

# 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.

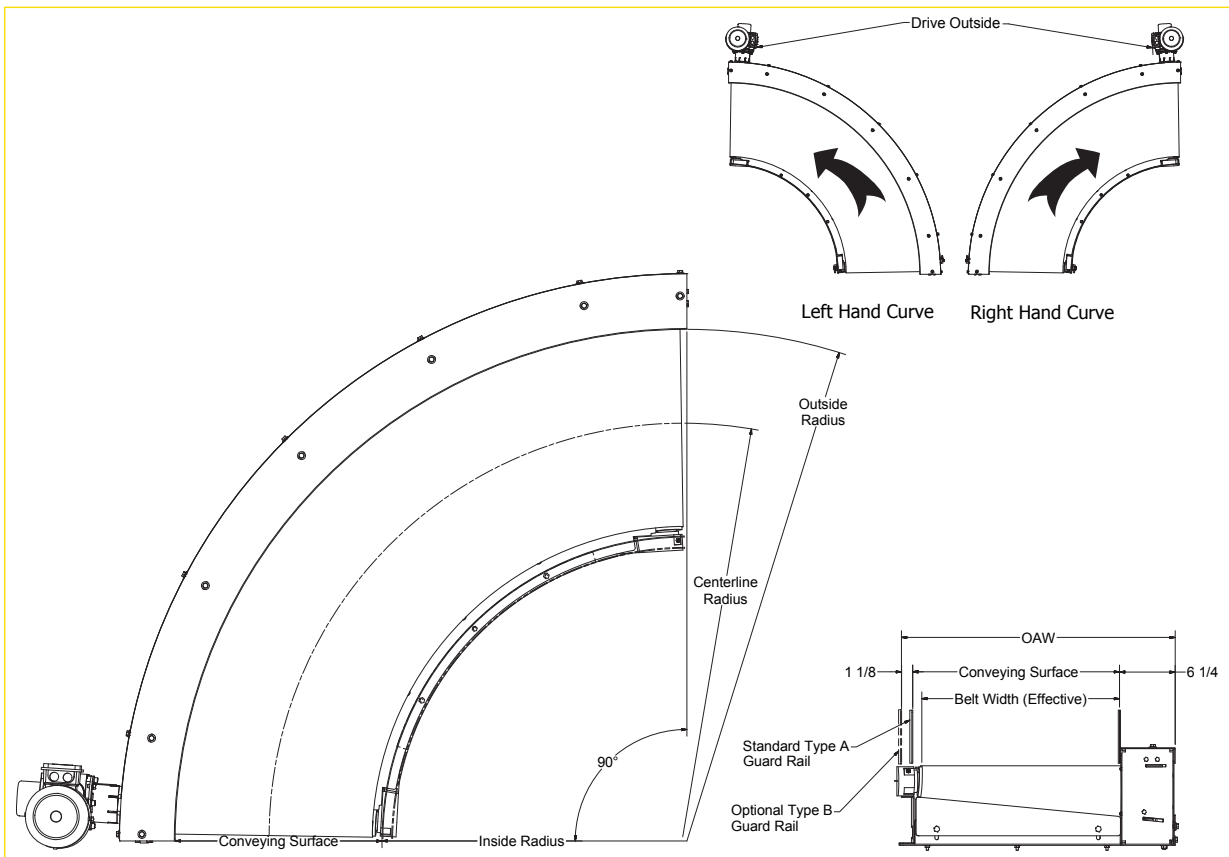
- 9 Belt Widths
- Endless Splice Belt
- Quick Belt Change
- Full Length Window



Conveyor shown with optional floor supports.

| 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.