

MODEL "199SR & 199SRC"

Gravity Roller Conveyor

STANDARD SPECIFICATIONS

Frames - 3 1/2" deep x 1 1/2" x 10 gauge powder painted formed steel; powder painted bolt-in cross members; rollers set 1/4" high.

Rollers - 1.9" diameter x 9 gauge steel tubing.
2 1/2" to 1 11/16" tapered rollers available for curves.

Bearings - Labyrinth sealed and lightly oiled.

Axles - 7/16" hex shaft, spring-loaded.

Couplings - Butt type, for bolting sections together.

Widths - From 13" between frames (B/F) and wider in two inch increments up to 27" between frames. Also 31", 33", 37" and 39" between frames.

Lengths - 10' and 5' straight sections.

Curve Degree - 45° and 90° with 2' 8 1/2" inside radius for widths up to 27" between frames. 4'0" inside radius for 31", 33", 37", and 39" between frames.

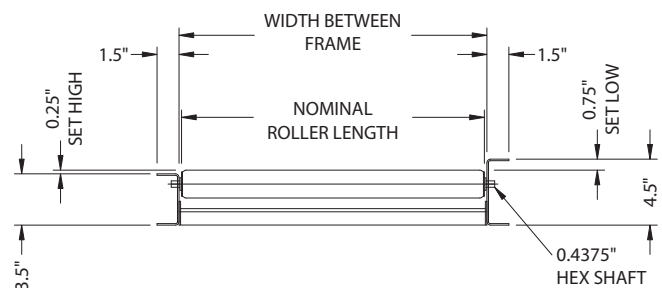
Capacity - 300 pounds per roller with 1,350 pounds maximum distributed live load over 10' length; 3,150 pounds maximum distributed live load over 5' length.

CURVED SECTIONS - WEIGHTS

TAPERED ROLLER CURVE

| | Nominal Roller Length (Inches) | Width Between Frames (Inches) | Model No. | 90° Weight (lbs.) | 45° Weight (lbs.) |
|---------------------------------|--------------------------------|-------------------------------|---------------|-------------------|-------------------|
| 20 Rollers Per Curve | 12 | 13 | 199SRC-13-90T | 94 | 52 |
| | 14 | 15 | 199SRC-15-90T | 126 | 68 |
| | 16 | 17 | 199SRC-17-90T | 137 | 74 |
| | 18 | 19 | 199SRC-19-90T | 152 | 81 |
| | 20 | 21 | 199SRC-21-90T | 167 | 89 |
| | 22 | 23 | 199SRC-23-90T | 178 | 94 |
| 32 Rollers Per Curve | 24 | 25 | 199SRC-25-90T | 204 | 107 |
| | 26 | 27 | 199SRC-27-90T | 230 | 120 |
| | 30* | 31 | 199SRC-31-90T | 338 | 174 |
| | 32* | 33 | 199SRC-33-90T | 349 | 180 |
| | 36* | 37 | 199SRC-37-90T | 371 | 191 |
| | 38* | 39 | 199SRC-39-90T | 410 | 210 |
| STRAIGHT ROLLER CURVE | | | | | |
| Single Rollers 22 Per 90° Curve | 12 | 13 | 199SRC-13-90S | 97 | 50 |
| | 14 | 15 | 199SRC-15-90S | 105 | 53 |
| | 16 | 17 | 199SRC-17-90S | 114 | 58 |
| | 18 | 19 | 199SRC-19-90S | 122 | 63 |
| Double Rollers 42 Per 90° Curve | 20 | 21 | 199SRC-21-90S | 131 | 67 |
| | 22 | 23 | 199SRC-23-90D | 161 | 82 |
| | 24 | 25 | 199SRC-25-90D | 169 | 85 |
| | 26 | 27 | 199SRC-27-90D | 177 | 89 |
| | 30* | 31 | 199SRC-31-90D | 211 | 108 |
| | 32* | 33 | 199SRC-33-90D | 220 | 112 |
| | 36* | 37 | 199SRC-37-90D | 238 | 120 |
| | 38* | 39 | 199SRC-39-90D | 247 | 124 |

*4'0" inside radius. All others 2' 8 1/2" inside radius.



STRAIGHT SECTIONS - WEIGHTS

| Nominal Roller Length | Width Between Frames | Model No. | Roller Centers (Inches) | 10' Weight (lbs.) | 5' Weight (lbs.) |
|-----------------------|----------------------|----------------|-------------------------|-------------------|------------------|
| 12" | 13" | 199SR-13-3 | 3 | 233 | 119 |
| | | 199SR-13-4 1/2 | 4 1/2 | 180 | 92 |
| | | 199SR-13-6 | 6 | 152 | 78 |
| | | 199SR-13-9 | 9 | 125 | 65 |
| | | 199SR-13-12 | 12 | 110 | 57 |
| 14" | 15" | 199SR-15-3 | 3 | 255 | 130 |
| | | 199SR-15-4 1/2 | 4 1/2 | 194 | 113 |
| | | 199SR-15-6 | 6 | 163 | 84 |
| | | 199SR-15-9 | 9 | 132 | 69 |
| 16" | 17" | 199SR-15-12 | 12 | 116 | 60 |
| | | 199SR-17-3 | 3 | 276 | 141 |
| | | 199SR-17-4 1/2 | 4 1/2 | 208 | 107 |
| | | 199SR-17-6 | 6 | 173 | 89 |
| 18" | 19" | 199SR-17-9 | 9 | 140 | 73 |
| | | 199SR-17-12 | 12 | 121 | 62 |
| | | 199SR-19-3 | 3 | 299 | 152 |
| | | 199SR-19-4 1/2 | 4 1/2 | 223 | 114 |
| 20" | 21" | 199SR-19-6 | 6 | 185 | 95 |
| | | 199SR-19-9 | 9 | 148 | 78 |
| | | 199SR-19-12 | 12 | 127 | 66 |
| | | 199SR-21-3 | 3 | 322 | 164 |
| 22" | 23" | 199SR-21-4 1/2 | 4 1/2 | 238 | 121 |
| | | 199SR-21-6 | 6 | 196 | 100 |
| | | 199SR-21-9 | 9 | 155 | 73 |
| | | 199SR-21-12 | 12 | 132 | 68 |
| 24" | 25" | 199SR-23-3 | 3 | 344 | 175 |
| | | 199SR-23-4 1/2 | 4 1/2 | 253 | 128 |
| | | 199SR-23-6 | 6 | 208 | 106 |
| | | 199SR-23-9 | 9 | 162 | 85 |
| 26" | 27" | 199SR-23-12 | 12 | 138 | 71 |
| | | 199SR-25-3 | 3 | 366 | 186 |
| | | 199SR-25-4 1/2 | 4 1/2 | 267 | 136 |
| | | 199SR-25-6 | 6 | 219 | 111 |
| 30" | 31" | 199SR-25-9 | 9 | 170 | 89 |
| | | 199SR-25-12 | 12 | 143 | 74 |
| | | 199SR-27-3 | 3 | 389 | 196 |
| | | 199SR-27-4 1/2 | 4 1/2 | 282 | 143 |
| 32" | 33" | 199SR-27-6 | 6 | 230 | 117 |
| | | 199SR-27-9 | 9 | 178 | 103 |
| | | 199SR-27-12 | 12 | 149 | 77 |
| | | 199SR-31-3 | 3 | 434 | 219 |
| 36" | 37" | 199SR-31-4 1/2 | 4 1/2 | 312 | 157 |
| | | 199SR-31-6 | 6 | 252 | 128 |
| | | 199SR-31-9 | 9 | 192 | 100 |
| | | 199SR-31-12 | 12 | 101 | 82 |
| 38" | 39" | 199SR-33-3 | 3 | 456 | 230 |
| | | 199SR-33-4 1/2 | 4 1/2 | 326 | 166 |
| | | 199SR-33-6 | 6 | 263 | 133 |
| | | 199SR-33-9 | 9 | 201 | 105 |
| 38" | 39" | 199SR-33-12 | 12 | 166 | 86 |
| | | 199SR-37-3 | 3 | 501 | 252 |
| | | 199SR-37-4 1/2 | 4 1/2 | 356 | 180 |
| | | 199SR-37-6 | 6 | 286 | 145 |
| 38" | 39" | 199SR-37-9 | 9 | 215 | 112 |
| | | 199SR-37-12 | 12 | 177 | 91 |
| | | 199SR-39-3 | 3 | 523 | 263 |
| | | 199SR-39-4 1/2 | 4 1/2 | 371 | 187 |
| 38" | 39" | 199SR-39-6 | 6 | 297 | 151 |
| | | 199SR-39-9 | 9 | 222 | 116 |
| | | 199SR-39-12 | 12 | 183 | 93 |