

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

## STANDARD SPECIFICATIONS

**Frames** - 3 1/2" deep x 1 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** - 7/8" 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.

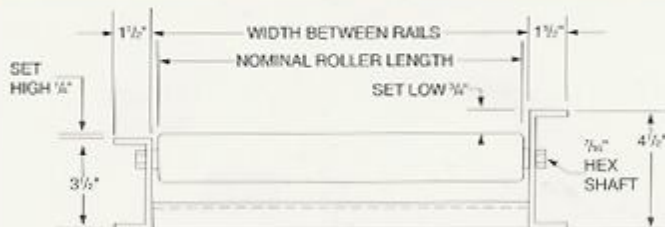
**Curve Degree** - 45° and 90° with 2'8 1/2" inside radius for widths up to 27" between frames. 4'0" inside radius for 31", 33", 37", and 39" between frames.

## 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



# MODEL 190SR / 190HSR

1.9" Dia. Gravity Roller Conveyor with 7/16" Hex Shaft

## Straight Sections – 1.9" Dia. x 16 Ga. Roller – 3 1/2" x 1 1/2" x 10 Ga. Painted Frame

Nominal Roller Length	Width Between Frames	Roller Centers	MODEL 190SR (Painted Frames) (Galvanized Rollers)	Price		Weight (lbs.)		MODEL 190HSR (Painted Frames) (Unplated Rollers)	Price		Rollers Only		
				10'0"	5'0"	10'0"	5'0"		10'0"	5'0"	Weight (lbs.)	Price	
												190SR	190HSR
12"	13"	2 1/4"	190SR-13-2 1/4	\$304	\$152	186	96	190HSR-13-2 1/4	\$283	\$142	2.5#	\$5.40	\$4.90
		3"	190SR-13-3	244	137	167	86	190HSR-13-3	228	129			
		4 1/2"	190SR-13-4 1/2	192	111	137	71	190HSR-13-4 1/2	182	106			
		6"	190SR-13-6	164	97	119	62	190HSR-13-6	156	93			
		9"	190SR-13-9	140	85	104	54	190HSR-13-9	135	82			
		12"	190SR-13-12	124	77	94	49	190HSR-13-12	121	75			
14"	15"	2 1/4"	190SR-15-2 1/4	326	162	215	111	190HSR-15-2 1/4	301	151	2.7#	5.95	5.30
		3"	190SR-15-3	259	145	180	92	190HSR-15-3	242	136			
		4 1/2"	190SR-15-4 1/2	202	116	145	75	190HSR-15-4 1/2	190	110			
		6"	190SR-15-6	172	101	125	65	190HSR-15-6	163	97			
		9"	190SR-15-9	146	88	108	56	190HSR-15-9	140	85			
		12"	190SR-15-12	129	80	97	51	190HSR-15-12	125	77			
16"	17"	2 1/4"	190SR-17-2 1/4	345	173	234	122	190HSR-17-2 1/4	317	159	3.0#	6.40	5.65
		3"	190SR-17-3	272	151	192	98	190HSR-17-3	252	141			
		4 1/2"	190SR-17-4 1/2	212	121	153	79	190HSR-17-4 1/2	198	114			
		6"	190SR-17-6	180	105	131	68	190HSR-17-6	169	100			
		9"	190SR-17-9	152	91	112	58	190HSR-17-9	145	87			
		12"	190SR-17-12	134	82	100	52	190HSR-17-12	128	79			
18"	19"	2 1/4"	190SR-19-2 1/4	345	173	253	133	190HSR-19-2 1/4	332	167	3.3#	6.90	6.05
		3"	190SR-19-3	286	158	204	104	190HSR-19-3	264	147			
		4 1/2"	190SR-19-4 1/2	221	126	161	83	190HSR-19-4 1/2	207	119			
		6"	190SR-19-6	188	109	137	71	190HSR-19-6	176	103			
		9"	190SR-19-9	158	94	117	61	190HSR-19-9	150	90			
		12"	190SR-19-12	139	84	103	54	190HSR-19-12	133	81			
20"	21"	2 1/4"	190SR-21-2 1/4	385	193	274	143	190HSR-21-2 1/4	348	175	3.6#	7.40	6.40
		3"	190SR-21-3	301	165	217	111	190HSR-21-3	276	153			
		4 1/2"	190SR-21-4 1/2	232	131	170	87	190HSR-21-4 1/2	216	123			
		6"	190SR-21-6	196	113	143	74	190HSR-21-6	183	107			
		9"	190SR-21-9	164	97	121	63	190HSR-21-9	155	93			
		12"	190SR-21-12	143	87	106	55	190HSR-21-12	137	83			
22"	23"	2 1/4"	190SR-23-2 1/4	404	203	293	154	190HSR-23-2 1/4	364	183	3.8#	7.85	6.75
		3"	190SR-23-3	315	172	229	117	190HSR-23-3	287	159			
		4 1/2"	190SR-23-4 1/2	243	136	178	91	190HSR-23-4 1/2	224	127			
		6"	190SR-23-6	204	117	150	77	190HSR-23-6	190	110			
		9"	190SR-23-9	170	100	125	65	190HSR-23-9	161	95			
		12"	190SR-23-12	148	89	109	57	190HSR-23-12	141	86			
24"	25"	2 1/4"	190SR-25-2 1/4	426	214	312	165	190HSR-25-2 1/4	380	191	4.1#	8.35	7.15
		3"	190SR-25-3	330	180	241	123	190HSR-25-3	299	165			
		4 1/2"	190SR-25-4 1/2	253	141	186	95	190HSR-25-4 1/2	232	131			
		6"	190SR-25-6	212	121	156	80	190HSR-25-6	197	113			
		9"	190SR-25-9	176	103	129	67	190HSR-25-9	166	98			
		12"	190SR-25-12	153	91	112	58	190HSR-25-12	145	88			
26"	27"	2 1/4"	190SR-27-2 1/4	444	223	333	176	190HSR-27-2 1/4	397	200	4.4#	8.85	7.50
		3"	190SR-27-3	343	187	254	129	190HSR-27-3	311	170			
		4 1/2"	190SR-27-4 1/2	263	146	194	99	190HSR-27-4 1/2	241	136			
		6"	190SR-27-6	220	125	162	83	190HSR-27-6	198	114			
		9"	190SR-27-9	182	106	134	69	190HSR-27-9	171	100			
		12"	190SR-27-12	158	94	115	60	190HSR-27-12	152	91			
30"	31"	2 1/4"	190SR-31-2 1/4	512	257	372	197	190HSR-31-2 1/4	439	220	4.9#	9.85	8.25
		3"	190SR-31-3	366	198	279	142	190HSR-31-3	342	186			
		4 1/2"	190SR-31-4 1/2	283	157	211	107	190HSR-31-4 1/2	258	144			
		6"	190SR-31-6	235	133	174	89	190HSR-31-6	217	123			
		9"	190SR-31-9	194	112	142	73	190HSR-31-9	181	106			
		12"	190SR-31-12	163	96	122	63	190HSR-31-12	158	94			
32"	33"	2 1/4"	190SR-33-2 1/4	529	265	392	208	190HSR-33-2 1/4	457	230	5.2#	10.30	8.60
		3"	190SR-33-3	377	203	291	148	190HSR-33-3	356	193			
		4 1/2"	190SR-33-4 1/2	293	162	219	112	190HSR-33-4 1/2	266	148			
		6"	190SR-33-6	243	137	180	92	190HSR-33-6	223	127			
		9"	190SR-33-9	200	115	147	76	190HSR-33-9	187	108			
		12"	190SR-33-12	167	99	125	65	190HSR-33-12	162	96			
36"	37"	2 1/4"	190SR-37-2 1/4	566	283	429	229	190HSR-37-2 1/4	495	248	5.8#	11.30	9.35
		3"	190SR-37-3	404	217	316	160	190HSR-37-3	386	208			
		4 1/2"	190SR-37-4 1/2	314	172	236	120	190HSR-37-4 1/2	285	158			
		6"	190SR-37-6	259	145	193	99	190HSR-37-6	237	133			
		9"	190SR-37-9	212	121	155	80	190HSR-37-9	197	113			
		12"	190SR-37-12	172	101	131	68	190HSR-37-12	170	100			
38"	39"	2 1/4"	190SR-39-2 1/4	601	301	453	240	190HSR-39-2 1/4	524	263	6.1#	11.80	9.70
		3"	190SR-39-3	430	230	328	166	190HSR-39-3	400	215			
		4 1/2"	190SR-39-4 1/2	324	177	244	124	190HSR-39-4 1/2	296	163			
		6"	190SR-39-6	267	148	199	102	190HSR-39-6	243	137			
		9"	190SR-39-9	218	124	159	82	190HSR-39-9	202	116			
		12"	190SR-39-12	181	106	134	69	190HSR-39-12	174	102			

\* For special lengths use 1/10 of 10' lg. section price times next longer whole foot for length desired. Lengths less than 2'0" will be charged the 2'0" price.

\* For galvanized frames – CONSULT FACTORY.

\* Rollers set low – no charge – specify. \* 2 1/4" roller centers – OAL will be 9'11 1/4" (instead of 10'0") and 5'0 3/4" (instead of 5'0")



# 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.