

SBC

Slider Bed Curve Conveyor

The model SBC provides a positive flow of products by means of a belt, driven by tapered pulleys. Conveyor is versatile and can transport a wide variety of products. Available in 45-, 60-, and 90-degree turns.

- 9 Belt Widths
- Endless Splice Belt
- Quick Belt Change
- Full Length Window

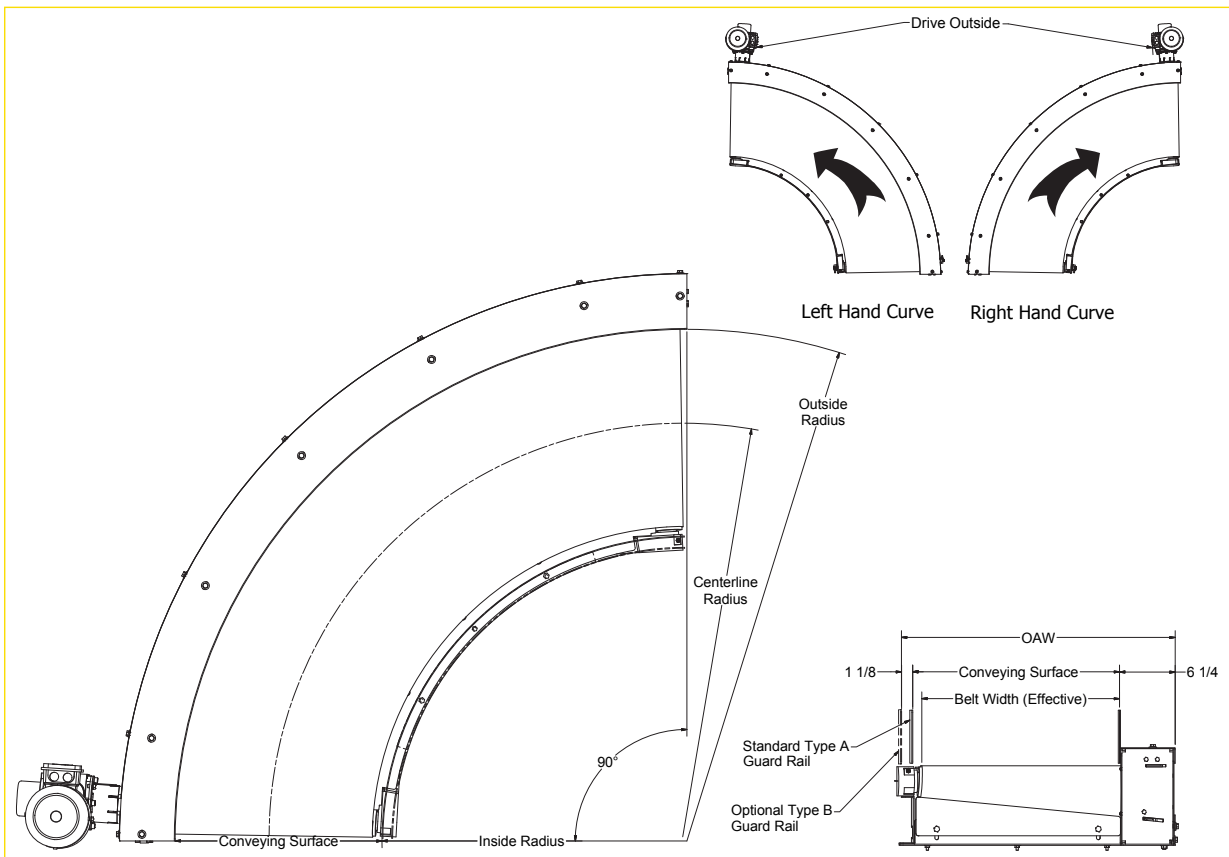


Conveyor shown with optional floor supports.

TECHNICAL MANUAL

OAW Frame	Conveying Surface Width	Belt Width		Radius			Weight (lbs.)		
		Actual	Effective	Inside	Centerline	Outside	45°	60°	90°
28 3/8"	21"	22 1/8"	20"	36"	46 1/2"		311	364	552
30 3/8"	23"	24 1/8"	22"	34"	45 1/2"	57"	317	371	561
32 3/8"	25"	26 1/8"	24"	32"	44 1/2"		323	379	570
34 3/8"	27"	28 1/8"	26"	54"	67 1/2"		446	510	687
36 3/8"	29"	30 1/8"	28"	52"	66 1/2"		453	519	699
38 3/8"	31"	32 1/8"	30"	50"	65 1/2"	81"	460	529	711
40 3/8"	33"	34 1/8"	32"	48"	64 1/2"		467	538	723
42 3/8"	35"	36 1/8"	34"	46"	63 1/2"		474	548	735
44 3/8"	37"	38 1/8"	36"	44"	62 1/2"		481	557	747

All weights in catalog are conveyor weights only. Accessories, crating, etc., are not included.



Standard Specifications

BELT – Endless splice PUR belt with guide profile.

BED – 8 7/8 in. top of belt inside, outside guard 10 3/4 in, 12 ga. stainless steel slider bed.

SHAFT-MOUNTED DRIVE – Nord right angle helical bevel gearmotor, discharge outside radius.

PULLEYS – Tapered pulleys with 1 7/16 in. diameter shaft at bearings. Infeed pulley is adjustable to control belt tension.

FLOOR SUPPORTS – MS type supports are available in a wide range of adjustments, holes in feet for lagging to floor knee braces recommended above MS-6 supports.

BEARINGS – Sealed, self-aligning ball bearings.

ELECTRICAL CONTROLS – AC variable frequency drive and Disconnect Switch.

BELT SPEED – 45 fpm to 235 FPM.

CAPACITY – Maximum load per linear foot (measured at center line of conveying surface) 40 lbs.

GUARD RAILS – 2 in. outside only.

MOTOR – 1 HP shaft-mounted right angle gearmotor 208/230/460/575V, 3Ph. 60Hz (specify voltage).

Optional Equipment

BELT – Types and styles other than standard are available (contact factory).

GUARD RAILS – 3 1/2 in. to 12 in. tall available for all sizes.

ELECTRICAL CONTROLS – Non-reversing magnetic starters and push-button stations.

CUSTOM COLORS – Available (contact factory). Paint chip must be provided.

MOTOR – Other HP available; 3 HP max.

BELT SPEED – Up to 600 FPM available with optional HP motors.

POLY-TIER SUPPORTS – 36 in. to 120 in. heights in 6 in. increments. Knee braces supplied. Note: Clearance must be allowed for belt removal.

CEILING HANGER – 5/8 in. diameter x 8 ft. long unplated rods fully threaded. Other lengths and galvanized rods available. Note: Clearance must be allowed for belt removal.