

# Models "251SR & 251SRC"

## Gravity Roller Conveyor

### STANDARD SPECIFICATIONS

**Frames** - 4" x 4 gauge steel channel with bolted cross members, painted. Rollers set 1/4" high.

**Rollers** - 2 1/2" x 11 gauge steel tubing with straight press bearings.

**Bearings** - Labyrinth sealed and grease packed.

**Axles** - 1/8" hex shaft, spring-loaded.

**Couplings** - Splice plates, for bolting sections together.

**Widths** - 13" between frames (B/F) and wider in two inch increments up to 27" between frames. Also 31", 33", 37", 39", 45", 51", 55" and 59" between frames.

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

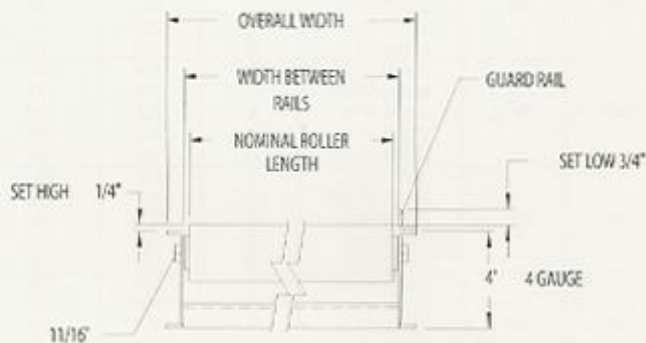
**Curve Degree** - 45° and 90° with 2'8 1/2" inside radius for widths up to 27" between frames. 4'0" inside radius for 31", 33", 37", and 39" between frames. Tapered roller curve available.

**Capacity** - 750 pounds per roller with 3,750 pounds maximum distributed live load over 10 feet for 12" nominal roller length, to 3,500 pounds on widest sizes; 8,000 pounds to 7,750 pounds maximum distributed live load over 5' lengths. Curve sections same as 10'. All capacities based on 3" centers.

### CURVED SECTIONS - WEIGHTS

	Nominal Roller Length (Inches)	Width Between Frames (Inches)	Model No. (For 90°)	90° Weight (lbs.)	45° Weight (lbs.)
Single Roller	12	13	251SRC-13-90S	165	84
16 Per 90° Curve	14	15	251SRC-15-90S	180	91
	16	17	251SRC-17-90S	195	99
	18	19	251SRC-19-90S	210	106
	22	23	251SRC-23-90S	240	121
	26	27	251SRC-27-90S	270	136
Double Rollers	30"	31	251SRC-31-90D	400	216
37 Per 90° Curve	32"	33	251SRC-33-90D	418	236
	36"	37	251SRC-37-90D	453	245
	38"	39	251SRC-39-90D	471	255

\*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"	251SR-13-3	3	364	185
		251SR-13-4	4	303	155
		251SR-13-6	6	242	125
		251SR-13-9	9	212	113
		251SR-13-12	12	182	95
14"	15"	251SR-15-3	3	395	202
		251SR-15-4	4	327	168
		251SR-15-6	6	259	134
		251SR-15-9	9	225	120
		251SR-15-12	12	191	100
16"	17"	251SR-17-3	3	427	218
		251SR-17-4	4	351	180
		251SR-17-6	6	276	142
		251SR-17-9	9	238	127
		251SR-17-12	12	200	104
18"	19"	251SR-19-3	3	458	234
		251SR-19-4	4	375	192
		251SR-19-6	6	292	151
		251SR-19-9	9	251	134
		251SR-19-12	12	209	110
22"	23"	251SR-23-3	3	521	266
		251SR-23-4	4	423	217
		251SR-23-6	6	325	168
		251SR-23-9	9	276	149
		251SR-23-12	12	227	120
26"	27"	251SR-27-3	3	583	289
		251SR-27-4	4	471	242
		251SR-27-6	6	358	186
		251SR-27-9	9	302	163
		251SR-27-12	12	246	129
30"	31"	251SR-31-3	3	646	331
		251SR-31-4	4	519	267
		251SR-31-6	6	391	203
		251SR-31-9	9	328	178
		251SR-31-12	12	264	139
32"	33"	251SR-33-3	3	679	347
		251SR-33-4	4	544	280
		251SR-33-6	6	409	213
		251SR-33-9	9	341	185
		251SR-33-12	12	273	145
36"	37"	251SR-37-3	3	740	379
		251SR-37-4	4	590	304
		251SR-37-6	6	441	229
		251SR-37-9	9	366	199
		251SR-37-12	12	291	154
38"	39"	251SR-39-3	3	771	395
		251SR-39-4	4	614	316
		251SR-39-6	6	457	238
		251SR-39-9	9	379	207
		251SR-39-12	12	300	159
44"	45"	251SR-45-3	3	863	443
		251SR-45-4	4	694	352
		251SR-45-6	6	473	291
		251SR-45-9	9	417	229
		251SR-45-12	12	327	173
50"	51"	251SR-51-3	3	955	491
		251SR-51-4	4	754	388
		251SR-51-6	6	489	344
		251SR-51-9	9	455	251
		251SR-51-12	12	354	187
54"	55"	251SR-55-3	3	1016	523
		251SR-55-4	4	800	412
		251SR-55-6	6	521	360
		251SR-55-9	9	480	265
		251SR-55-12	12	372	196
58"	59"	251SR-59-3	3	1077	555
		251SR-59-4	4	846	436
		251SR-59-6	6	553	376
		251SR-59-9	9	505	279
		251SR-59-12	12	309	205

# MODEL 251SR

2 1/2" Dia. x 11 Ga. Gravity Roller Conveyor with 11/16" Hex Shaft

## Straight Sections – 2 1/2" Dia. x 11 Ga. Steel Roller – 4" x 4 Ga. Formed Channel Frame

Nominal Roller Length	Width Between Frames	Roller Centers	Model No.	PRICE PER SECTION				Rollers Only	
				Bolted Painted Frames				Weight	Price
				Price		Weight (lbs.)			
10'	5'	10'	5'						
12"	13"	3"	251SR-13-3	\$592	\$304	364	185	5.9#	\$12.19
		4"	251SR-13-4	478	245	303	155		
		6"	251SR-13-6	355	187	242	125		
		9"	251SR-13-9	298	163	212	113		
		12"	251SR-13-12	239	128	182	95		
14"	15"	3"	251SR-15-3	620	319	395	202	7.1#	12.92
		4"	251SR-15-4	496	256	327	168		
		6"	251SR-15-6	372	194	259	134		
		9"	251SR-15-9	310	170	225	120		
		12"	251SR-15-12	248	132	191	100		
16"	17"	3"	251SR-17-3	648	333	427	218	7.8#	13.64
		4"	251SR-17-4	518	267	351	180		
		6"	251SR-17-6	387	202	276	142		
		9"	251SR-17-9	322	176	238	127		
		12"	251SR-17-12	256	137	200	104		
18"	19"	3"	251SR-19-3	676	347	458	234	8.5#	14.37
		4"	251SR-19-4	539	278	375	192		
		6"	251SR-19-6	402	210	292	151		
		9"	251SR-19-9	333	182	251	134		
		12"	251SR-19-12	265	141	209	110		
22"	23"	3"	251SR-23-3	732	375	521	266	9.3#	15.82
		4"	251SR-23-4	582	300	423	217		
		6"	251SR-23-6	432	225	325	168		
		9"	251SR-23-9	357	195	276	149		
		12"	251SR-23-12	282	150	227	120		
26"	27"	3"	251SR-27-3	788	403	583	285	11.5#	17.26
		4"	251SR-27-4	625	322	471	242		
		6"	251SR-27-6	462	240	358	186		
		9"	251SR-27-9	380	208	302	163		
		12"	251SR-27-12	299	159	246	129		
30"	31"	3"	251SR-31-3	865	442	646	331	12.9#	18.71
		4"	251SR-31-4	683	352	519	267		
		6"	251SR-31-6	502	261	391	203		
		9"	251SR-31-9	412	225	328	178		
		12"	251SR-31-12	321	171	264	139		
32"	33"	3"	251SR-33-3	893	456	679	347	13.6#	19.44
		4"	251SR-33-4	705	363	544	280		
		6"	251SR-33-6	517	269	409	213		
		9"	251SR-33-9	424	231	341	185		
		12"	251SR-33-12	330	175	273	145		
36"	37"	3"	251SR-37-3	948	485	740	379	14.9#	20.88
		4"	251SR-37-4	748	385	590	304		
		6"	251SR-37-6	547	284	441	229		
		9"	251SR-37-9	447	244	366	199		
		12"	251SR-37-12	347	184	291	154		
38"	39"	3"	251SR-39-3	976	499	771	395	15.7#	21.61
		4"	251SR-39-4	769	395	614	316		
		6"	251SR-39-6	562	292	457	238		
		9"	251SR-39-9	459	251	379	207		
		12"	251SR-39-12	355	195	300	159		
44"	45"	3"	251SR-45-3	1060	543	863	448	17.8#	23.78
		4"	251SR-45-4	833	428	684	352		
		6"	251SR-45-6	607	315	473	291		
		9"	251SR-45-9	494	270	417	229		
		12"	251SR-45-12	381	205	327	173		
50"	51"	3"	251SR-51-3	1143	587	955	491	19.9#	25.95
		4"	251SR-51-4	896	461	754	388		
		6"	251SR-51-6	652	338	489	344		
		9"	251SR-51-9	529	289	455	251		
		12"	251SR-51-12	406	215	354	187		
54"	55"	3"	251SR-55-3	1199	616	1016	523	21.2#	27.40
		4"	251SR-55-4	939	483	800	412		
		6"	251SR-55-6	682	353	521	360		
		9"	251SR-55-9	553	302	480	265		
		12"	251SR-55-12	423	222	372	196		
58"	59"	3"	251SR-59-3	1255	645	1077	555	22.5#	28.85
		4"	251SR-59-4	981	505	846	436		
		6"	251SR-59-6	712	369	553	376		
		9"	251SR-59-9	576	315	505	279		
		12"	251SR-59-12	440	229	309	205		

★ 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 4" x 5.4 lb. structural frame add \$17.50 / 5' lg. section; \$35 / 10' lg. section.

★ Rollers set low – no charge – specify.



# ROLLER CURVES

## MODEL 251SRC

### 2 1/2" Dia. x 11 Ga. Straight Roller Curve

Nominal Roller Length	Width Between Rails	Model No.	90° Price	Weight (Lbs.)	45° Price	Weight (Lbs.)
12"	13"	251SRC-13-90S	\$343	172	\$225	95
14"	15"	251SRC-15-90S	358	185	237	102
16"	17"	251SRC-17-90S	382	200	253	108
18"	19"	251SRC-19-90S	399	218	265	115
22"	23"	251SRC-23-90S	445	245	284	130
26"	27"	251SRC-27-90S	479	275	315	145
30"	31"(A)	251SRC-31-90D	928	415	641	220
32"	33"(A)	251SRC-33-90D	1019	430	654	233
36"	37"(A)	251SRC-37-90D	1079	465	694	248
38"	39"(A)	251SRC-39-90D	1110	475	710	260
44"	45"(A)	251SRC-45-90D	1204	520	756	287
50"	51"(A)	251SRC-51-90D	1298	565	802	314
54"	55"(A)	251SRC-55-90D	1361	594	832	330
58"	59"(A)	251SRC-59-90D	1424	623	863	350

(A) 4'0" Inside Radius, all others 2' 8 1/2" Inside Radius.

### Tapered Roller Curve

Nominal Roller Length	Width Between Rails	Model No.	90° Price	Weight (Lbs.)	45° Price	Weight (Lbs.)
12"	13"	251SRC-13-90T	\$1544	145	\$850	86
14"	15"	251SRC-15-90T	1625	157	894	93
16"	17"	251SRC-17-90T	1710	169	941	100
18"	19"	251SRC-19-90T	1800	181	990	107
22"	23"	251SRC-23-90T	1894	212	1042	121
26"	27"	251SRC-27-90T	1993	296	1097	165
30"	31"	251SRC-31-90T	2097	330	1154	185
32"	33"	251SRC-33-90T	2207	348	1214	196
36"	37"	251SRC-37-90T	2323	382	1278	214
38"	39"	251SRC-39-90T	2445	427	1345	237
44"	45"	251SRC-45-90T	2573	506	1416	278
50"	51"	251SRC-51-90T	2708	585	1490	319
54"	55"	251SRC-55-90T	2850	629	1568	343
58"	59"	251SRC-59-90T	3000	673	1650	366

Note: This curve supplied with 39" I.R. only

## MODEL 267SRC

### 2 5/8" Dia. x 7 Ga. Straight Roller Curve

Nominal Roller Length	Width Between Rails	Model No.	90° Price	Weight (Lbs.)	45° Price	Weight (Lbs.)
12"	13"	267SRC-13-90S	\$448	201	\$278	110
14"	15"	267SRC-15-90S	476	215	296	117
16"	17"	267SRC-17-90S	507	240	315	125
18"	19"	267SRC-19-90S	525	263	327	138
22"	23"	267SRC-23-90S	584	300	362	158
26"	27"	267SRC-27-90S	628	345	393	177
30"	31"(A)	267SRC-31-90D	1157	462	835	240
32"	33"(A)	267SRC-33-90D	1185	485	859	255
36"	37"(A)	267SRC-37-90D	1263	510	909	268
38"	39"(A)	267SRC-39-90D	1294	545	940	280
44"	45"(A)	267SRC-45-90D	1387	605	1034	305
50"	51"(A)	267SRC-51-90D	1479	665	1127	330
54"	55"(A)	267SRC-55-90D	1541	709	1190	350
58"	59"(A)	267SRC-59-90D	1603	753	1252	370

(A) 4'0" Inside Radius, all others 2' 8 1/2" Inside Radius.

## MODEL 350SRC

### 3 1/2" Dia. x .30 Wall Gravity Conveyor

Nominal Roller Length	Width Between Rails	Model No.	90° Price	Weight (Lbs.)	45° Price	Weight (Lbs.)
6"	7"	350SRC-7-90S	\$1208	421	\$609	212
10"	11"	350SRC-11-90S	1374	549	693	286
14"	15"	350SRC-15-90S	1542	679	777	348
18"	19"	350SRC-19-90S	1712	809	861	408
22"	23"	350SRC-23-90S	1786	939	946	470
26"	27"	350SRC-27-90D	2049	1066	1030	535
30"	31"	350SRC-31-90D	2216	1196	1113	609
34"	35"	350SRC-35-90D	2385	1324	1197	662
38"	39"	350SRC-39-90D	2553	1453	1282	802
42"	43"	350SRC-43-90D	2617	1583	1314	858
46"	47"	350SRC-47-90D	2888	1712	1451	948
50"	51"	350SRC-51-90D	3059	1840	1535	1264

Note: 4' 0" Inside Radius on all 350SRC curves.

S = Single Roller  
D = Double Roller

## MODEL 138SRS

### 1 3/8" Dia. x 18 Ga. Galvanized Roller Spur (1.5" Roller Center)

Between Rail Width	Frame O.A.W.	Model No.	90° Price	Model No.	45° Spur Short Side Length 5'	Model No.	30° Spur Short Side Length 5'
10"	12"	138SRS-12-90	\$248	138SRS-12-45	\$315	138SRS-12-30	\$336
13"	15"	138SRS-15-90	263	138SRS-15-45	343	138SRS-15-30	361
16"	18"	138SRS-18-90	276	138SRS-18-45	371	138SRS-18-30	379
22"	24"	138SRS-24-90	389	138SRS-24-45	414	138SRS-24-30	433