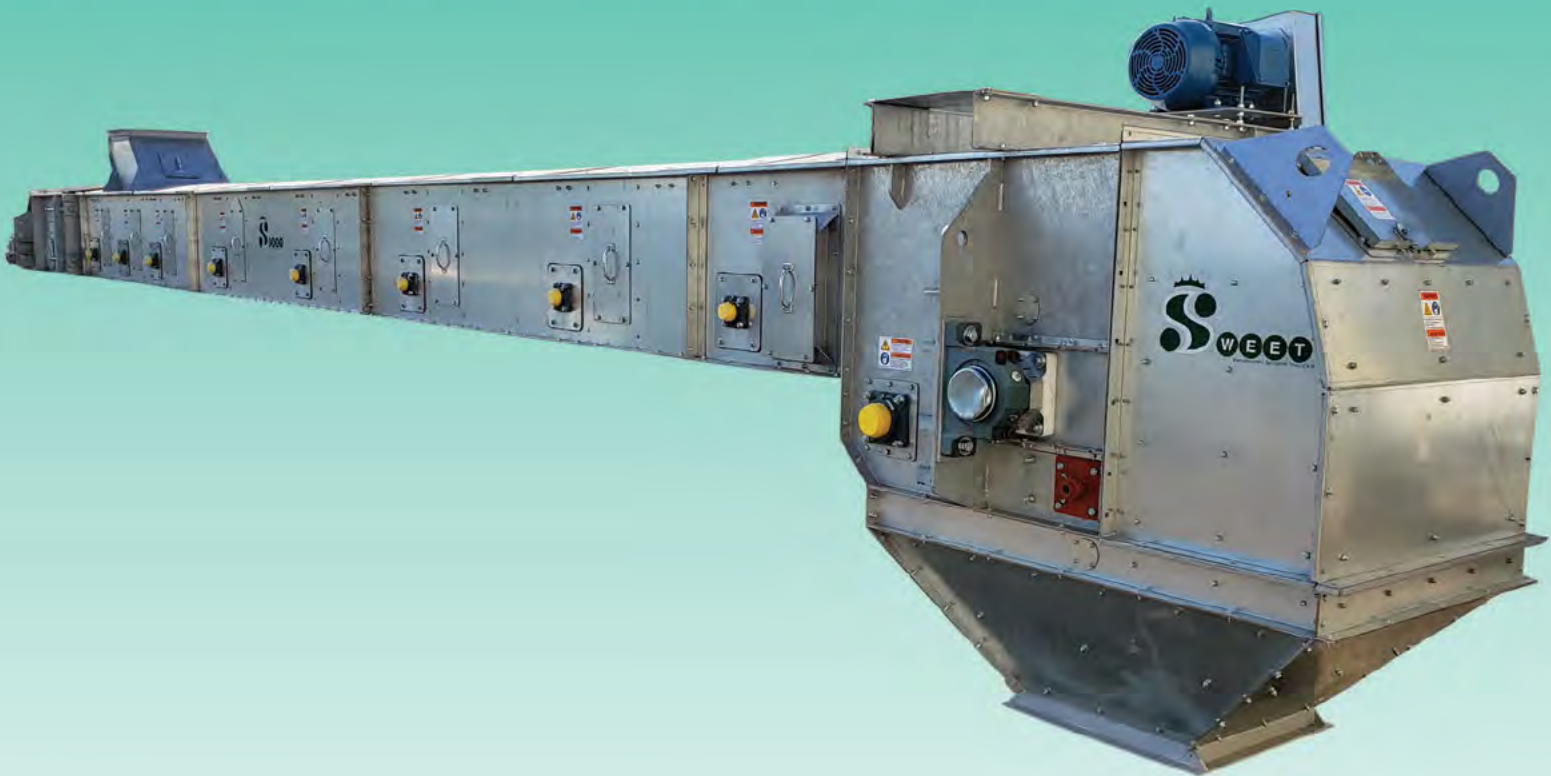




ENCLOSED BELT CONVEYOR

Innovative design reduces maintenance, increases efficiency

Designed for capacities up to 72,000BPH, 1,960MTPH and 2,160TPH



PREMIUM MATERIAL
HANDLING EQUIPMENT
SINCE 1955.



ENCLOSED BELT CONVEYOR BY SWEET

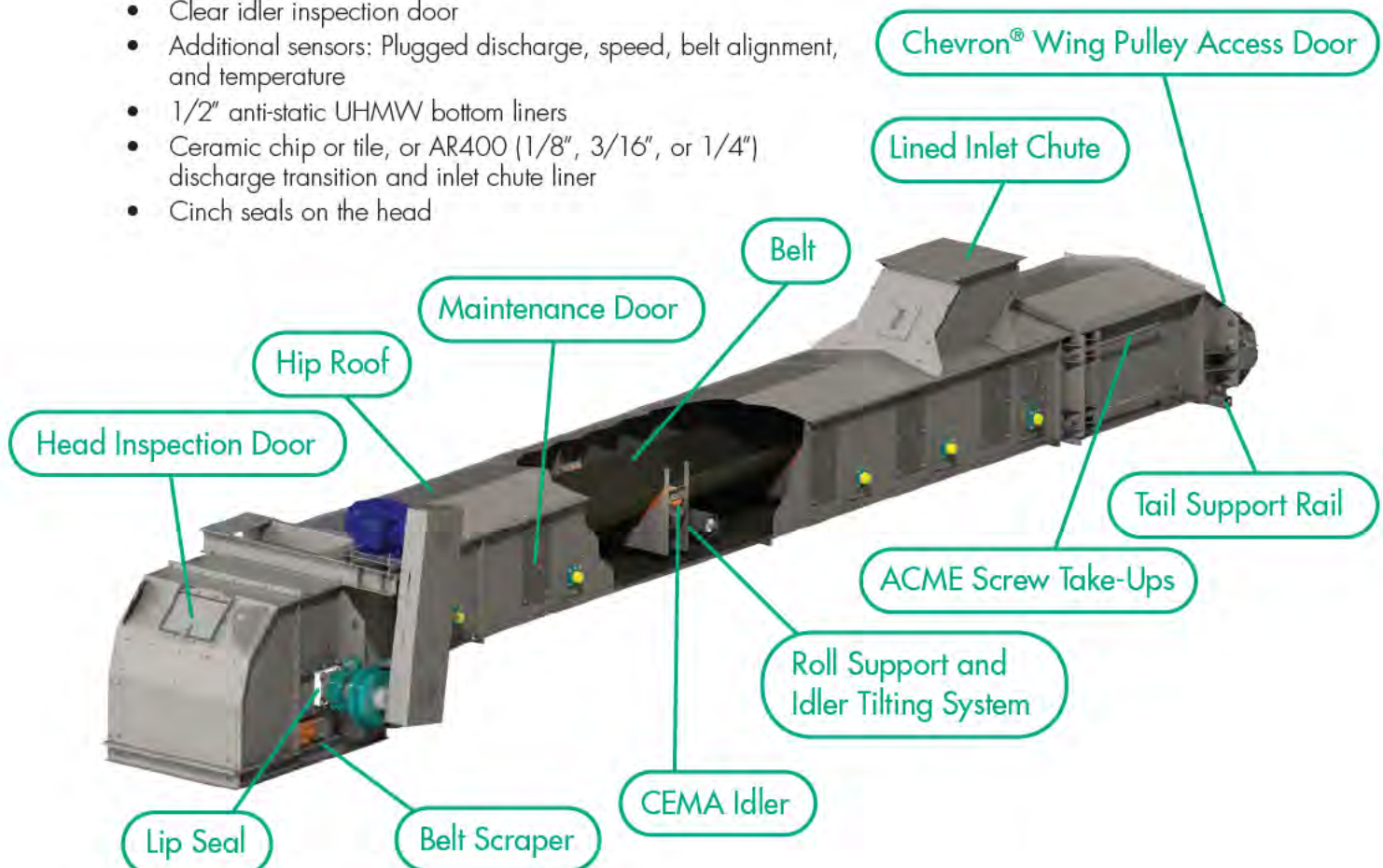
The Sweet® Enclosed Belt Conveyor (EBC) performance enhancing features:

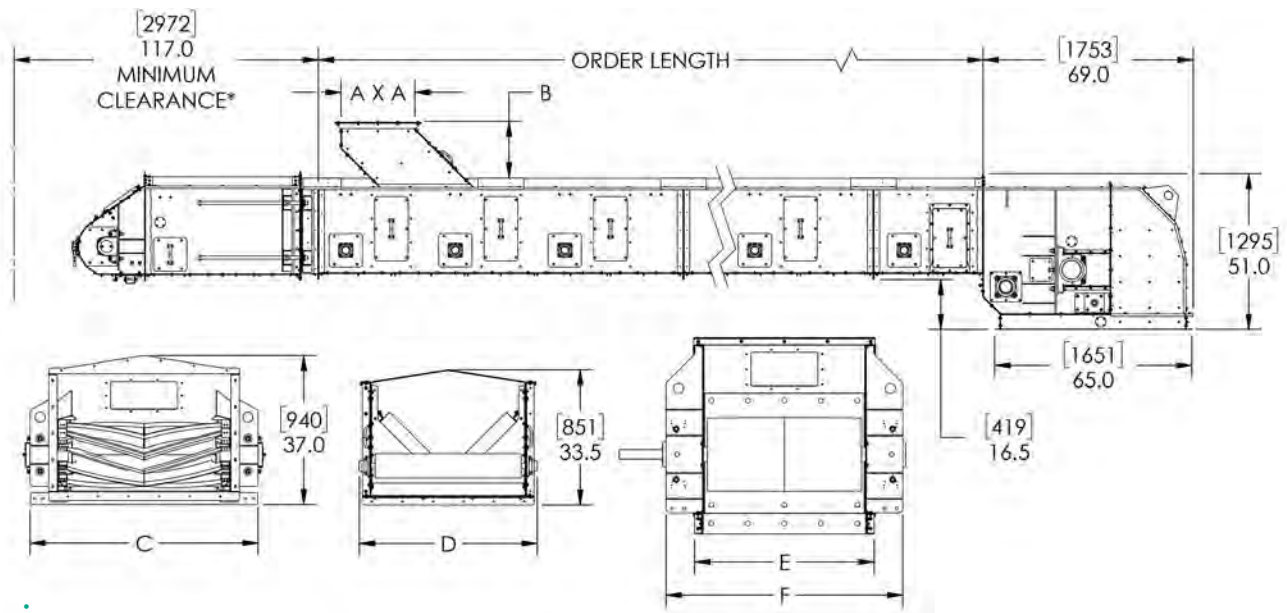
- Fully-enclosed design with self-cleaning tail & auxiliary belt alignment rollers
- Hip roof to allow snow and rain to easily slide off
- Heavy-duty 45-degree sealed-for-life CEMA C6 idler
- Innovative roller support to hold idler in place
- Easy-access hinged idler with simple tilting system for ease of maintenance
- Simple and unique modular design with built-in sensor ports
- Guards on all shafts
- Belt scraper in the head cleans the belt, reducing carryover towards the tail
- Snub pulley is standard for optimum belt traction
- Chevron® wing pulley with reclaim flaps for better cleanout in the tail
- 3/8" anti-static UHMW bottom liners
- Lined inlet chute and 1/4" fully-lined polyurethane discharge transition
- Lip seals standard on head and tail
- U.S. prime G140 galvanized steel is standard



Options:

- Extra standard inlets
- Gear motor drive
- Clear idler inspection door
- Additional sensors: Plugged discharge, speed, belt alignment, and temperature
- 1/2" anti-static UHMW bottom liners
- Ceramic chip or tile, or AR400 (1/8", 3/16", or 1/4") discharge transition and inlet chute liner
- Cinch seals on the head





Dimensions

Belt	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]

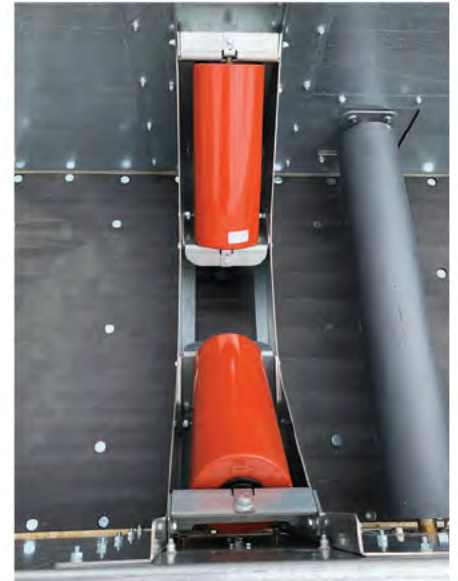
*Based on 24" take-up. Dimensions to the nearest 1/2". [] denotes dimensions in millimeters.

Capacities

Belt Speed (FPM)

Belt		300	350	400	450	500	550	600	650	700
24"	BPH	5598	6531	7464	8396	9329	10262	11195	12128	13061
	TPH	167	195	223	251	279	307	334	362	390
	MTPH	152	177	202	228	253	278	303	329	354
30"	BPH	8838	10311	11783	13256	14729	16202	17675	19148	20621
	TPH	264	308	352	396	440	484	528	572	616
	MTPH	240	279	319	359	399	439	479	519	559
36"	BPH	13943	16267	18591	20915	23239	25563	27887	30211	32535
	TPH	416	486	555	625	694	763	833	902	972
	MTPH	378	441	504	567	630	693	756	819	882
42"	BPH	18341	21397	24454	27511	30568	33624	36681	39738	42795
	TPH	548	639	730	822	913	1004	1096	1187	1278
	MTPH	497	580	663	746	828	911	994	1077	1160
48"	BPH	22709	26494	30278	34063	37848	41633	45417	49202	52987
	TPH	678	791	904	1017	1130	1243	1356	1470	1583
	MTPH	615	718	821	923	1026	1128	1231	1334	1436
54"	BPH	27323	31877	36430	40984	45538	50092	54646	59199	63753
	TPH	816	952	1088	1224	1360	1496	1632	1768	1904
	MTPH	741	864	987	1111	1234	1358	1481	1604	1728
60"	BPH	30997	36163	41329	46495	51661	56827	61993	67159	72326
	TPH	926	1080	1234	1389	1543	1697	1852	2006	2160
	MTPH	840	980	1120	1260	1400	1540	1680	1820	1960

Based on 48 pcf material @ 10° surcharge angle.



Other Products Available from Sweet:

Silver-Sweet® Bucket Elevators, Silver Span® Catwalk, Goliath® Towers, Flite-Veyor® Flat Bottom Drag Conveyors, Flite-Veyor® Incline Flat Bottom Drag Conveyors, Flite-Veyor® Round Bottom Drag Conveyors, Formed Channel Belt Conveyors, Quick-Key® Spool Belt Conveyors and CalorMatic® Heat Processors.



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