



POWERSTACKER® CONVEYOR

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



FD AXLE



POWER FOLD

Rock Face to Load Out™





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/ FOLD SUPPORT

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/ FOLD SUPPORT



10/ HYDRAULIC CONTROL CENTER

OPTIONS



FD AXLE



HYDRAULIC POWERFOLD



ONBOARD POWER



EXTERRA SFL DUAL



RECEIVING HOPPER



GALVANIZED PAINT



BELT SCALE

PORTABILITY

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

OPERATION

- » Hydraulic Powerfold
- » Hydraulic Raise/Lower

MOBILITY

- » Onboard Power
- » All Wheel Drive
- » 4-Wheel Drive

MAINTENANCE

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

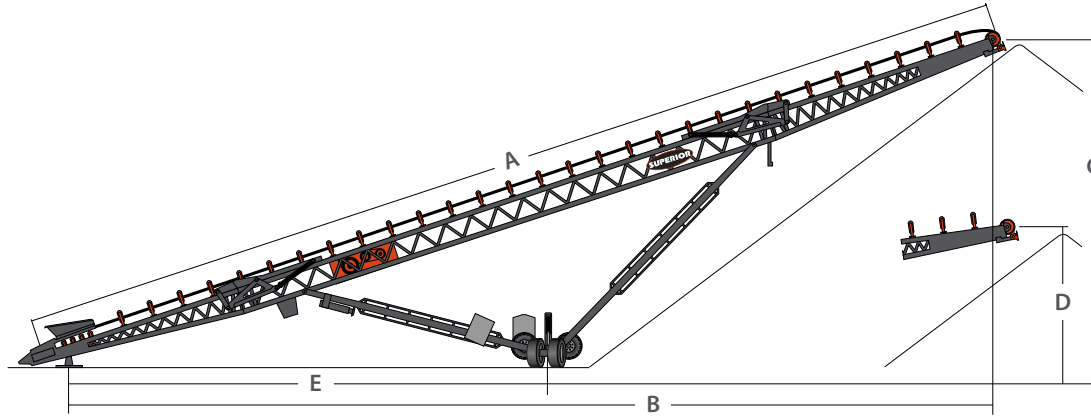
ENVIRONMENT

- » Belt Covers
- » Epoxy Paint
- » Galvanized Paint

OTHER

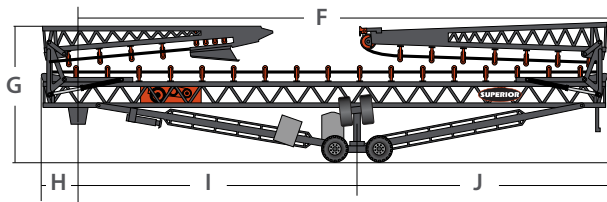
- » Belt Scale
- » Sonicscout™ Material Sensor
- » Anchor Pivot Plate
- » Class II Reducer

SPECIFICATIONS



OPERATING SPECIFICATIONS

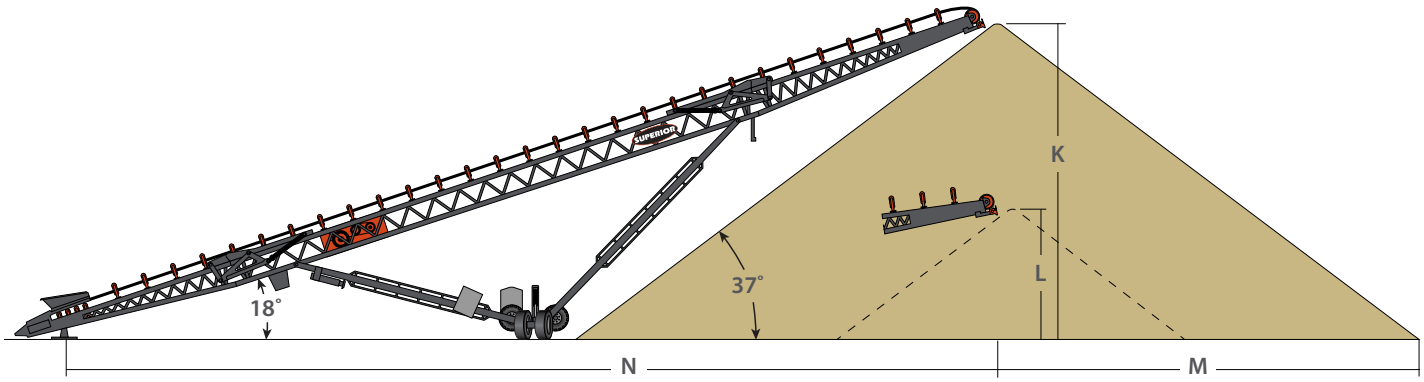
	95'	110'	125'	150'
(A) Conveyor Length (m)	95'-0" (29.0)	110'-0" (33.5)	125'-0" (38.1)	150'-0" (45.7)
(B) Conveyor Ground Length (m)	88'-4" (26.9)	102'-0" (31.1)	118'-11" (36.2)	140'-4" (42.8)
(C) Raised Height to Center of Pulley (m)	32'-3" (9.8)	36'-4" (11.1)	41'-4" (12.6)	48'-0" (14.6)
(D) Lowered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



TRAVEL SPECIFICATIONS

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

STOCKPILE SPECIFICATIONS



STOCKPILE SPECIFICATIONS

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

MAXIMUM STOCKPILE CAPACITIES (MANUAL PILES)*

Conveyor Length	Stockpile Height ft x in (m)	Stockpile Volume in Cubic Yards (m ³)				Stockpile Volume in Tons (MT)			
		Conical	90°	180°	270°	Conical	90°	180°	270°
95'	32'-0" (9.8)	2,300 (1,800)	9,600 (7,300)	16,900 (12,900)	24,200 (18,500)	3,100 (2,800)	13,000 (11,800)	22,800 (20,700)	32,700 (29,700)
110'	37'-0" (11.3)	3,500 (2,700)	14,500 (11,100)	25,600 (19,600)	36,600 (28,000)	4,700 (4,300)	19,600 (17,800)	34,500 (31,300)	49,400 (44,800)
125'	42'-0" (12.8)	4,900 (3,700)	20,800 (16,000)	36,700 (28,100)	52,600 (40,200)	6,700 (6,100)	28,100 (25,500)	49,600 (45,000)	71,000 (64,400)
150'	49'-0" (14.9)	8,200 (6,300)	35,000 (26,800)	61,900 (47,300)	88,700 (67,800)	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/m³) material density.