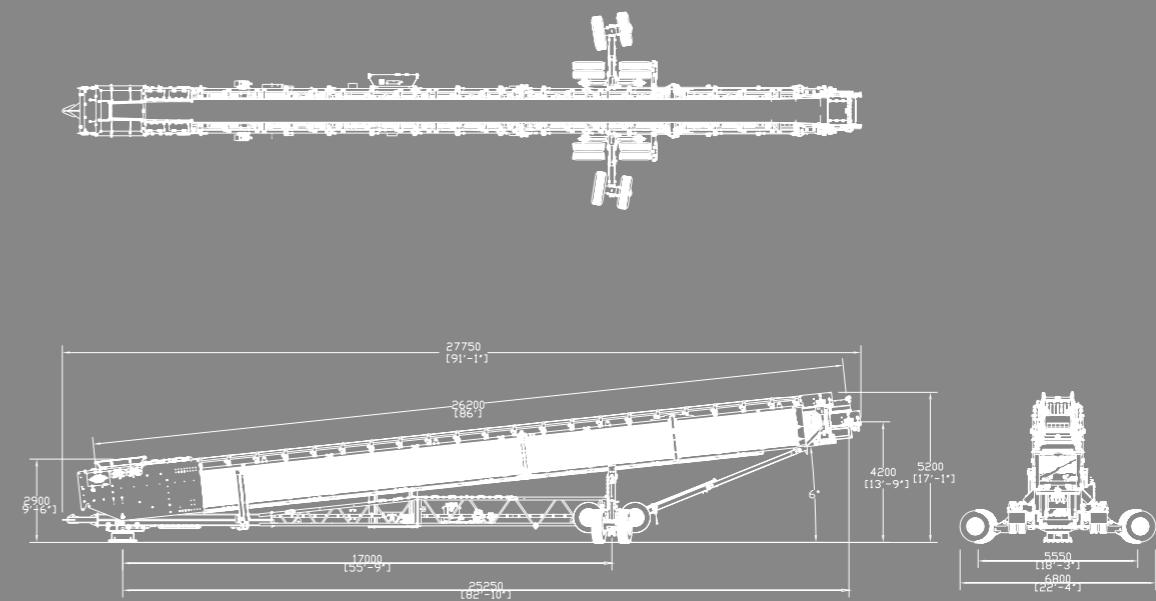


# DIMENSIONS TW 36-IHQ

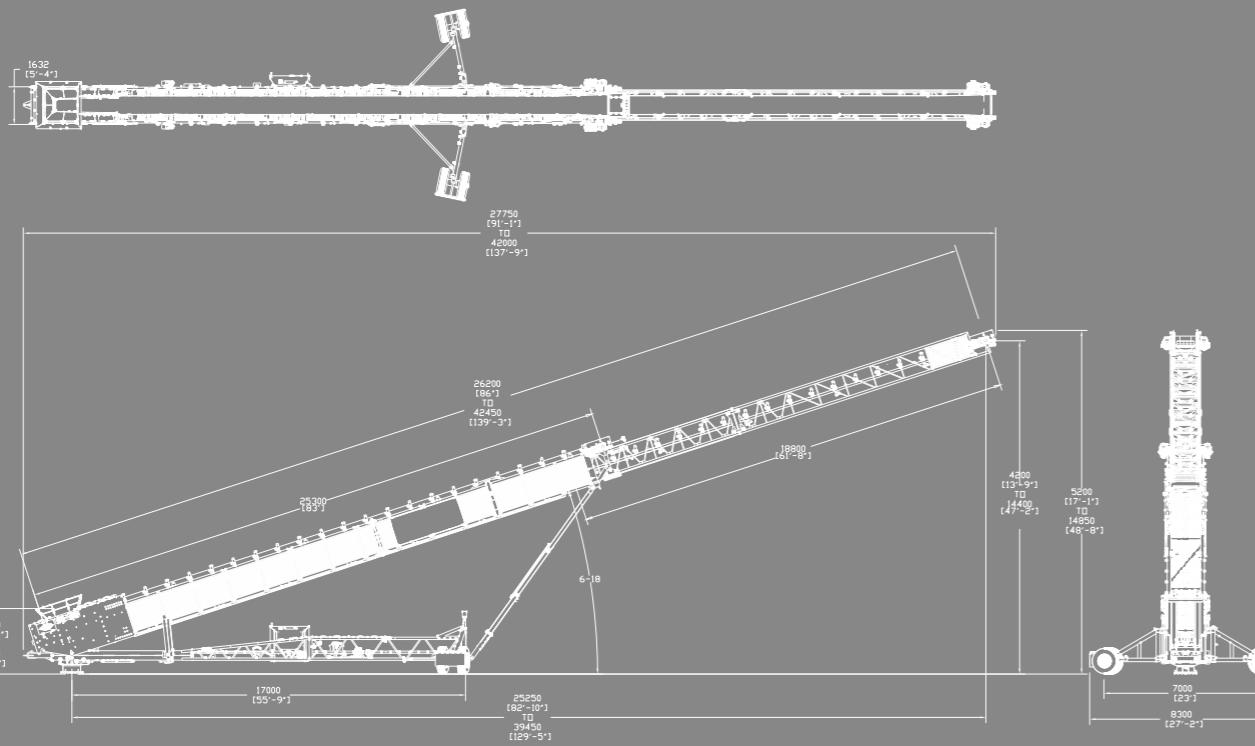
## PIT VERSION - LOWEST HEIGHT



## ROAD VERSION - LOWEST HEIGHT



## MAX/MIN HEIGHT



## MAX/MIN HEIGHT

