



# POWERSTACKER® CONVEYOR

Variable Height Portable Stacker with High Speed Road to Radial Shifting Axles



FD AXLE ENGAGES RADIAL TIRES IN SECONDS



POWER FOLD HYDRAULICALLY UNFOLDS CONVEYOR

Rock Face to Load Out™

 Patented Technology



## FEATURES



### 01/ TOW EYE

Adjustable pintle style hitch provides the most secure coupling.

### 02/ RADIAL RECEIVING HOPPER

Bolt on design includes adjustable flashing in gathering trough.

### 03/ CHEVRON® PULLEY

Ejects fugitive material for longer lasting pulleys and belting.

### 04/ SUPERIOR IDLERS

Trusted seal design provides shields bearing from fugitive material.

### 05/ V-PLOW

Shields tail pulley from onslaught of damaging fugitive material.

### 06/ HYDRAULIC POWERFOLD

Inverted design protects cylinder rods from debris during operation.

### 07/ FD AXLE

Hydraulically transfers stacker from inline to radial mode in seconds.

### 08/ ENCLOSED POWER TRAVEL

Enclosed planetary drive protected from debris.

### 09/ BELT RETAINER

Protects conveyor and integrity of belting during folding/unfolding.

### 10/ HYDRAULIC CONTROL CENTER

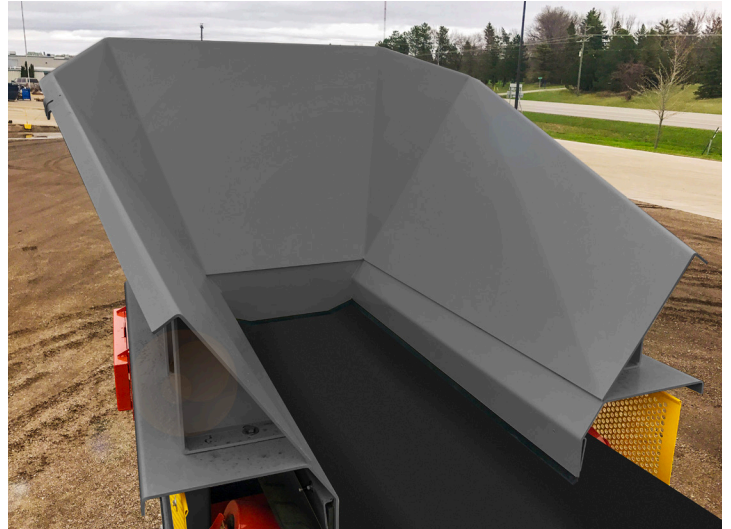
Quickly raise, lower, fold and unfold conveyor.



## FEATURES



01/ TOW EYE



02/ RADIAL RECEIVING HOPPER



05/ V-PLOW



07/ FD AXLE ASSEMBLY



09/ BELT RETAINER



10/ HYDRAULIC CONTROL CENTER



## FEATURES



**FD AXLE**



**HYDRAULIC POWERFOLD**



**ONBOARD POWER**



**EXTERRA SFL DUAL**



**BELT SCALE**



**HOT DIPPED GALVANIZE FINISH**

## PORTABILITY

- » 4-Wheel Drive (FD Axle)
- » Tow Eye

## OPERATION

- » Hydraulic Powerfold
- » Hydraulic Raise/Lower

## MOBILITY

- » Onboard Power
- » All Wheel Drive

## MAINTENANCE

- » Moxie® Rolls
- » Urathon® Return Rolls
- » Sealing System
- » Impacts Rolls
- » Impact Bed
- » Exterra® SFL Dual Belt Cleaner
- » Auto Greaser

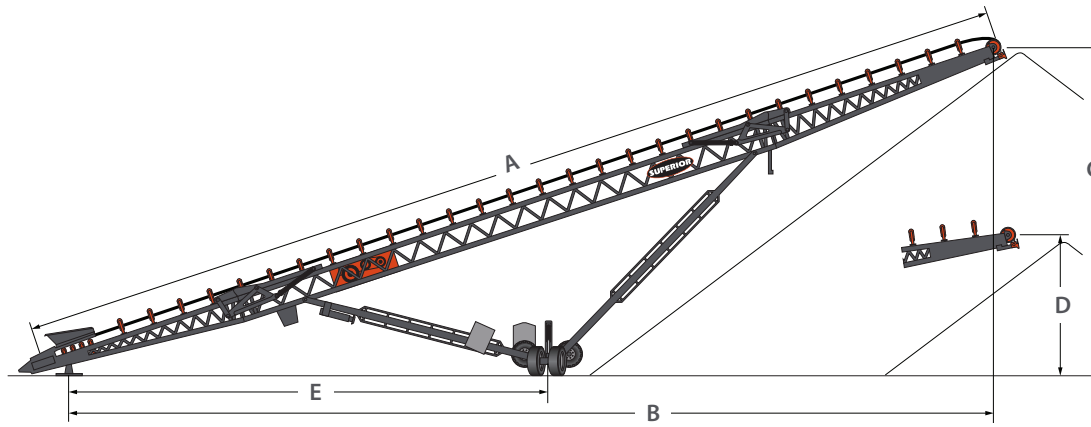
## ENVIRONMENT

- » Belt Covers
- » Epoxy Paint
- » Hot Dipped Galvanized Finish

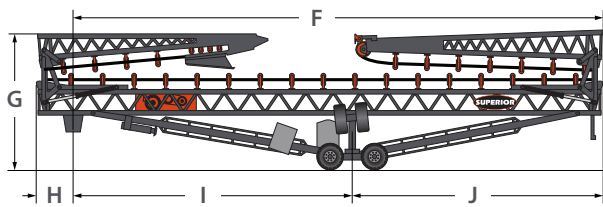
## OTHER

- » Belt Scale
- » Sonicscout™ Material Sensor
- » Anchor Pivot Plate
- » Class II Reducer
- » Landing Gear
- » Vulcanized Belt Splice

# SPECIFICATIONS

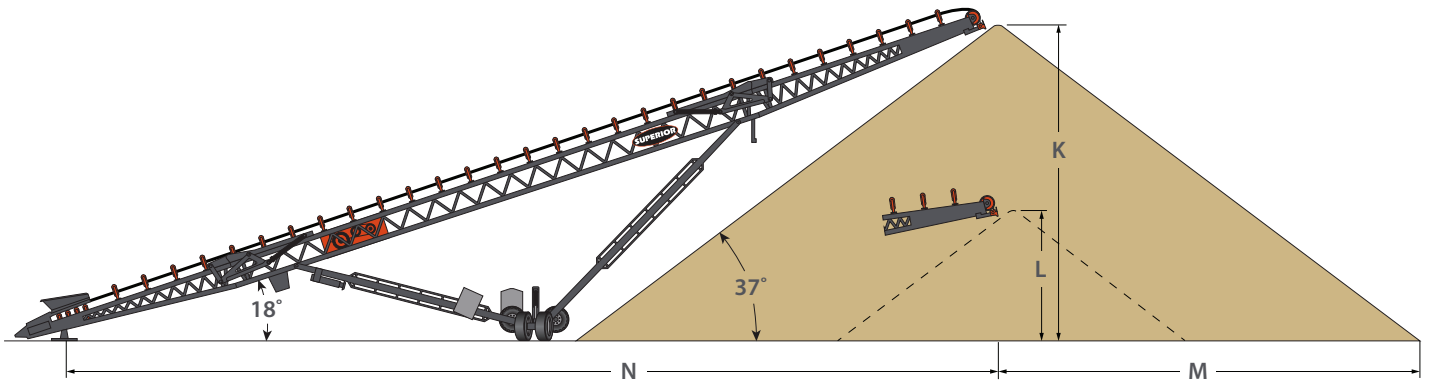


	95'		110'		125'		150'	
	ft x in	m	ft x in	m	ft x in	m	ft x in	m
<b>OPERATING SPECIFICATIONS</b>								
(A) Conveyor Length	95'-0"	29.0	110'-0"	33.5	125'-0"	38.1	150'-0"	45.7
(B) Conveyor Ground Length	88'-4"	26.9	102'-0"	31.1	118'-11"	36.2	140'-4"	42.8
(C) Raised Height to Center of Pulley	32'-3"	9.8	36'-4"	11.1	41'-4"	12.6	48'-0"	14.6
(D) Lowered Height to Center of Pulley	13'-8"	4.2	17'-2"	5.2	17'-7"	5.4	15'-2"	4.6
(E) Anchor Pivot to Center of Axle	47'-7"	14.5	56'-3"	17.2	60'-2"	18.3	79'-6"	24.1



	95'		110'		125'		150'	
	ft x in	m	ft x in	m	ft x in	m	ft x in	m
<b>TRAVEL SPECIFICATIONS</b>								
(F) Travel Length - Kingpin to Rear	73'-7"	22.4	54'-10"	16.7	64'-9"	19.7	74'-9"	22.7
(G) Travel Height	13'-6"	4.2	14'-1"	4.3	14'-0"	4.3	13'-11"	4.2
Travel Width	11'-7"	3.5	11'-8"	3.5	11'-11"	3.6	11'-11"	3.6
(H) Kingpin to End of Tow Eye	5'-1"	1.6	5'-11"	1.8	6'-0"	1.8	5'-11"	1.8
(I) Kingpin to Axle	50'-11"	15.5	29'-2"	8.9	33'-6"	10.2	49'-6"	15.1
(J) Axle to Head Pulley	22'-8"	6.9	25'-8"	7.9	31'-3"	9.5	25'-3"	7.7
FD Axle Size	FD15	FD15	FD20	FD20	FD40	FD40	FD50	FD50
<b>WEIGHTS</b>								
	lbs	kg	lbs	kg	lbs	kg	lbs	kg
Weight at Axle - 36" Belt Width	17,750	8,051	19,940	9,044	33,000	14,969	34,200	15,513
Weight at Kingpin - 36" Belt Width	4,000	1,814	3,060	1,388	3,500	1,588	10,200	4,627

# STOCKPILE SPECIFICATIONS



	95'		110'		125'		150'	
	ft x in	m	ft x in	m	ft x in	m	ft x in	m
<b>STOCKPILE DIMENSIONS</b>								
(K) Raised Stockpile Height	32'-0"	9.8	37'-0"	11.3	42'-0"	12.8	50'-0"	15.2
(L) Lowered Stockpile Height	12'-4"	3.8	16'-2"	4.9	17'-3"	5.3	13'-8"	4.2
(M) Radius of Pile	41'-1"	12.5	47'-2"	14.4	54'-6"	16.6	61'-8"	18.8
(N) Anchor Pivot to Center of Pile	91'-0"	27.7	104'-6"	31.9	118'-6"	36.2	144'-0"	43.9

Conveyor Length	Stockpile Height		Conical		90°		180°		270°	
	ft x in	m	tons	metric tons	tons	metric tons	tons	metric tons	tons	metric tons
<b>MAXIMUM STOCKPILE CAPACITIES (MANUAL PILES)*</b>										
95'	32'-0"	9.8	3,100	2,800	13,000	11,800	22,800	20,700	32,700	29,700
110'	37'-0"	11.3	4,700	4,300	19,600	17,800	34,500	31,300	49,400	44,800
125'	42'-0"	12.8	6,700	6,100	28,100	25,500	49,600	45,000	71,000	64,400
150'	49'-0"	14.9	11,100	10,100	47,300	42,900	83,500	75,700	119,700	108,600

\* Assumptions based on material which has a 37° angle of repose and 100 PCF (1.6 t/m<sup>3</sup>) material density.