



TELESTACKER® CONVEYOR

Defeat Material Segregation with the World's Best Selling Telescopic Conveyor



AVOID PENALTIES WITH IN-SPEC STOCKPILES

- 01/ Radial travel blends material better than conical piles.
- 02/ Variable height keeps proper mix of coarse and fine materials.
- 03/ Adjustable discharge height eliminates material overrun.
- 04/ Windrow stockpiling blends fine, medium coarse materials.
- 05/ No need to blend material with loader during reclamation.
- 06/ Programmable automation effortlessly controls motion.

Rock Face to Load Out™

 Patented Technology





| | 110' | 130' | 136' | 150' | 158' | 170' | 190' | 210' |
|-----------|------|------|------|------|------|------|------|------|
| 500 TPH | 36" | 30" | | 30" | | 36" | 36" | 36" |
| 800 TPH | 36" | 36" | 36" | 36" | 36" | 36" | 36" | 36" |
| 1,000 TPH | 36" | 36" | 36" | 36" | 36" | 36" | 36" | 36" |
| 1,200 TPH | 42" | 42" | | 42" | 42" | 42" | 42" | |
| 1,500 TPH | 42" | 42" | | 42" | 42" | 42" | 42" | |
| 1,800 TPH | | | | 48" | | 48" | 48" | |
| 2,400 TPH | | | | 48" | | 48" | 48" | |
| 3,200 TPH | | | | 54" | | | | |
| 4,000 TPH | | | | 60" | | 60" | 60" | |
| 5,000 TPH | | | | | | | 72" | |

FEATURES



01/ CHEVRON® PULLEY

Ejects fugitive material for longer lasting pulleys and belting.

02/ SEALING SYSTEM

Maintains tight seal between belt and skirting for spillage free load zone.

03/ EXTERRA® PRIMARY CLEANER

Eliminates unwanted fugitive material on belt.

04/ ULTRASONIC PILE SENSOR

Contact free sensor is not affected by dust or debris.

05/ NAVIGATOR® RETURN TRAINER

Constantly guides and centers belt.

06/ LOAD ROLLERS

Each roller equally shares weight of stinger conveyor.

07/ STINGER SAFETY STOP

Activates in event of cable failure to maintain position of stinger.

08/ SLIDETRACK SYSTEM

Cable support system designed with no catch points and easy maintenance.

09/ FB® UNDERCARRIAGE

Provides maximum undercarriage support for safety and lateral stability.

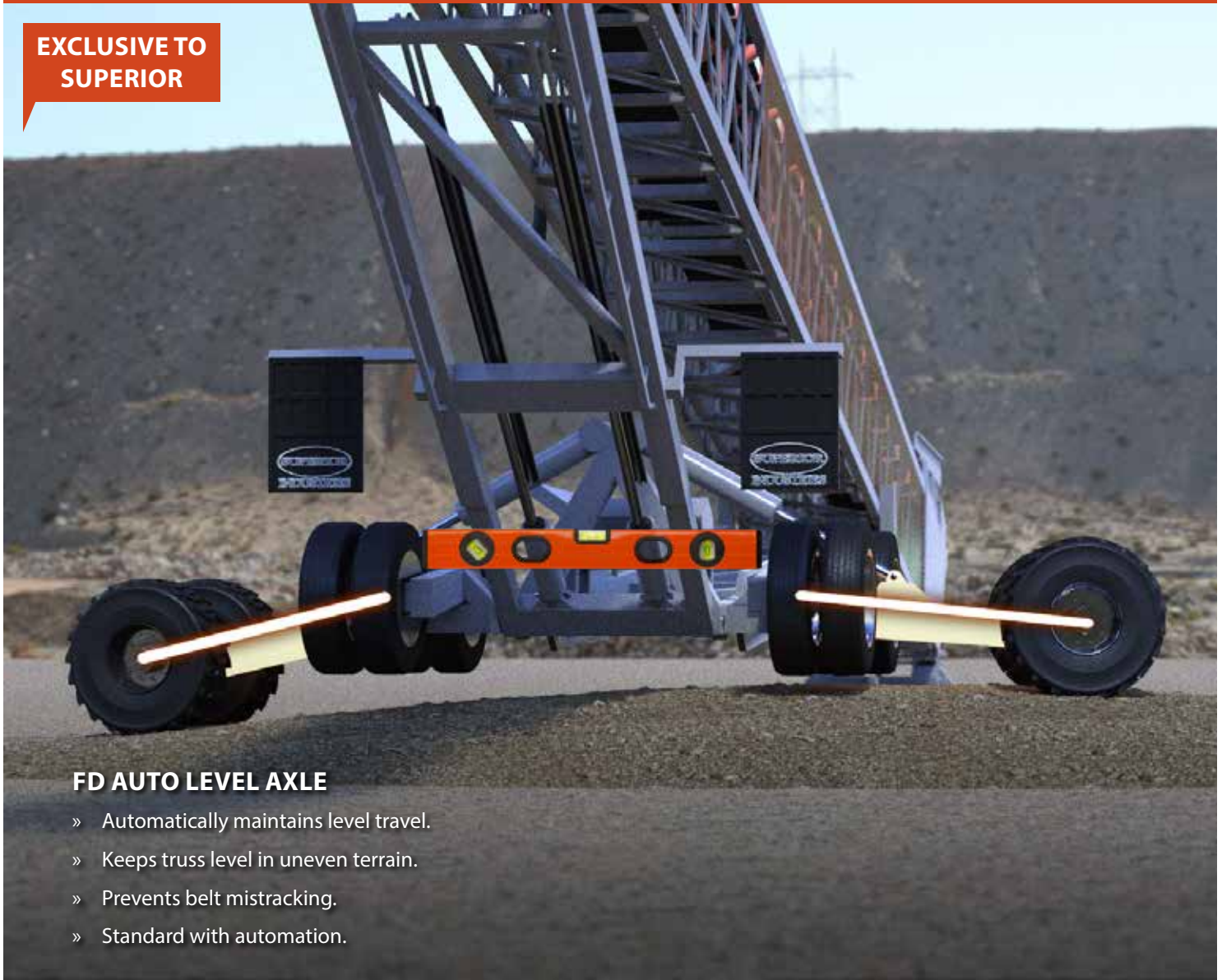
10/ PILEPRO™ AUTOMATION

Designed in-house with clean, easy to understand interface.

11/ ROCK BOX RADIAL HOPPER

Designed for rock-on-rock wear with internal ledge.

EXCLUSIVE TO
SUPERIOR



FD AUTO LEVEL AXLE

- » Automatically maintains level travel.
- » Keeps truss level in uneven terrain.
- » Prevents belt mistracking.
- » Standard with automation.



FD AXLE OPTION



FD AXLE

- » Hydraulically transfers stacker from inline to radial mode in seconds.
- » Invented by Superior in 1994 with more than 800 FD models built since.
- » Enclosed planetary drive is securely protected from damaging debris.
- » Walking beam suspension properly balances conveyor and load.

AXLE CONFIGURATIONS



XTP SWING AXLE OPTION

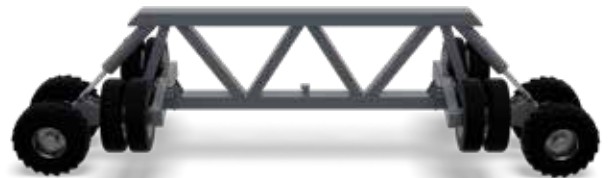


XTP SWING AXLE

- » Pull T-Handle to engage power travel; no chain drive.
- » Physically transfer from road to operation in minutes.
- » Concrete pad provides level runway.
- » Single link arm stays attached to machine; no handling multiple linkages.



PIT PORTABLE AXLE OPTIONS



PIT PORTABLE FD AXLE



PIT PORTABLE AXLE

- » Both made from heavy duty fabricated steel.
- » Both designed for highest capacity, highest tonnage applications.
- » Both designed for towing within the quarry.



HIGHLIGHTS



PILEPRO AUTOMATION

PILEPRO™ AUTOMATION

- » In-house engineers reduce reliance on third parties.
- » Step by step program is easy to setup and understand.
- » Diagnostics screen allows users to quickly pinpoint faults.
- » Proactive maintenance reminders signal upkeep tasks.
- » Volume estimator reports estimated pile tonnage.
- » Save settings for up to four unique pile configurations.



SLIDETRACK SYSTEM

SLIDETRACK SYSTEM

- » No areas for fugitive material to build up.
- » Proven to be more reliable in cold weather.
- » Easy to see and access for maintenance.
- » Retrofit kits for previous model TeleStacker Conveyors.



CAM ROLLERS

LOAD ROLLERS

- » Large diameter rollers support stinger conveyor.
- » Center pivot design supports weight equally on all rollers.
- » Rollers at top and bottom for additional stability.

HIGHLIGHTS



FB UNDERCARRIAGE

FB® UNDERCARRIAGE

- » Designed with more steel for rock solid bracing.
- » Fully-braced inner and outer structures.
- » Perimeter positioning of cylinders increases structural support.



STINGER SAFETY STOP

STINGER SAFETY STOP

- » Continuously monitors cable tension to stinger conveyor.
- » Immediately reacts if breakdown of cable occurs.
- » Spring loaded, mechanical device is field tested and proven.



LOW PROFILE

LOW PROFILE

- » Eliminate reliance on transfer conveyor for loading.
- » Accepts feed directly from portable crushers and screens.
- » Minimize the number of loads in portable spread.
- » Reduce space requirements with less equipment.

FEATURES



HYDRAULIC AXLE JACKS



MOBILE PIVOT BASE



FD AXLE TRACKS



MOXIE ROLLS



URATHON® RETURN ROLL



WALKWAYS



SPRAY BARS



COMPENSATION LINKAGE

PORTABILITY

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

MOBILITY

- » Tracked Mobile Pivot Base
- » Two Wheel Mobile Pivot Base
- » FD Axle Tracks

MAINTENANCE

- » Moxie® Rolls
- » Urathon® Return Roll
- » Self-Aligning Idlers
- » Impact Idlers
- » Auto Greaser
- » Walkways
- » Vulcanized Splice

ENVIRONMENT

- » Mainframe Covers
- » Stinger Conveyor Cover
- » Spray Bars
- » Epoxy Paint
- » Hot Dipped Galvanized Finish
- » Cold Weather Kit

OTHER

- » Compensation Linkage
- » Belt Scale
- » Onboard Counterweight (XTP Axle)
- » Belting Upgrade
- » Wireless Remote Control
- » Dual Power Source
- » Discharge Hood

SAFETY

- » Horn
- » E-Stop
- » Belt Rip Detection
- » Belt Misalignment Detection

PHOTO GALLERY



FD AXLE IN TRANSPORT MODE



EXPERIENCE UP TO 5,000 TPH



SHIP OR BARGE LOADING



SELF-CONTAINED POWER (SEE SPEC SHEET)

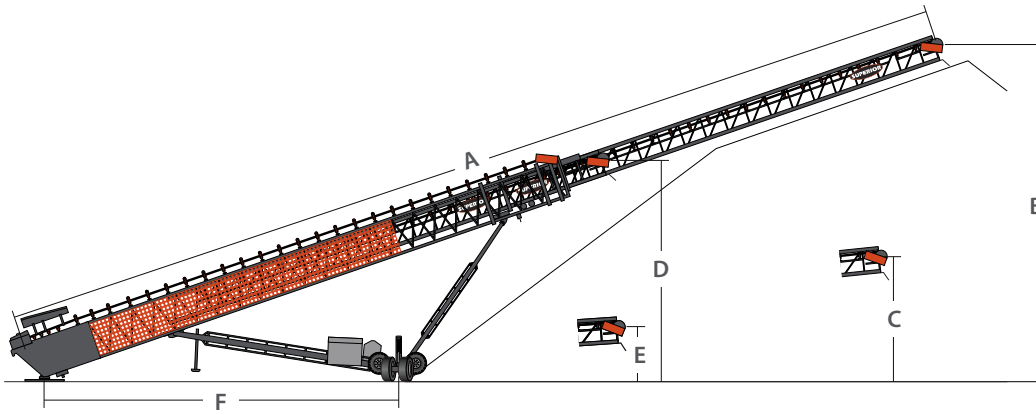


HEAP LEACH MINING

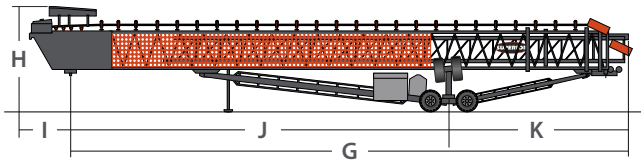


BARGE UNLOADING / DREDGE CAPPING

TSFD SPECIFICATIONS



| | 110' | | 130' | | 136'* | | 140'** | | 150' | | 158'* | |
|--|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|
| | ft x in | m | ft x in | m | ft x in | m | ft x in | m | ft x in | m | ft x in | m |
| FD AXLE (TSFD) OPERATING SPECIFICATIONS | | | | | | | | | | | | |
| (A) Conveyor Length | 110'-0" | 33.5 | 130'-0" | 39.6 | 136'-0" | 41.5 | 140'-0" | 42.2 | 150'-0" | 45.7 | 158'-0" | 48.0 |
| (B) Highest Extended Discharge Height | 41'-3" | 12.6 | 44'-3" | 13.4 | 44'-0" | 13.4 | 46'-3" | 14.4 | 52'-9" | 16.1 | 48'-10" | 14.8 |
| (C) Lowest Extended Discharge Height | 18'-10" | 5.7 | 16'-1" | 4.9 | 18'-6" | 5.6 | 19'-6" | 5.9 | 19'-6" | 5.9 | 19'-6" | 5.9 |
| (D) Highest Retracted Discharge Height | 24'-9" | 7.5 | 26'-1" | 7.9 | 27'-1" | 8.2 | 27'-6" | 8.4 | 30'-10" | 9.4 | 30'-10" | 9.4 |
| (E) Lowest Retracted Discharge Height | 12'-0" | 3.6 | 10'-4" | 3.1 | 12'-8" | 3.8 | 12'-1" | 3.7 | 12'-6" | 3.8 | 12'-4" | 3.7 |
| (F) Anchor Pivot to Center of Axle | 39'-8" | 12.1 | 49'-0" | 15.0 | 55'-4" | 16.9 | 51'-10" | 15.8 | 54'-9" | 16.7 | 70'-11" | 21.6 |

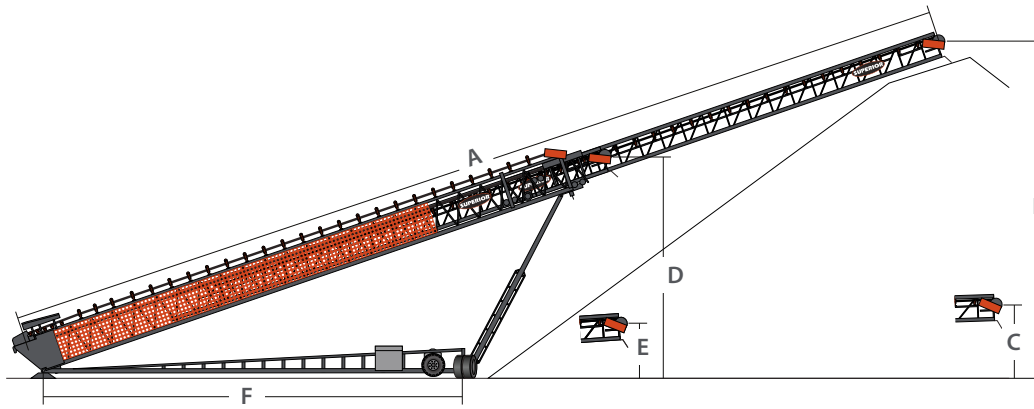


| | 110' | | 130' | | 136'* | | 140'** | | 150' | | 158'* | |
|---|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|
| | ft x in | m | ft x in | m | ft x in | m | ft x in | m | ft x in | m | ft x in | m |
| FD AXLE (TSFD) TRAVEL SPECIFICATIONS | | | | | | | | | | | | |
| (G) Travel Length - Kingpin to Rear | 60'-0" | 18.2 | 70'-0" | 21.3 | 80'-0" | 24.4 | 75'-1" | 22.9 | 80'-0" | 24.4 | 97'-6" | 29.7 |
| (H) Travel Height | 12'-5" | 3.8 | 12'-1" | 3.6 | 13'-0" | 3.9 | 13'-5" | 4.1 | 13'-10" | 4.2 | 14'-0" | 4.3 |
| Travel Width | 11'-11" | 3.6 | 11'-11" | 3.6 | 11'-11" | 3.6 | 11'-9" | 3.6 | 11'-11" | 3.6 | 11'-9" | 3.5 |
| (I) Kingpin to End of Tow Eye | 5'-10" | 1.7 | 5'-10" | 1.7 | 5'-10" | 1.7 | 5'-10" | 1.8 | 5'-11" | 1.8 | 8'-1" | 2.4 |
| (J) Kingpin to Axle | 37'-11" | 11.5 | 47'-7" | 14.5 | 54'-0" | 16.4 | 51'-2" | 15.6 | 53'-10" | 16.4 | 70'-0" | 21.3 |
| (K) Axle to Head Pulley | 22'-0" | 6.7 | 21'-5" | 6.5 | 25'-6" | 7.7 | 23'-11" | 7.3 | 26'-1" | 7.9 | 27'-6" | 8.3 |
| FD Axle Size | FD40 | | FD40 | | FD40 | | FD40 | | FD50 | | FD50 | |

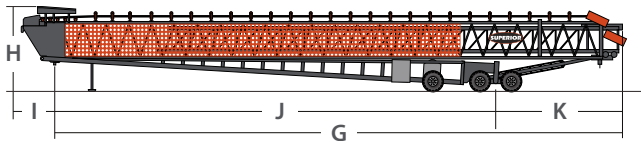
| WEIGHTS | | | | | | | | | | | | |
|------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg |
| Weight at Axle - 36" Belt Width | 30,500 | 13,830 | 34,800 | 15,785 | 36,000 | 16,329 | 38,000 | 17,236 | 40,000 | 18,144 | 53,200 | 24,131 |
| Weight at Kingpin - 36" Belt Width | 12,500 | 5,670 | 18,300 | 8,300 | 13,000 | 5,897 | 20,000 | 9,071 | 24,600 | 11,158 | 16,000 | 7,257 |

* Low profile model. ** Design optimized for container shipment.

TSSA SPECIFICATIONS



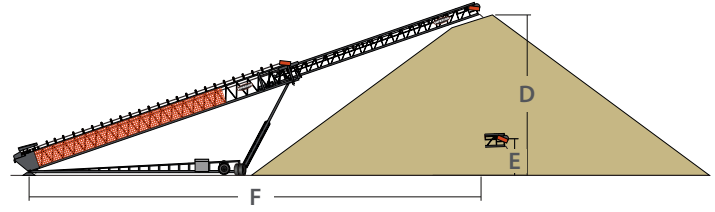
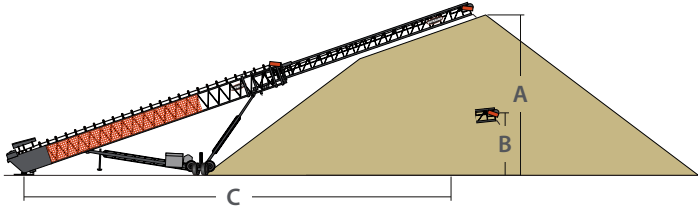
| | 130' | | 150' | | 170' | | 185'*** | | 190' | | 210'* | |
|---|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|
| | ft x in | m | ft x in | m | ft x in | m | ft x in | m | ft x in | m | ft x in | m |
| XTP SWING AXLE (TSSA) OPERATING SPECIFICATIONS | | | | | | | | | | | | |
| (A) Conveyor Length | 130'-0" | 39.6 | 150'-0" | 45.7 | 170'-0" | 51.8 | 185'-0" | 56.2 | 190'-0" | 57.9 | 210'-0" | 64.0 |
| (B) Highest Extended Discharge Height | 44'-4" | 13.5 | 52'-6" | 16.0 | 61'-0" | 18.5 | 64'-11" | 19.8 | 67'-8" | 20.5 | 71'-8" | 21.8 |
| (C) Lowest Extended Discharge Height | 14'-2" | 4.3 | 15'-10" | 4.8 | 14'-11" | 4.5 | 15'-9" | 4.8 | 16'-1" | 5.0 | 16'-11" | 5.2 |
| (D) Highest Retracted Discharge Height | 26'-5" | 8.0 | 31'-3" | 9.5 | 38'-6" | 11.0 | 38'-4" | 11.7 | 38'-7" | 11.0 | 41'-2" | 12.5 |
| (E) Lowest Retracted Discharge Height | 9'-7" | 2.9 | 10'-9" | 3.2 | 10'-8" | 3.2 | 10'-10" | 3.3 | 10'-9" | 3.2 | 11'-4" | 3.5 |
| (F) Anchor Pivot to Center of Axle | 48'-6" | 14.5 | 56'-4" | 17.0 | 73'-10" | 22.5 | 73'-5" | 22.4 | 73'-10" | 22.5 | 81'-11" | 25.0 |



| | 130' | | 150' | | 170' | | 185'*** | | 190' | | 210'* | |
|--|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|---------|
| | ft x in | m | ft x in | m | ft x in | m | ft x in | m | ft x in | m | ft x in | m |
| XTP SWING AXLE (TSSA) TRAVEL SPECIFICATIONS | | | | | | | | | | | | |
| (G) Travel Length - Kingpin to Rear | 69'-9" | 21.2 | 80'-0" | 24.3 | 100'-0" | 30.5 | 99'-8" | 30.4 | 100'-1" | 30.5 | 113'-1" | 34.5 |
| (H) Travel Height | 12'-7" | 3.8 | 13'-9" | 4.2 | 13'-9" | 4.2 | 15'-9" | 4.8 | 14'-0" | 4.2 | 14'-8" | 4.5 |
| Travel Width | 11'-11" | 3.6 | 11'-11" | 3.6 | 11'-11" | 3.6 | 12'-1" | 3.7 | 11'-11" | 3.6 | 11'-11" | 3.6 |
| (I) Kingpin to End of Tow Eye | 6'-6" | 2.0 | 6'-6" | 2.0 | 6'-6" | 2.0 | 5'-10" | 1.8 | 6'-6" | 2.0 | 6'-6" | 2.0 |
| (J) Kingpin to Axle | 52'-3" | 15.9 | 59'-9" | 18.2 | 77'-3" | 23.5 | 77'-1" | 23.5 | 77'-3" | 23.5 | 85'-6"* | 26.0* |
| (K) Axle to Head Pulley | 17'-5" | 5.3 | 20'-4" | 6.1 | 22'-10" | 6.9 | 22'-7" | 6.9 | 22'-10" | 6.9 | 27'-7"* | 8.4* |
| WEIGHTS | | | | | | | | | | | | |
| | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg |
| Weight at Axle - 36" Belt Width | 34,400 | 15,605 | 38,000 | 17,235 | 46,000 | 20,865 | 49,000 | 22,226 | 47,000 | 21,318 | 66,700* | 30,255* |
| Weight at Kingpin - 36" Belt Width | 19,500 | 8,845 | 18,550 | 8,414 | 20,865 | 9,464 | 26,000 | 11,793 | 22,500 | 10,205 | 35,700* | 16,194* |

* Contact Superior Industries for additional shipping information. ** Design optimized for container shipment.

STOCKPILE SPECIFICATIONS



TSFD STOCKPILE

TSSA STOCKPILE

| | 110' | | 130' | | 136' | | 140' | | 150' | | 158' | |
|------------------------------------|---------|------|----------|------|---------|------|----------|------|---------|------|---------|------|
| | ft x in | m | ft x in | m | ft x in | m | ft x in | m | ft x in | m | ft x in | m |
| STOCKPILE DIMENSIONS (TSFD) | | | | | | | | | | | | |
| (A) Maximum Pile Height | 39'-2" | 11.9 | 43'-0" | 13.1 | 43'-2" | 13.1 | 45'-3" | 13.8 | 50'-0" | 15.2 | 47'-3" | 14.4 |
| (B) Lowered Stockpile Height | 15'-6" | 4.7 | 15'-10" | 4.8 | 14'-9" | 4.5 | 17'-4" | 5.3 | 16'-7" | 5.0 | 18'-10" | 5.7 |
| (C) Anchor Pivot to Center of Pile | 101'-1" | 30.8 | 116'-11" | 35.6 | 120'-2" | 36.6 | 129'-11" | 39.6 | 132'-6" | 40.3 | 146'-4" | 44.6 |
| * Low Profile Model | | | | | | | | | | | | |
| | 130' | | 150' | | 170' | | 185' | | 190' | | 210' | |
| | ft x in | m | ft x in | m | ft x in | m | ft x in | m | ft x in | m | ft x in | m |
| STOCKPILE DIMENSIONS (TSSA) | | | | | | | | | | | | |
| (D) Maximum Pile Height | 44'-5" | 13.5 | 50'-0" | 15.2 | 58'-3" | 17.7 | 63'-3" | 19.3 | 66'-1" | 20.1 | 69'-2" | 21.1 |
| (E) Lowered Stockpile Height | 11'-5" | 3.4 | 12'-10" | 3.9 | 11'-11" | 3.6 | 13'-9" | 4.2 | 14'-3" | 4.3 | 16'-11" | 5.2 |
| (F) Anchor Pivot to Center of Pile | 116'-2" | 35.4 | 134'-5" | 40.9 | 157'-6" | 48.0 | 176'-2" | 53.7 | 171'-7" | 52.2 | 189'-3" | 57.6 |

| 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)* | | | | | | | | | | | |
| 110 TSFD | 39'-0" | 11.8 | 6,600 | 6,000 | 26,600 | 24,100 | 46,500 | 42,200 | 66,500 | 60,300 | |
| 130 TSFD | 42'-0" | 12.8 | 8,400 | 7,600 | 36,800 | 33,400 | 65,200 | 59,100 | 93,600 | 84,900 | |
| 130 TSSA | 45'-6" | 13.8 | 9,000 | 8,200 | 37,400 | 34,000 | 65,800 | 59,600 | 94,200 | 85,500 | |
| 136 TSFD-LP | 41'-6" | 12.6 | 9,300 | 8,400 | 40,600 | 36,800 | 71,900 | 65,200 | 103,200 | 93,600 | |
| 140 TSFD | 45'-3" | 13.8 | 10,315 | 9,360 | 42,330 | 38,400 | 74,340 | 67,440 | 106,440 | 96,560 | |
| 150 TSFD | 50'-0" | 15.2 | 12,600 | 11,400 | 55,300 | 50,200 | 98,100 | 89,000 | 140,800 | 127,700 | |
| 150 TSSA | 50'-0" | 15.2 | 12,400 | 11,200 | 54,100 | 49,000 | 95,900 | 87,000 | 137,700 | 124,900 | |
| 158 TSFD-LP | 47'-0" | 14.3 | 13,100 | 11,900 | 55,200 | 50,100 | 97,500 | 88,400 | 139,700 | 126,800 | |
| 170 TSSA | 58'-0" | 17.6 | 17,500 | 15,900 | 75,800 | 68,800 | 134,000 | 121,600 | 192,300 | 174,500 | |
| 185 TSSA | 63'-3" | 19.3 | 26,630 | 24,160 | 109,000 | 98,880 | 191,360 | 173,600 | 273,725 | 248,320 | |
| 190 TSSA | 66'-0" | 20.1 | 25,300 | 23,000 | 111,100 | 100,800 | 196,800 | 178,500 | 282,600 | 256,400 | |
| 210 TSPP | 70'-3" | 21.4 | 36,825 | 28,154 | 156,050 | 119,308 | 275,275 | 210,462 | 395,500 | 302,381 | |

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