



PINNACLE[®] CONVEYOR

Setback Axle Allows Stacking Angle of 22° For Higher Capacity Stockpiles



FD AXLE



XTP SWING AXLE

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 and drive from onslaught of damaging fugitive material.

06/ SETBACK AXLE

Creates a 22° incline for higher volume piles without burying the axle.

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.

*XTP Swing Axle model is standard.

FEATURES



02/ RADIAL RECEIVING HOPPER



03/ CHEVRON PULLEY



05/ V-PLOW



06/ SETBACK AXLE



09/ FOLD SUPPORT

Rock Face to Load Out™

OPTIONS



XTP AXLE



HYDRAULIC POWERFOLD



HYDRAULIC RAISE/LOWER



SEALING SYSTEM



RECEIVING HOPPER



BELT SCALE



SONICSCOUT SENSOR

PORTABILITY

- » 4-Wheel Drive (FD Axle)
- » Dual Power Travel (XTP Axle)
- » Hydraulic Axle Jacks (XTP Axle)
- » Tow Eye

OPERATION

- » Hydraulic Powerfold
- » Hydraulic Raise/Lower

MAINTENANCE

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

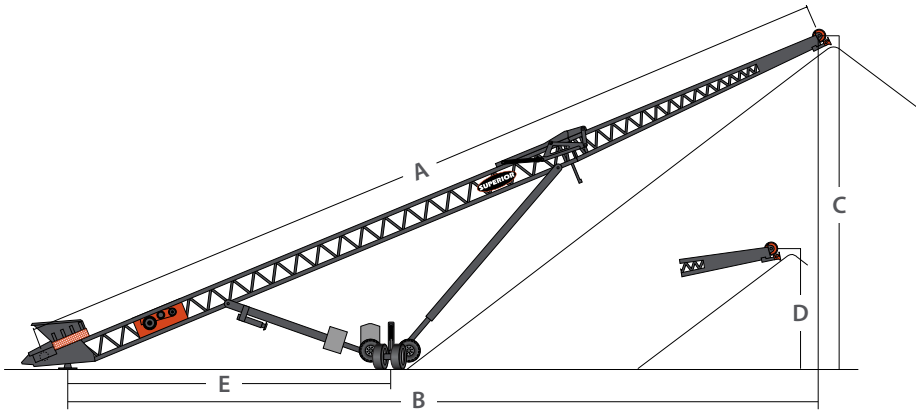
ENVIRONMENT

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

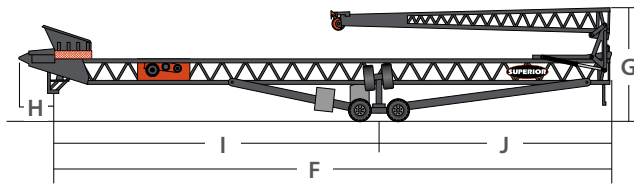
OTHER

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

SPECIFICATIONS

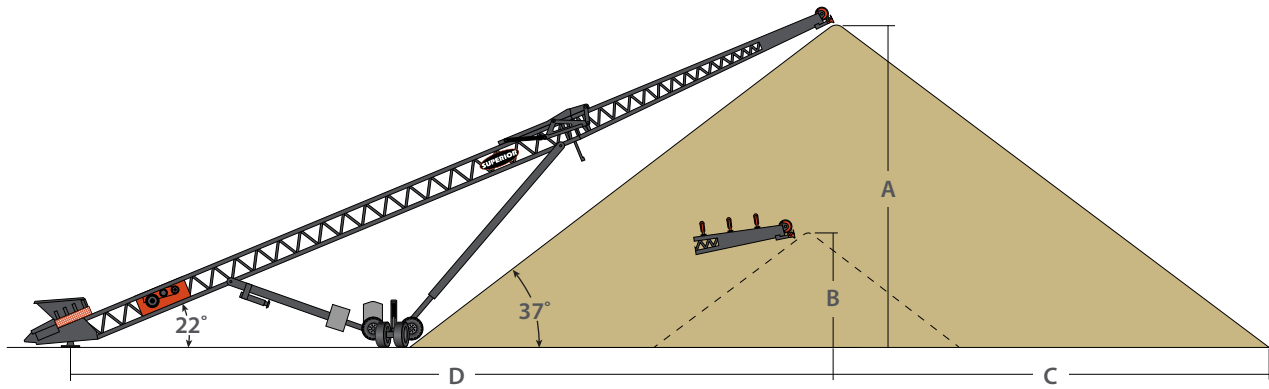


OPERATING DIMENSIONS	80'	100'	125'
(A) Conveyor Length (m)	80'-0" (24.4)	100'-0" (30.5)	125'-0" (38.1)
(B) Conveyor Ground Length (m)	72'-3" (22.0)	91'-8" (27.9)	116'-4" (35.4)
(C) Raised Height to Center of Pulley (m)	32'-5" (9.9)	39'-4" (12.0)	50'-8" (15.4)
(D) Lowered Height to Center of Pulley (m)	18'-1" (5.5)	20'-1" (6.1)	18'-2" (5.4)
(E) Anchor Pivot to Center of Axle (m)	32'-2" (9.8)	39'-4" (11.9)	46'-5" (14.2)



TRAVEL DIMENSIONS	80'	100'	125'
(F) Travel Length - Kingpin to Rear (m)	53'-7" (16.4)	68'-8" (21.0)	84'-2" (25.7)
(G) Travel Height (m)	13'-5" (4.0)	13'-2" (4.0)	13'-11" (4.2)
Travel Width (m)	11'-7" (3.5)	12'-2" (3.7)	11'-6" (3.5)
(H) Kingpin to End of Tow Eye (m)	5'-1" (1.5)	5'-7" (1.7)	5'-6" (1.7)
(I) Kingpin to Axle (m)	34'-7" (10.6)	39'-7" (12.1)	49'-4" (15.1)
(J) Axle to Head Pulley (m)	19'-0" (5.8)	29'-1" (8.9)	34'-10" (10.6)
FD Axle Size	FD15	FD20	FD40
Weight at Axle - 36" Belt Width (kg)	20,000 (9,072)	27,250 (12,360)	39,500 (17,917)
Weight at Kingpin - 36" Belt Width (kg)	6,500 (2,948)	6,300 (2,858)	9,500 (4,309)

STOCKPILE SPECIFICATIONS



STOCKPILE DIMENSIONS

(A) Raised Stockpile Height (m)	33'-0" (10.1)	40'-0" (12.2)	50'-0" (15.2)
(B) Lowered Stockpile Height (m)	18'-1" (5.5)	20'-1" (6.1)	18'-2" (5.5)
(C) Radius of Pile (m)	42'-2" (12.9)	51'-7" (15.8)	66'-5" (20.3)
(D) Anchor Pivot to Center of Pile (m)	74'-6" (22.7)	93'-0" (28.4)	114'-7" (35.0)

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°
80'	33'-0" (10.1)	2,500 (1,900)	8,600 (6,600)	14,900 (11,400)	21,100 (16,100)	3,300 (3,000)	11,700 (10,600)	20,100 (18,200)	28,500 (25,900)
100'	40'-0" (12.2)	4,500 (3,500)	16,300 (12,500)	28,000 (21,400)	39,700 (30,400)	6,100 (5,500)	21,900 (20,000)	37,700 (34,200)	53,600 (48,600)
125'	50'-0" (15.2)	8,500 (6,500)	31,000 (23,700)	52,900 (40,500)	75,000 (57,400)	11,400 (10,300)	41,400 (37,600)	71,400 (64,800)	101,400 (92,000)

* Assumptions based on material which has a 37° angle of repose and 100 PCF (1.6 t/m³) material density.