PINNACLE® CONVEYOR

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

BUILD TALLER STOCKPILES

36" x 125' PINNACLE CONVEYOR

Rock Face to Load Out™

SUPERIOR®

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 and drive from onslaught of damaging fugitive material.

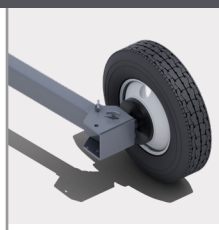
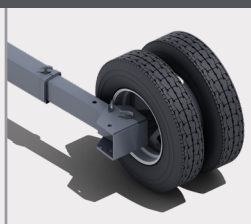
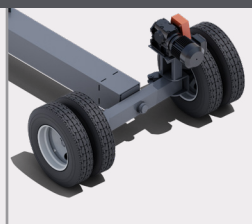
06/ SETBACK AXLE
Creates a 22° incline for higher volume piles without burying axle.

07/ FD AXLE*
Hydraulically transfers stacker from inline to radial mode in seconds.

08/ ENCLOSED POWER TRAVEL
Enclosed planetary drive protected from debris.

09/ HYDRAULIC POWERFOLD
Inverted design protects cylinder rods from debris during operation.

AXLE CONFIGURATIONS

STYLE OF AXLE					
					
Model	**Fixed Width Portable**	**Telescoping Tube**	**XTP Axle**	**Fixed Width Pit Portable**	**FD Axle**
30" x 80'	■	□	□	□	■
36" x 80'	□	■	□	□	■
30" x 100'	□	■	■	■	■
36" x 100'	□	■	■	■	■
36" x 125'	□	■	■	■	■
42" x 125'	□	■	■	■	■

■ Standard ■ Option □ Not Available

FEATURES

02/ RADIAL RECEIVING HOPPER

03/ CHEVRON PULLEY

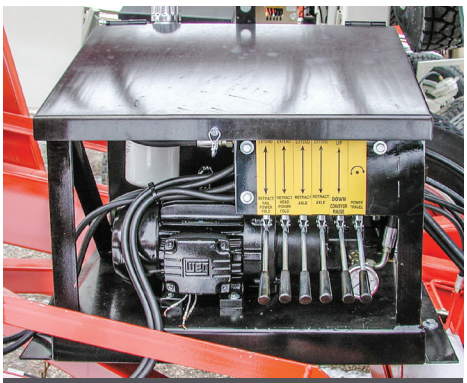
05/ V-PLOW

06/ SETBACK AXLE

FEATURES

XTP AXLE

HYDRAULIC POWERFOLD



HYDRAULIC RAISE/LOWER

SEALING SYSTEM

MODULAR FEED 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

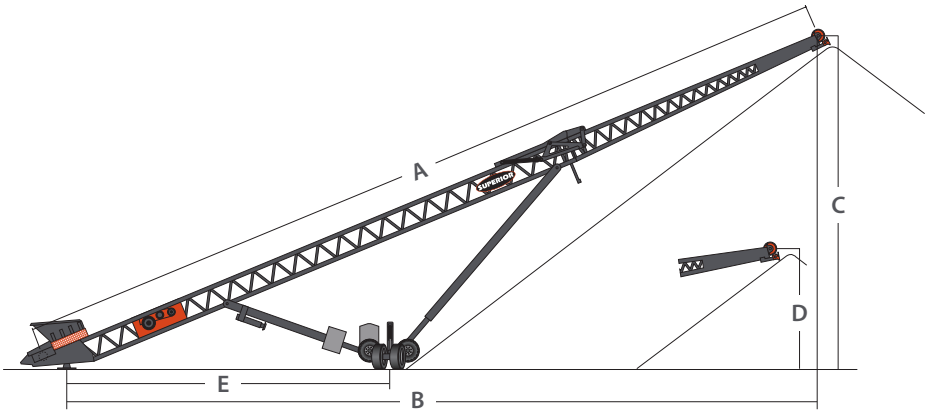
ENVIRONMENT

» Belt Covers
» Epoxy Paint
» Hot Dipped Galvanized Finish

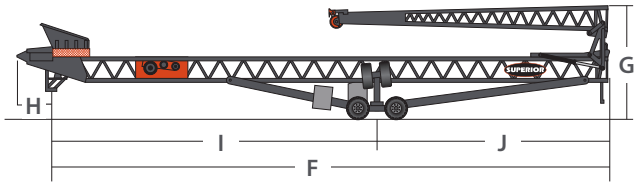
OTHER

» Belt Scale
» Sonicscout™ Material Sensor
» Anchor Pivot Plate
» Class II Reducer
» Vulcanized Belt Splice
» Modular Feed Hopper

SPECIFICATIONS

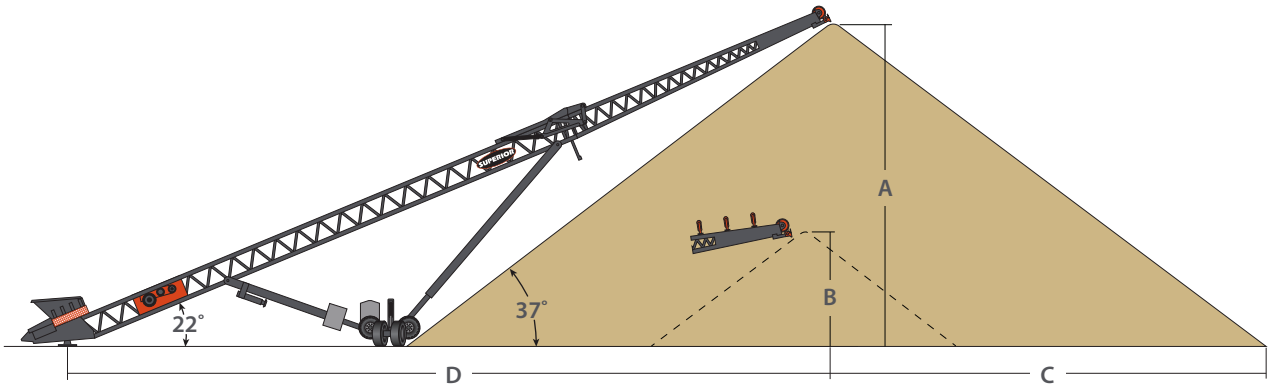


	80′		100′		125′	
	ft x in	m	ft x in	m	ft x in	m
OPERATING SPECIFICATIONS						
(A) Conveyor Length	80′-0″	24.4	100′-0″	30.5	125′-0″	38.1
(B) Conveyor Ground Length	72′-3″	22.0	91′-8″	27.9	116′-4″	35.4
(C) Raised Height to Center of Pulley	32′-5″	9.9	39′-4″	12.0	50′-8″	15.4
(D) Lowered Height to Center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



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

STOCKPILE SPECIFICATIONS



	80′		100′		125′	
	ft x in	m	ft x in	m	ft x in	m
STOCKPILE SPECIFICATIONS						
(A) Raised Stockpile Height	33′-0″	10.1	40′-0″	12.2	50′-0″	15.2
(B) Lowered Stockpile Height	18′-1″	5.5	20′-1″	6.1	18′-2″	5.5
(C) Radius of Pile	42′-2″	12.9	51′-7″	15.8	66′-5″	20.3
(D) Anchor Pivot to Center of Pile	74′-6″	22.7	93′-0″	28.4	114′-7″	35.0

Conveyor Length	Stockpile Height		Conical		90˚		180˚		270˚	
ft	ft x in	m	tons	metric tons	tons	metric tons	tons	metric tons	tons	metric tons
MAXIMUM STOCKPILE CAPACITIES (MANUAL PILES)*										
80′	33′-0″	10.1	3,300	3,000	11,700	10,600	20,100	18,200	28,500	25,900
100′	40′-0″	12.2	6,100	5,500	21,900	20,000	37,700	34,200	53,600	48,600
125′	50′-0″	15.2	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/m^3) material density.