

MODELS "20SR and 20SRC"

Gravity Roller Conveyor



STANDARD SPECIFICATIONS

Frames - 3 1/2" deep x 1 1/2" flange x 10 gauge powder painted formed 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 11/16" 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-13-2 1/4	2 1/4	253	162
		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-15-2 1/4	2 1/4	279	176
		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-17-2 1/4	2 1/4	305	190
		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-19-2 1/4	2 1/4	331	204
		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-21-2 1/4	2 1/4	357	218
		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-23-2 1/4	2 1/4	384	232
		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-25-2 1/4	2 1/4	410	246
		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-27-2 1/4	2 1/4	436	260
		20SR-27-3	3	341	172
		20SR-27-4 1/2	4 1/2	253	128
		20SR-27-6	6	205	104
		20SR-27-9	9	164	83
		20SR-27-12	12	137	69
30"	31"	20SR-31-2 1/4	2 1/4	488	288
		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-33-2 1/4	2 1/4	514	302
		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-37-2 1/4	2 1/4	566	329
		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-39-2 1/4	2 1/4	592	343
		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

