

# MODELS "190SR, 190SRC, 190HSR and 190HSRC"

## Gravity Roller Conveyor

### STANDARD SPECIFICATIONS

**Frames** - 3 1/2" deep x 1 1/2" flange x 10 gauge powder painted formed steel with bolt-in cross members, rollers set 1/4" high. Galvanized channels optional.

**Rollers** - 1.9" diameter x 16 gauge steel tubing with swaged ends to provide a firm bearing seat and rounded ends. Galvanized rollers optional. Tapered rollers in curve are 2 1/2" to 1 11/16" taper.

**Bearings** - Labyrinth sealed, 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"; also 31", 33", 37" and 39" between rails.

**Lengths** - 5' and 10' long straight sections.

**Capacity** - 240 pounds per roller with 1,350 pounds maximum distributed live load over 10 foot length; 3,100 pounds maximum distributed live load over 5 foot length.

**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.

### STRAIGHT SECTIONS - WEIGHTS

Nominal Roller Length	Width Between Frames	Model No. Galvanized	Model No. (Unplated)	Roller Centers (Inches)	10' Weight (lbs.)	5' Weight (lbs.)
12"	13"	190SR-13-3	190HSR-13-3	3	167	85
		190SR-13-4 1/2	190HSR-13-4 1/2	4 1/2	137	70
		190SR-13-6	190HSR-13-6	6	119	60
		190SR-13-9	190HSR-13-9	9	104	53
		190SR-13-12	190HSR-13-12	12	94	48
14"	15"	190SR-15-3	190HSR-15-3	3	180	91
		190SR-15-4 1/2	190HSR-15-4 1/2	4 1/2	145	74
		190SR-15-6	190HSR-15-6	6	125	64
		190SR-15-9	190HSR-15-9	9	108	55
		190SR-15-12	190HSR-15-12	12	97	50
16"	17"	190SR-17-3	190HSR-17-3	3	192	97
		190SR-17-4 1/2	190HSR-17-4 1/2	4 1/2	153	78
		190SR-17-6	190HSR-17-6	6	131	66
		190SR-17-9	190HSR-17-9	9	112	57
		190SR-17-12	190HSR-17-12	12	100	51
18"	19"	190SR-19-3	190HSR-19-3	3	204	103
		190SR-19-4 1/2	190HSR-19-4 1/2	4 1/2	161	82
		190SR-19-6	190HSR-19-6	6	137	70
		190SR-19-9	190HSR-19-9	9	117	60
		190SR-19-12	190HSR-19-12	12	103	53
20"	21"	190SR-21-3	190HSR-21-3	3	217	110
		190SR-21-4 1/2	190HSR-21-4 1/2	4 1/2	170	86
		190SR-21-6	190HSR-21-6	6	143	73
		190SR-21-9	190HSR-21-9	9	121	62
		190SR-21-12	190HSR-21-12	12	106	54
22"	23"	190SR-23-3	190HSR-23-3	3	229	116
		190SR-23-4 1/2	190HSR-23-4 1/2	4 1/2	178	90
		190SR-23-6	190HSR-23-6	6	150	76
		190SR-23-9	190HSR-23-9	9	125	64
		190SR-23-12	190HSR-23-12	12	109	56
24"	25"	190SR-25-3	190HSR-25-3	3	241	122
		190SR-25-4 1/2	190HSR-25-4 1/2	4 1/2	186	99
		190SR-25-6	190HSR-25-6	6	156	79
		190SR-25-9	190HSR-25-9	9	129	66
		190SR-25-12	190HSR-25-12	12	112	57
26"	27"	190SR-27-3	190HSR-27-3	3	254	128
		190SR-27-4 1/2	190HSR-27-4 1/2	4 1/2	194	98
		190SR-27-6	190HSR-27-6	6	162	82
		190SR-27-9	190HSR-27-9	9	134	68
		190SR-27-12	190HSR-27-12	12	115	58
30"	31"	190SR-31-3	190HSR-31-3	3	279	141
		190SR-31-4 1/2	190HSR-31-4 1/2	4 1/2	211	107
		190SR-31-6	190HSR-31-6	6	174	88
		190SR-31-9	190HSR-31-9	9	142	72
		190SR-31-12	190HSR-31-12	12	122	62
32"	33"	190SR-33-3	190HSR-33-3	3	291	147
		190SR-33-4 1/2	190HSR-33-4 1/2	4 1/2	180	111
		190SR-33-6	190HSR-33-6	6	147	91
		190SR-33-9	190HSR-33-9	9	125	75
		190SR-33-12	190HSR-33-12	12	128	64
36"	37"	190SR-37-3	190HSR-37-3	3	316	159
		190SR-37-4 1/2	190HSR-37-4 1/2	4 1/2	236	119
		190SR-37-6	190HSR-37-6	6	193	96
		190SR-37-9	190HSR-37-9	9	155	79
		190SR-37-12	190HSR-37-12	12	131	67
38"	39"	190SR-39-3	190HSR-39-3	3	328	165
		190SR-39-4 1/2	190HSR-39-4 1/2	4 1/2	244	123
		190SR-39-6	190HSR-39-6	6	199	101
		190SR-39-9	190HSR-39-9	9	159	81
		190SR-39-12	190HSR-39-12	12	134	68

### CURVED SECTIONS - WEIGHTS

TAPERED ROLLERS ARE UNPLATED (2 1/2" to 1 11/16" taper)

	Nominal Roller Length (Inches)	Width Between Frames (Inches)	Model No. (For 90°)	(Unplated) Model No. (For 90°)	90° Weight (lbs.)	45° Weight (lbs.)
20 Rollers Per Curve	12	13	190SRC-13-90T	190HSRC-13-90T	94	52
	14	15	190SRC-15-90T	190HSRC-15-90T	126	68
	16	17	190SRC-17-90T	190HSRC-17-90T	137	74
	18	19	190SRC-19-90T	190HSRC-19-90T	152	91
	20	21	190SRC-21-90T	190HSRC-21-90T	167	89
	22	23	190SRC-23-90T	190HSRC-23-90T	178	94
32 Rollers Per Curve	24	25	190SRC-25-90T	190HSRC-25-90T	204	107
	26	27	190SRC-27-90T	190HSRC-27-90T	235	120
	30*	31	190SRC-31-90T	190HSRC-31-90T	338	174
	32*	33	190SRC-33-90T	190HSRC-33-90T	349	180
	36*	37	190SRC-37-90T	190HSRC-37-90T	371	191
	38*	39	190SRC-39-90T	190HSRC-39-90T	410	210
STRAIGHT ROLLERS						
Single Rollers 22 Per 90° Curve	12	13	190SRC-13-90S	190HSRC-13-90S	97	50
	14	15	190SRC-15-90S	190HSRC-15-90S	105	53
	16	17	190SRC-17-90S	190HSRC-17-90S	114	58
	18	19	190SRC-19-90S	190HSRC-19-90S	122	63
Double Rollers 42 Per 90° Curve	20	21	190SRC-21-90S	190HSRC-21-90S	131	67
	22	23	190SRC-23-90D	190HSRC-23-90D	161	82
	24	25	190SRC-25-90D	190HSRC-25-90D	169	85
	26	27	190SRC-27-90D	190HSRC-27-90D	177	89
	30*	31	190SRC-31-90D	190HSRC-31-90D	211	108
	32*	33	190SRC-33-90D	190HSRC-33-90D	220	112
36*	37	190SRC-37-90D	190HSRC-37-90D	238	120	
38*	39	190SRC-39-90D	190HSRC-39-90D	247	124	

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

