

# Models "20SR & 20SRC" Gravity Roller Conveyor

## 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.

**Rollers** - 2" diameter x 12 gauge unplated steel tubing with swaged ends to provide a firm bearing seat and rounded ends. Tapered rollers in curve are 2 1/2" to 1 1/8" taper, unplated.

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

**Capacity** - 300 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.

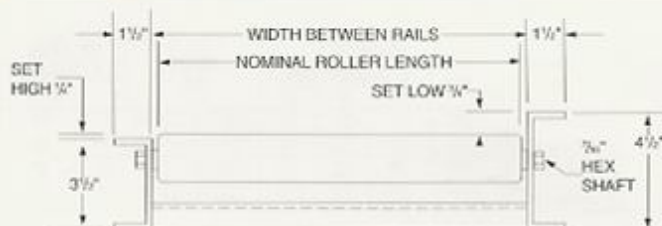
## CURVED SECTIONS - WEIGHTS

TAPERED ROLLERS					
	Nominal Roller Length (Inches)	Width Between Frames (Inches)	Model No.	90° Weight (lbs.)	45° Weight (lbs.)
20 Rollers Per Curve	12	13	20SRC-13-90T	104	58
	14	15	20SRC-15-90T	115	63
	16	17	20SRC-17-90T	126	68
	18	19	20SRC-19-90T	139	75
	20	21	20SRC-21-90T	171	91
	22	23	20SRC-23-90T	182	96
32 Rollers Per Curve	24	25	20SRC-25-90T	208	109
	26	27	20SRC-27-90T	234	122
	30*	31	20SRC-31-90T	348	179
	32*	33	20SRC-33-90T	359	185
	36*	37	20SRC-37-90T	381	197
	38*	39	20SRC-39-90T	420	215
STRAIGHT ROLLERS					
Single Rollers 22 Per 90° Curve	12	13	20SRC-13-90S	119	61
	14	15	20SRC-15-90S	131	68
	16	17	20SRC-17-90S	144	73
	18	19	20SRC-19-90S	155	80
	20	21	20SRC-21-90S	166	84
Double Rollers 42 Per 90° Curve	22	23	20SRC-23-90D	199	101
	24	25	20SRC-25-90D	211	106
	26	27	20SRC-27-90D	223	112
	30*	31	20SRC-31-90D	262	134
	32*	33	20SRC-33-90D	275	140
	36*	37	20SRC-37-90D	301	152
	38*	39	20SRC-39-90D	314	158

\*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"	20SR-13-3	3	207	105
		20SR-13-4 1/2	4 1/2	164	84
		20SR-13-6	6	139	70
		20SR-13-9	9	118	60
		20SR-13-12	12	104	53
14"	15"	20SR-15-3	3	227	115
		20SR-15-4 1/2	4 1/2	177	85
		20SR-15-6	6	148	76
		20SR-15-9	9	124	63
		20SR-15-12	12	109	56
16"	17"	20SR-17-3	3	245	124
		20SR-17-4 1/2	4 1/2	189	96
		20SR-17-6	6	158	80
		20SR-17-9	9	131	67
		20SR-17-12	12	113	58
18"	19"	20SR-19-3	3	284	133
		20SR-19-4 1/2	4 1/2	202	103
		20SR-19-6	6	167	85
		20SR-19-9	9	138	71
		20SR-19-12	12	118	61
20"	21"	20SR-21-3	3	284	144
		20SR-21-4 1/2	4 1/2	215	109
		20SR-21-6	6	176	90
		20SR-21-9	9	144	74
		20SR-21-12	12	123	63
22"	23"	20SR-23-3	3	302	153
		20SR-23-4 1/2	4 1/2	227	115
		20SR-23-6	6	187	95
		20SR-23-9	9	151	77
		20SR-23-12	12	127	65
24"	25"	20SR-25-3	3	321	162
		20SR-25-4 1/2	4 1/2	240	126
		20SR-25-6	6	196	99
		20SR-25-9	9	157	80
		20SR-25-12	12	132	67
26"	27"	20SR-27-3	3	341	172
		20SR-27-4 1/2	4 1/2	253	128
		20SR-27-6	6	206	104
		20SR-27-9	9	164	83
		20SR-27-12	12	137	69
30"	31"	20SR-31-3	3	379	191
		20SR-31-4 1/2	4 1/2	279	141
		20SR-31-6	6	224	113
		20SR-31-9	9	117	90
		20SR-31-12	12	147	75
32"	33"	20SR-33-3	3	389	201
		20SR-33-4 1/2	4 1/2	291	147
		20SR-33-6	6	233	118
		20SR-33-9	9	184	94
		20SR-33-12	12	152	78
36"	37"	20SR-37-3	3	436	219
		20SR-37-4 1/2	4 1/2	350	175
		20SR-37-6	6	317	160
		20SR-37-9	9	253	128
		20SR-37-12	12	161	82
38"	39"	20SR-39-3	3	455	229
		20SR-39-4 1/2	4 1/2	330	166
		20SR-39-6	6	262	133
		20SR-39-9	9	203	103
		20SR-39-12	12	166	84



# MODEL 20SR

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

**Straight Sections – 2.0" Dia. x 12 Ga. Steel Roller – 3 1/2" x 1 1/2" x 10 Ga. Painted 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"	2 1/4"	20SR-13-2 1/4	\$379	\$190	245	132	3.9#	\$10.10
		3"	20SR-13-3	312	165	200	110		
		4 1/2"	20SR-13-4 1/2	238	126	165	85		
		6"	20SR-13-6	198	108	134	68		
		9"	20SR-13-9	163	91	114	58		
		12"	20SR-13-12	140	80	101	52		
14"	15"	2 1/4"	20SR-15-2 1/4	412	206	282	152	4.5#	11.10
		3"	20SR-15-3	337	179	217	109		
		4 1/2"	20SR-15-4 1/2	256	136	181	92		
		6"	20SR-15-6	212	116	144	74		
		9"	20SR-15-9	176	97	122	62		
		12"	20SR-15-12	150	85	107	55		
16"	17"	2 1/4"	20SR-17-2 1/4	438	220	311	168	5.0#	11.85
		3"	20SR-17-3	358	189	234	118		
		4 1/2"	20SR-17-4 1/2	271	144	193	97		
		6"	20SR-17-6	224	123	152	77		
		9"	20SR-17-9	183	102	128	64		
		12"	20SR-17-12	158	89	111	56		
18"	19"	2 1/4"	20SR-19-2 1/4	476	238	341	184	5.6#	12.35
		3"	20SR-19-3	387	205	252	127		
		4 1/2"	20SR-19-4 1/2	293	155	206	105		
		6"	20SR-19-6	241	132	162	82		
		9"	20SR-19-9	198	110	134	69		
		12"	20SR-19-12	168	96	115	60		
20"	21"	2 1/4"	20SR-21-2 1/4	503	251	371	200	6.1#	13.15
		3"	20SR-21-3	409	216	271	136		
		4 1/2"	20SR-21-4 1/2	308	163	221	111		
		6"	20SR-21-6	254	138	171	87		
		9"	20SR-21-9	208	116	139	70		
		12"	20SR-21-12	176	99	120	61		
22"	23"	2 1/4"	20SR-23-2 1/4	535	268	402	217	6.6#	13.80
		3"	20SR-23-3	434	230	325	175		
		4 1/2"	20SR-23-4 1/2	326	172	241	129		
		6"	20SR-23-6	268	147	198	106		
		9"	20SR-23-9	219	121	157	85		
		12"	20SR-23-12	185	105	133	72		
24"	25"	2 1/4"	20SR-25-2 1/4	563	281	432	233	7.2#	14.20
		3"	20SR-25-3	456	240	344	184		
		4 1/2"	20SR-25-4 1/2	342	181	253	135		
		6"	20SR-25-6	280	153	208	111		
		9"	20SR-25-9	227	126	163	89		
		12"	20SR-25-12	193	109	138	73		
26"	27"	2 1/4"	20SR-27-2 1/4	572	286	461	250	7.7#	14.80
		3"	20SR-27-3	463	245	364	190		
		4 1/2"	20SR-27-4 1/2	347	183	265	141		
		6"	20SR-27-6	284	154	217	115		
		9"	20SR-27-9	229	128	170	92		
		12"	20SR-27-12	194	110	142	76		
30"	31"	2 1/4"	20SR-31-2 1/4	666	333	521	281	8.8#	16.45
		3"	20SR-31-3	339	284	402	213		
		4 1/2"	20SR-31-4 1/2	402	210	291	153		
		6"	20SR-31-6	328	179	233	125		
		9"	20SR-31-9	264	147	182	92		
		12"	20SR-31-12	221	125	153	81		
32"	33"	2 1/4"	20SR-33-2 1/4	704	352	552	297	9.4#	17.05
		3"	20SR-33-3	569	301	421	223		
		4 1/2"	20SR-33-4 1/2	424	222	303	161		
		6"	20SR-33-6	345	188	245	129		
		9"	20SR-33-9	277	154	223	102		
		12"	20SR-33-12	233	132	157	84		
36"	37"	2 1/4"	20SR-37-2 1/4	762	381	610	330	9.9#	17.75
		3"	20SR-37-3	614	324	459	241		
		4 1/2"	20SR-37-4 1/2	455	238	329	173		
		6"	20SR-37-6	370	202	264	140		
		9"	20SR-37-9	296	165	202	108		
		12"	20SR-37-12	247	140	167	88		
38"	39"	2 1/4"	20SR-39-2 1/4	783	392	640	346	11.0#	18.60
		3"	20SR-39-3	630	331	477	251		
		4 1/2"	20SR-39-4 1/2	466	245	341	179		
		6"	20SR-39-6	377	206	274	143		
		9"	20SR-39-9	302	168	208	112		
		12"	20SR-39-12	253	143	171	90		

★ 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")