

# ENCLOSED BELT CONVEYOR

## Innovative Design Reduces Maintenance

Maintenance-friendly, easy-access pivoting idlers

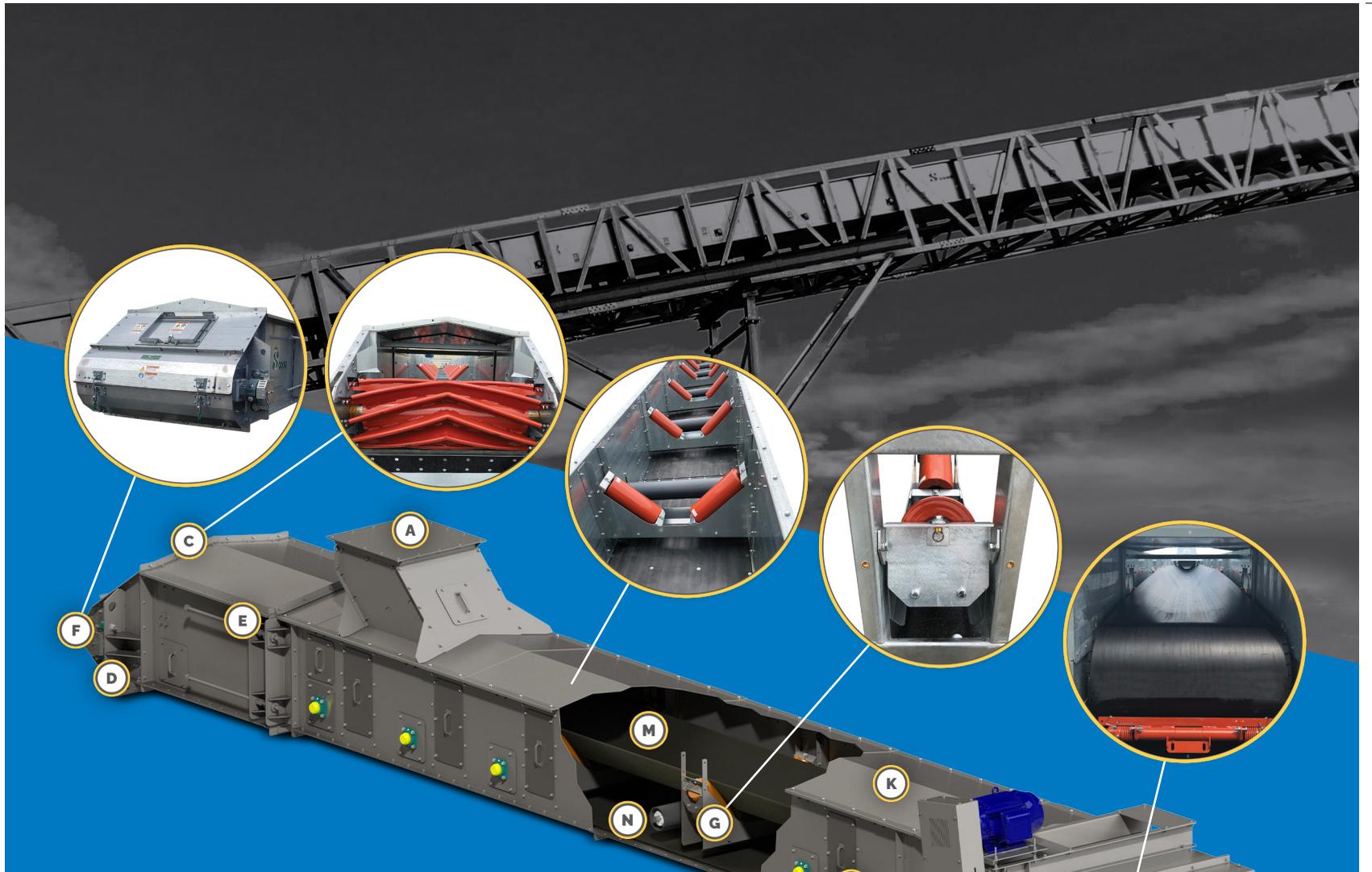
Minimizes dust emissions & loss of product

Self-cleaning tail & belt scraper standard

Built to last, constructed with G140 USA prime steel

**SWEET**

MATERIAL HANDLING



# ENCLOSED BELT CONVEYOR

Sweet® Enclosed Belt Conveyors are offered in belt widths from 24" through 60". The fully-enclosed conveyor features a self-cleaning tail, heavy-duty sealed-for-life CEMA C6 idlers, and auxiliary belt alignment rollers. The hip roof allows snow and rain to easily slide off. A lined inlet chute, ¼" fully-lined polyurethane discharge transition, and 3/8" anti-static UHMW bottom liners are all standard. Available in stainless steel.

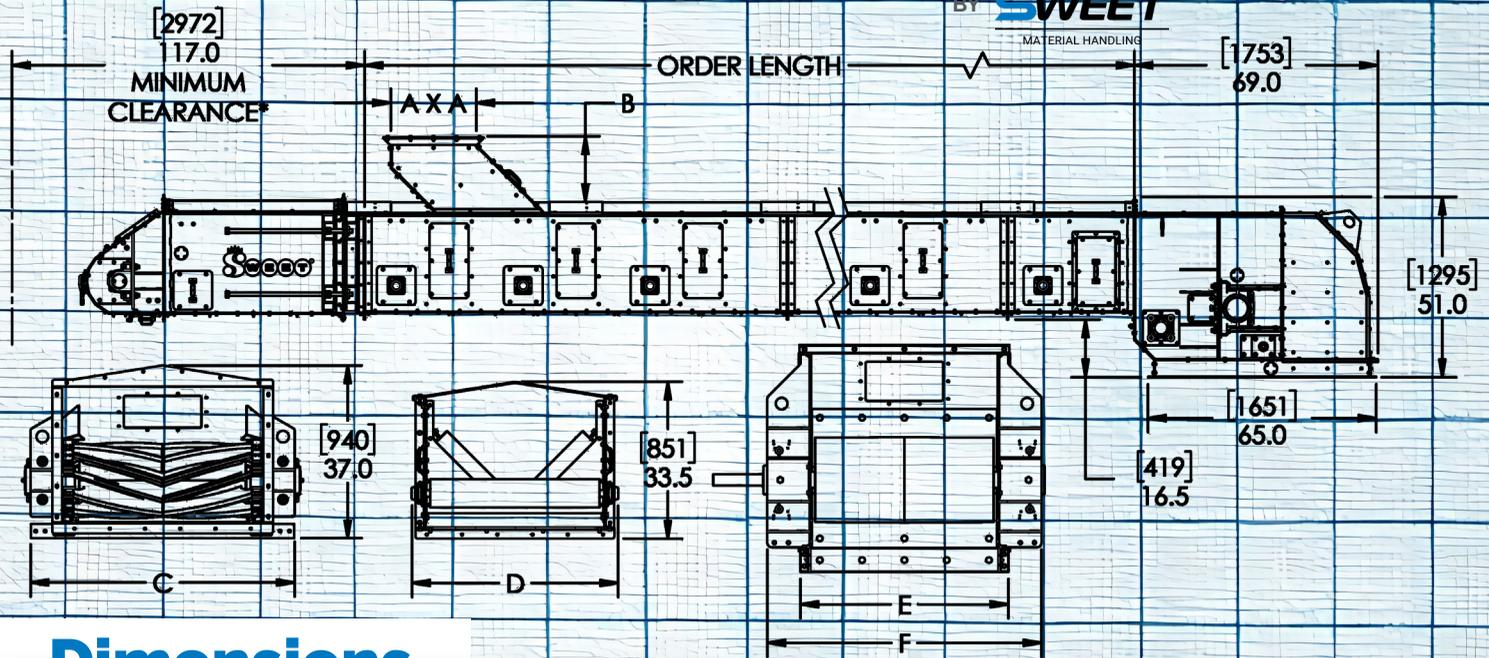
- A Inlet Chute**  
¼" fully-lined polyurethane standard.  
Optional liners: AR 400, urethane ceramic chip, or ceramic tile.
- B Discharge Transition**  
¼" fully-lined polyurethane standard.  
Optional liners: AR 400, urethane ceramic chip, or ceramic tile.
- C Wing Pulley with Access Door**  
V-shaped Chevron wing pulley features reclaim flaps for better cleanout in the tail.
- D Tail Support Rail (Optional)**
- E ACME Screw Take-Ups**
- F Telescoping Tail**  
Features an easy access tail clean-out door.
- G Idler Support and Tilting System**  
Heavy-duty CEMA 6 Idler, 45-degree and sealed for life.
- H Belt Scraper**  
Cleans belt, reducing carryover towards tail.
- I Lip Seal**
- J Head Inspection Door**
- K Hip Roof**  
Allows snow and rain to easily slide off.
- L Maintenance Door**  
Easy-access to pivoting idlers with a simple tilting system for ease of maintenance.
- M Belt**
- N Horizontal Carrying Belt Pulley**  
For belt longevity and gentle handling.

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## Dimensions

Belt Size	A	B	C	D	E	F
24"	16.0" [406]	10.0" [254]	44.0" [1118]	34.0" [864]	32.0" [813]	46.0" [1168]
30"	20.0" [508]	13.5" [343]	50.0" [1270]	40.0" [1016]	38.0" [965]	52.0" [1321]
36"	24.0" [610]	18.5" [470]	56.0" [1422]	44.0" [1118]	44.0" [1118]	58.0" [1473]
42"	28.0" [711]	21.5" [546]	62.0" [1575]	50.0" [1270]	50.0" [1270]	64.0" [1626]
48"	32.0" [813]	23.0" [584]	69.0" [1753]	58.0" [1473]	57.0" [1448]	71.0" [1803]
54"	36.0" [914]	24.5" [622]	75.0" [1905]	64.0" [1626]	63.0" [1600]	77.0" [1956]
60"	36.0" [914]	30.0" [762]	81.0" [2057]	70.0" [1778]	69.0" [1753]	83.0" [2108]

Based on 24" take-up. Dimensions to the nearest 1/2". [ ] denotes dimensions in millimeters.

## Capacities

Belt	300 FPM (1.5 m/s)	350 FPM (1.8 m/s)	400 FPM (2.0 m/s)	450 FPM (2.3 m/s)	500 FPM (2.5 m/s)	550 FPM (2.8 m/s)	600 FPM (3.0 m/s)	650 FPM (3.3 m/s)	700 FPM (3.5 m/s)
24"	5598 BPH 152 MTPH	6531 BPH 177 MTPH	7464 BPH 202 MTPH	8396 BPH 228 MTPH	9329 BPH 253 MTPH	10262 BPH 278 MTPH	11195 BPH 303 MTPH	12128 BPH 329 MTPH	13061 BPH 354 MTPH
30"	8838 BPH 240 MTPH	10311 BPH 279 MTPH	11783 BPH 319 MTPH	13256 BPH 359 MTPH	14729 BPH 399 MTPH	16202 BPH 439 MTPH	17675 BPH 479 MTPH	19148 BPH 519 MTPH	20621 BPH 559 MTPH
36"	13943 BPH 378 MTPH	16267 BPH 441 MTPH	18591 BPH 504 MTPH	20915 BPH 567 MTPH	23239 BPH 630 MTPH	25563 BPH 693 MTPH	27887 BPH 756 MTPH	30211 BPH 819 MTPH	32535 BPH 882 MTPH
42"	18341 BPH 497 MTPH	21397 BPH 580 MTPH	24454 BPH 663 MTPH	27511 BPH 746 MTPH	30568 BPH 828 MTPH	33624 BPH 911 MTPH	36681 BPH 994 MTPH	39738 BPH 1077 MTPH	42795 BPH 1160 MTPH
48"	22709 BPH 615 MTPH	26494 BPH 718 MTPH	30278 BPH 821 MTPH	34063 BPH 923 MTPH	37848 BPH 1026 MTPH	41633 BPH 1128 MTPH	45417 BPH 1231 MTPH	49202 BPH 1334 MTPH	52987 BPH 1436 MTPH
54"	27323 BPH 741 MTPH	31877 BPH 864 MTPH	36430 BPH 987 MTPH	40984 BPH 1,111 MTPH	45538 BPH 1234 MTPH	50092 BPH 1358 MTPH	54646 BPH 1481 MTPH	59199 BPH 1604 MTPH	63753 BPH 1728 MTPH
60"	30997 BPH 840 MTPH	36163 BPH 980 MTPH	41329 BPH 1120 MTPH	46495 BPH 1260 MTPH	51661 BPH 1400 MTPH	56827 BPH 1540 MTPH	61993 BPH 1680 MTPH	67159 BPH 1820 MTPH	72326 BPH 1960 MTPH

Based on 48 PCF material @ 10° surcharge angle

# SWEET

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[sweetmfg.com](http://sweetmfg.com)



## MADE IN AMERICA

ONE OF THE COUNTLESS REASONS WHY IT'S SWEET®.

An extraordinary customer experience.

Innovative product solutions made with all galvanized construction with G140 USA prime steel and premium components.

