

# RC25

## GRAVITY ROLLER CURVE CONVEYOR (2 1/2 in. dia. x 11 ga. rollers)

Gravity roller curves are compatible with straight section providing flexibility to your conveyor line. Curves will convey product with a minimum amount of pitch based on weight and size.

- 15 Widths
- Powder coated steel frames
- 30, 45, 60 and 90 degree curves



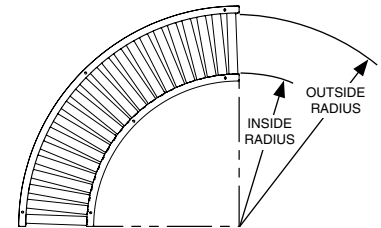
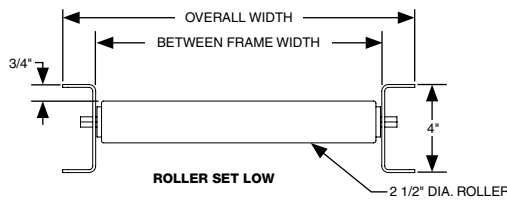
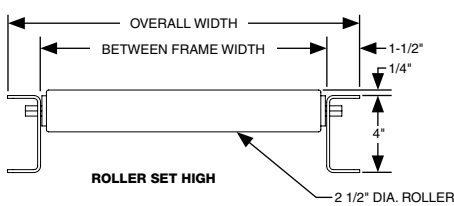
| 30° CURVE           |               |                        |               |                   |            |
|---------------------|---------------|------------------------|---------------|-------------------|------------|
| BETWEEN FRAME WIDTH | OVERALL WIDTH | MODEL NO.              | INSIDE RADIUS | ROLLERS PER CURVE | WT. (LBS.) |
|                     |               | 2.5" X 11 GA. UNPLATED |               |                   |            |
| 13"                 | 16 1/4"       | RC25U-13-30            | 32 1/2"       | 5<br>Single       | 57         |
| 15"                 | 18 1/4"       | RC25U-15-30            |               |                   | 61         |
| 17"                 | 20 1/4"       | RC25U-17-30            |               |                   | 66         |
| 19"                 | 22 1/4"       | RC25U-19-30            |               |                   | 70         |
| 21"                 | 24 1/4"       | RC25U-21-30            |               |                   | 75         |
| 23"                 | 26 1/4"       | RC25U-23-30            |               |                   | 81         |
| 25"                 | 28 1/4"       | RC25U-25-30            |               |                   | 86         |
| 27"                 | 30 1/4"       | RC25U-27-30            |               |                   | 91         |
| 31"                 | 34 1/4"       | RC25U-31-30D           | 48"           | 13<br>Double      | 143        |
| 33"                 | 36 1/4"       | RC25U-33-30D           |               |                   | 148        |
| 37"                 | 40 1/4"       | RC25U-37-30D           |               |                   | 161        |
| 39"                 | 42 1/4"       | RC25U-39-30D           |               |                   | 167        |
| 43"                 | 46 1/4"       | RC25U-43-30D           |               |                   | 181        |
| 47"                 | 50 1/4"       | RC25U-47-30D           |               |                   | 192        |
| 51"                 | 54 1/4"       | RC25U-51-30D           |               |                   | 205        |

| 45° CURVE           |               |                        |               |                   |            |
|---------------------|---------------|------------------------|---------------|-------------------|------------|
| BETWEEN FRAME WIDTH | OVERALL WIDTH | MODEL NO.              | INSIDE RADIUS | ROLLERS PER CURVE | WT. (LBS.) |
|                     |               | 2.5" X 11 GA. UNPLATED |               |                   |            |
| 13"                 | 16 1/4"       | RC25U-13-45            | 32 1/2"       | 8<br>Single       | 91         |
| 15"                 | 18 1/4"       | RC25U-15-45            |               |                   | 98         |
| 17"                 | 20 1/4"       | RC25U-17-45            |               |                   | 106        |
| 19"                 | 22 1/4"       | RC25U-19-45            |               |                   | 113        |
| 21"                 | 24 1/4"       | RC25U-21-45            |               |                   | 121        |
| 23"                 | 26 1/4"       | RC25U-23-45            |               |                   | 128        |
| 25"                 | 28 1/4"       | RC25U-25-45            |               |                   | 136        |
| 27"                 | 30 1/4"       | RC25U-27-45            |               |                   | 143        |
| 31"                 | 34 1/4"       | RC25U-31-45D           | 48"           | 19<br>Double      | 311        |
| 33"                 | 36 1/4"       | RC25U-33-45D           |               |                   | 323        |
| 37"                 | 40 1/4"       | RC25U-37-45D           |               |                   | 348        |
| 39"                 | 42 1/4"       | RC25U-39-45D           |               |                   | 360        |
| 43"                 | 46 1/4"       | RC25U-43-45D           |               |                   | 385        |
| 47"                 | 50 1/4"       | RC25U-47-45D           |               |                   | 408        |
| 51"                 | 54 1/4"       | RC25U-51-45D           |               |                   | 434        |

| 60° CURVE           |               |                        |               |                   |            |
|---------------------|---------------|------------------------|---------------|-------------------|------------|
| BETWEEN FRAME WIDTH | OVERALL WIDTH | MODEL NO.              | INSIDE RADIUS | ROLLERS PER CURVE | WT. (LBS.) |
|                     |               | 2.5" X 11 GA. UNPLATED |               |                   |            |
| 13"                 | 16 1/4"       | RC25U-13-60            | 32 1/2"       | 10<br>Single      | 128        |
| 15"                 | 18 1/4"       | RC25U-15-60            |               |                   | 138        |
| 17"                 | 20 1/4"       | RC25U-17-60            |               |                   | 150        |
| 19"                 | 22 1/4"       | RC25U-25-60            |               |                   | 159        |
| 21"                 | 24 1/4"       | RC25U-21-60            |               |                   | 173        |
| 23"                 | 26 1/4"       | RC25U-23-60            |               |                   | 183        |
| 25"                 | 28 1/4"       | RC25U-25-60            |               |                   | 195        |
| 27"                 | 30 1/4"       | RC25U-27-60            |               |                   | 207        |
| 31"                 | 34 1/4"       | RC25U-31-60D           | 48"           | 23<br>Double      | 324        |
| 33"                 | 36 1/4"       | RC25U-33-60D           |               |                   | 339        |
| 37"                 | 40 1/4"       | RC25U-37-60D           |               |                   | 366        |
| 39"                 | 42 1/4"       | RC25U-39-60D           |               |                   | 381        |
| 43"                 | 46 1/4"       | RC25U-43-60D           |               |                   | 410        |
| 47"                 | 50 1/4"       | RC25U-47-60D           |               |                   | 438        |
| 51"                 | 54 1/4"       | RC25U-51-60D           |               |                   | 467        |

| 90° CURVE           |               |                        |               |                   |            |
|---------------------|---------------|------------------------|---------------|-------------------|------------|
| BETWEEN FRAME WIDTH | OVERALL WIDTH | MODEL NO.              | INSIDE RADIUS | ROLLERS PER CURVE | WT. (LBS.) |
|                     |               | 2.5" X 11 GA. UNPLATED |               |                   |            |
| 13"                 | 16 1/4"       | RC25U-13-90            | 32 1/2"       | 16<br>Single      | 170        |
| 15"                 | 18 1/4"       | RC25U-15-90            |               |                   | 185        |
| 17"                 | 20 1/4"       | RC25U-17-90            |               |                   | 200        |
| 19"                 | 22 1/4"       | RC25U-25-90            |               |                   | 212        |
| 21"                 | 24 1/4"       | RC25U-21-90            |               |                   | 230        |
| 23"                 | 26 1/4"       | RC25U-23-90            |               |                   | 245        |
| 25"                 | 28 1/4"       | RC25U-25-90            |               |                   | 260        |
| 27"                 | 30 1/4"       | RC25U-27-90            |               |                   | 276        |
| 31"                 | 34 1/4"       | RC25U-31-90D           | 48"           | 37<br>Double      | 432        |
| 33"                 | 36 1/4"       | RC25U-33-90D           |               |                   | 451        |
| 37"                 | 40 1/4"       | RC25U-37-90D           |               |                   | 489        |
| 39"                 | 42 1/4"       | RC25U-39-90D           |               |                   | 508        |
| 43"                 | 46 1/4"       | RC25U-43-90D           |               |                   | 456        |
| 47"                 | 50 1/4"       | RC25U-47-90D           |               |                   | 483        |
| 51"                 | 54 1/4"       | RC25U-51-90D           |               |                   | 622        |

Note: Dual lane rollers from 31" BF through 51" BF



### STANDARD SPECIFICATIONS

**FRAME** – 4 in. deep x 1 5/8 in. flange x 4 ga. powder coated steel channel with bolt-in cross members. Roller set high.

**WIDTHS** – 13 in., 15 in., 17 in., 19 in., 21 in., 23 in., 25 in., 27 in., 31 in., 33 in., 37 in., 39 in., 43 in., 47 in., and 51 in. between frames.

**CURVES** – 30, 45, 60 and 90 degree curves. 32 1/2 in. or 48 in. inside radius dependent upon between width.

**COUPLINGS** – Butt type for bolting sections together.

**ROLLERS** – 2 1/2 in. x 11 ga. unplated steel tube, 11/16 in. spring hex retained axle, grease packed ball bearings both ends.

### OPTIONAL EQUIPMENT

**SUPPORTS** - SHS floor supports are available in a wide range of adjustments.

**SPECIAL DEGREE CURVES** - Consult factory.

**WIDTHS** - Other in-between widths from 10 in. to 51 in. between frames.

**ROLLERS SET LOW** - Rollers set 3/4 in. low in 4 in. deep x 1 5/8 in. flange x 4 ga. powdered coated steel channel with welded cross members.

**FRAMES** – 4 in. x 5.4 lb. powder coated structural steel channel

**GUIDE RAILS** – Fixed angle guide rails.