

MODEL 199S 1.9" DIA. X 9 GA. GRAVITY ROLLER CONVEYOR

24 HOUR SHIPMENTS INCLUDE ALL 1-FOOT INCREMENTS 1'-0" TO 10'-0" ON STRAIGHT SECTIONS



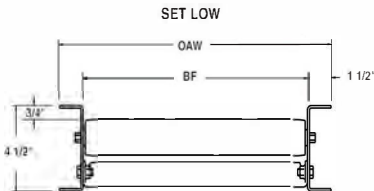
Optional: Use SM supports on page 138



Double roller design



Single roller design



SET LOW



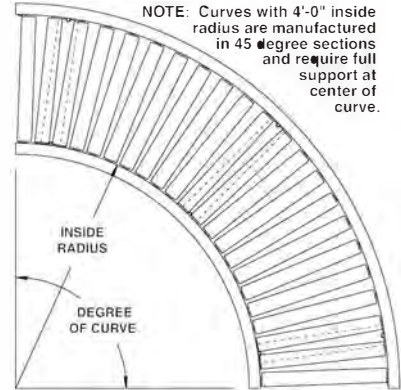
SET HIGH

STRAIGHT SECTION MODEL NUMBER
199S-51-3-H-10

199S-(between frames)-(roller centers)-
(set high or low)-(length)

CURVED SECTION MODEL NUMBER
199SC-37-H-90

199SC-(between frames)-(set high or low)-(degree)



NOTE: Curves with 4'-0" inside radius are manufactured in 45 degree sections and require full support at center of curve.

SPECIFICATIONS

ROLLERS: 1.9" x 9 ga. steel tubing, model 199S, with straight ends reamed to provide smooth bearing seats.

FRAMES: Formed steel painted channel 3-1/2" x 1-1/2" x 10 ga. set high; 4-1/2" x 1-1/2" x 10 ga. set low.

ROLLER CAPACITY: 260 lbs. per roller.

BEARINGS: Integral plain ball bearings, zinc plated, grease packed.

FRAME CAPACITY: 1300 lbs. max. distributed live load per 10' section with supports at 10' centers; 3200 lbs. at 5' ctrs.

COUPLINGS: Butt type.

AXLES: 7/16" hex shaft, spring loaded.

OPTIONAL FRAME: 4" @ 5.4 lbs. struc. steel channel frame, rollers 3/16" high, may vary due to structural tolerances.

STRAIGHT SECTION (WT lbs.)							CURVED SECTIONS						
Normal Roller Length	Between Frames	3" RC 10'	4.5" RC 10'	6" RC 10'	9" RC 10'	12" RC 10'	Curve Inside Radius	Curve Roller Design	90° Rollers Per Curve	90° WT. lbs.	45° Rollers Per Curve	45° WT. lbs.	
12"	13"	224	172	146	120	107	2'-8-1/2"	Single	22	217	9	120	
14"	15"	248	188	159	129	114	2'-8-1/2"	Single	22	246	1	134	
16"	17"	272	205	171	138	121	2'-8-1/2"	Single	22	274	9	147	
18"	19"	296	221	184	147	128	2'-8-1/2"	Single	22	303	9	161	
20"	21"	319	238	197	156	135	2'-8-1/2"	Single	22	331	9	175	
22"	23"	343	254	209	165	143	2'-8-1/2"	Double	41	360	17	188	
24"	25"	367	270	222	174	150	2'-8-1/2"	Double	41	388	17	202	
26"	27"	391	287	235	183	157	2'-8-1/2"	Double	41	417	17	216	
30"	31"	439	320	260	201	171	4'	Double	40	474	20	243	
32"	33"	462	336	273	210	178	4'	Double	40	503	20	257	
36"	37"	510	369	298	228	192	4'	Double	40	560	20	284	
38"	39"	534	385	311	237	199	4'	Double	40	589	20	298	
42"	43"	582	418	336	254	214	4'	Double	40	646	20	325	
46"	47"	629	451	362	272	228	4'	Double	40	703	20	353	
50"	51"	677	484	387	290	242	4'	Double	40	760	20	380	
Per Foot		12	8	6	4	4	Per Foot		-	14	-	7	

WARNING

Prevent pinch points that exist when gravity conveyors are permanently attached to power conveyors and other equipment!

■ 24 hour shipment

Roach Conveyors- Thomas Conveyor and Equipment
28 Hillside Avenue- Hillside- IL- 60162- www.tceconveyors.com
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28 Hillside Avenue • Hillside, IL 60162-0736

844-220-0086