

Models "190SR, 190SRC, 190HSR & 190HSRC"

STANDARD SPECIFICATIONS

Frames - 3 1/2" deep x 1/2" flange x 10 gauge painted 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 1/8" taper.

Bearings - Labyrinth sealed, lightly oiled.

Axles - 7/16" hex CRS 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.

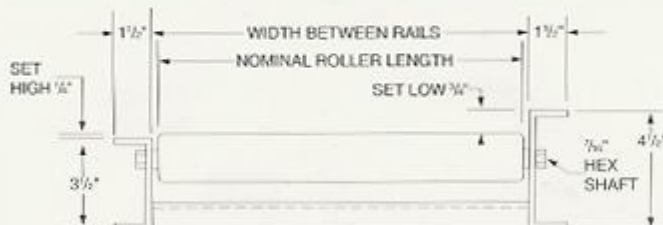
Curve Degree - 45° and 90° with 2'8 1/2" inside radius for widths up to 27" between frames. 4'0" inside radius for 31", 33", 37", and 39" between frames.

CURVED SECTIONS - WEIGHTS

TAPERED ROLLERS ARE UNPLATED (2 1/2" to 1 1/8" 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.



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

ROLLER CURVES

MODEL 190SRC / 190HSRC

1.9" Dia. x 16 Ga. Galvanized Straight Roller Curve

Nominal Roller Length	Width Between Rails	Model No.	90° Price	Weight (Lbs.)	45° Price	Weight (Lbs.)
12"	13"	190SRC-13-90S	\$247	97	\$141	50
14"	15"	190SRC-15-90S	259	105	147	53
16"	17"	190SRC-17-90S	272	114	155	58
18"	19"	190SRC-19-90S	285	122	161	63
20"	21"	190SRC-21-90S	298	131	167	67
22"	23"	190SRC-23-90D	416	161	227	82
24"	25"	190SRC-25-90D	428	169	232	85
26"	27"	190SRC-27-90D	438	171	237	89
30"	31"(A)	190SRC-31-90D	542	211	284	108
32"	33"(A)	190SRC-33-90D	553	220	291	112
36"	37"(A)	190SRC-37-90D	578	238	308	120
38"	39"(A)	190SRC-39-90D	590	247	314	124

1.9" Dia. x 16 Ga. Unplated Straight Roller Curve

Nominal Roller Length	Width Between Rails	Model No.	90° Price	Weight (Lbs.)	45° Price	Weight (Lbs.)
12"	13"	190HSRC-13-90S	\$222	97	\$124	50
14"	15"	190HSRC-15-90S	233	105	128	53
16"	17"	190HSRC-17-90S	243	114	133	58
18"	19"	190HSRC-19-90S	254	122	138	63
20"	21"	190HSRC-21-90S	264	131	142	67
22"	23"	190HSRC-23-90D	374	161	197	82
24"	25"	190HSRC-25-90D	383	169	202	85
26"	27"	190HSRC-27-90D	392	171	207	89
30"	31"(A)	190HSRC-31-90D	486	211	244	108
32"	33"(A)	190HSRC-33-90D	495	220	250	112
36"	37"(A)	190HSRC-37-90D	515	238	262	120
38"	39"(A)	190HSRC-39-90D	525	247	267	124

MODEL 199SRC / 20SRC

1.9" Dia. x 9 Ga. Straight Roller Curve

Nominal Roller Length	Width Between Rails	Model No.	90° Price	Weight (Lbs.)	45° Price	Weight (Lbs.)
12"	13"	199SRC-13-90S	\$320	97	\$173	50
14"	15"	199SRC-15-90S	335	105	179	53
16"	17"	199SRC-17-90S	350	114	186	58
18"	19"	199SRC-19-90S	365	122	193	63
20"	21"	199SRC-21-90S	379	131	200	67
22"	23"	199SRC-23-90D	557	161	289	82
24"	25"	199SRC-25-90D	565	169	293	85
26"	27"	199SRC-27-90D	583	177	303	89
30"	31"(A)	199SRC-31-90D	681	211	342	108
32"	33"(A)	199SRC-33-90D	689	220	348	112
36"	37"(A)	199SRC-37-90D	716	238	363	120
38"	39"(A)	199SRC-39-90D	734	247	371	124

2" Dia. x 12 Ga. Straight Roller Curve

Nominal Roller Length	Width Between Rails	Model No.	90° Price	Weight (Lbs.)	45° Price	Weight (Lbs.)
12"	13"	20SRC-13-90S	\$284	119	\$163	61
14"	15"	20SRC-15-90S	299	131	170	68
16"	17"	20SRC-17-90S	316	144	178	73
18"	19"	20SRC-19-90S	332	155	185	80
20"	21"	20SRC-21-90S	347	166	193	84
22"	23"	20SRC-23-90D	479	199	256	101
24"	25"	20SRC-25-90D	487	211	264	106
26"	27"	20SRC-27-90D	503	223	272	112
30"	31"(A)	20SRC-31-90D	609	262	324	134
32"	33"(A)	20SRC-33-90D	625	275	332	140
36"	37"(A)	20SRC-37-90D	655	301	347	152
38"	39"(A)	20SRC-39-90D	671	314	355	158

TAPERED ROLLER CURVES / MODEL 254SRC

Tapered Roller Curve (Unplated)

Nominal Roller Length	Width Between Rails	Model No.	90° Price	Weight (Lbs.)	45° Price	Weight (Lbs.)
12"	13"	*-13-90T	\$336	104	\$194	58
14"	15"	*-15-90T	346	115	206	63
16"	17"	*-17-90T	365	126	219	68
18"	19"	*-19-90T	384	139	232	75
20"	21"	*-21-90T	403	171	247	91
22"	23"	*-23-90T	422	182	254	96
24"	25"	*-25-90T	441	208	269	109
26"	27"	*-27-90T	460	210	276	110
30"	31"(A)	*-31-90T	961	348	602	179
32"	33"(A)	*-33-90T	970	359	609	185
36"	37"(A)	*-37-90T	982	381	621	195
38"	39"(A)	*-39-90T	989	420	627	215

2 1/2" Dia. x 14 Ga. Straight Roller Curve

Nominal Roller Length	Width Between Rails	Model No.	90° Price	Weight (Lbs.)	45° Price	Weight (Lbs.)
12"	13"	254SRC-13-90S	\$329	119	\$178	61
14"	15"	254SRC-15-90S	342	131	183	68
16"	17"	254SRC-17-90S	355	144	189	73
18"	19"	254SRC-19-90S	368	155	195	80
20"	21"	254SRC-21-90S	380	166	201	84
22"	23"	254SRC-23-90D	571	199	296	101
24"	25"	254SRC-25-90D	580	211	300	106
26"	27"	254SRC-27-90D	593	223	308	112
30"	31"(A)	254SRC-31-90D	692	262	348	134
32"	33"(A)	254SRC-33-90D	700	275	353	140
36"	37"(A)	254SRC-37-90D	724	301	367	152
38"	39"(A)	254SRC-39-90D	737	314	373	158

* For 190SR insert 190SRC, 190HSR insert 190HSRC, 199SR insert 199SRC, 20SR insert 20SRC, 254SR insert 254SRC.

★ (A) 40" Inside Radius. All others 2' 8 1/2" Inside Radius.

★ NOTE: For curve less than 45° use price of 45° curve plus \$69 per section. For curve less than 90°, but over 45°, use price of 90° curve plus \$69.

★ S=Straight Rollers; T=Tapered Rollers; D=Double Row Straight Rollers.

★ See page 7 (190CLR) for replacement tapered roller prices.