

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.

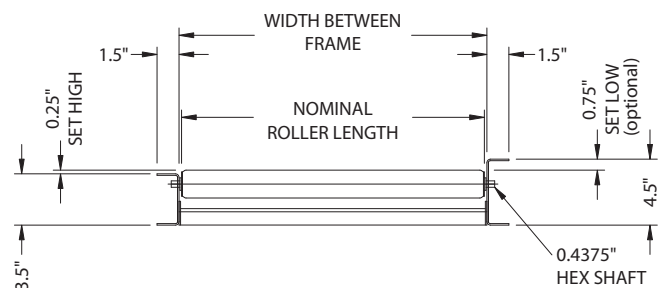
Capacity - 300 pounds per roller with 1,350 pounds maximum distributed live load over 10' length; 3,150 pounds maximum distributed live load over 5' length.

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
	20	21	199SRC-21-90S	131	67
Double Rollers 43 Per 90° Curve	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-13-2 1/4	2 1/4	281	175
		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-15-2 1/4	2 1/4	311	192
		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
		199SR-15-12	12	116	60
16"	17"	199SR-17-2 1/4	2 1/4	342	208
		199SR-17-3	3	276	141
		199SR-17-4 1/2	4 1/2	208	107
		199SR-17-6	6	173	89
		199SR-17-9	9	140	73
		199SR-17-12	12	121	62
18"	19"	199SR-19-2 1/4	2 1/4	373	225
		199SR-19-3	3	299	152
		199SR-19-4 1/2	4 1/2	223	114
		199SR-19-6	6	185	95
		199SR-19-9	9	148	78
		199SR-19-12	12	127	66
20"	21"	199SR-21-2 1/4	2 1/4	404	242
		199SR-21-3	3	322	164
		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
22"	23"	199SR-23-2 1/4	2 1/4	435	258
		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
		199SR-23-12	12	138	71
24"	25"	199SR-25-2 1/4	2 1/4	466	274
		199SR-25-3	3	366	186
		199SR-25-4 1/2	4 1/2	267	136
		199SR-25-6	6	219	111
		199SR-25-9	9	170	89
		199SR-25-12	12	143	74
26"	27"	199SR-27-2 1/4	2 1/4	497	291
		199SR-27-3	3	389	196
		199SR-27-4 1/2	4 1/2	282	143
		199SR-27-6	6	230	117
		199SR-27-9	9	178	103
		199SR-27-12	12	149	77
30"	31"	199SR-31-2 1/4	2 1/4	559	324
		199SR-31-3	3	434	219
		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
32"	33"	199SR-33-2 1/4	2 1/4	590	340
		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
		199SR-33-12	12	166	86
36"	37"	199SR-37-2 1/4	2 1/4	652	373
		199SR-37-3	3	501	252
		199SR-37-4 1/2	4 1/2	356	180
		199SR-37-6	6	286	145
		199SR-37-9	9	215	112
		199SR-37-12	12	177	91
38"	39"	199SR-39-2 1/4	2 1/4	683	389
		199SR-39-3	3	523	263
		199SR-39-4 1/2	4 1/2	371	187
		199SR-39-6	6	297	151
		199SR-39-9	9	222	116
		199SR-39-12	12	183	93