

# MODEL 196S 1.9" DIA. X 16 GA. STEEL GRAVITY ROLLER CONVEYOR

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

**STRAIGHT SECTION MODEL NUMBER**  
196S-13-6-L-6

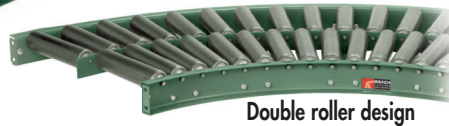
196S-(between frames)-(roller centers)-  
(set high or low)-(length)

**CURVED SECTION MODEL NUMBER**  
196SC-21-H-45

196SC-(between frames)-(set high or low)-(degree)



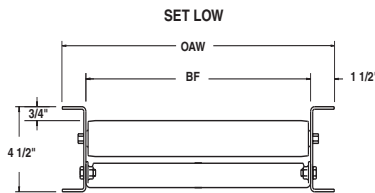
Optional: Use SM supports  
on page 138



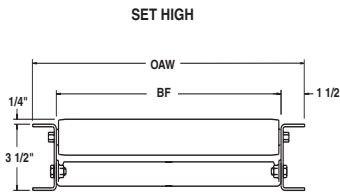
Double roller design



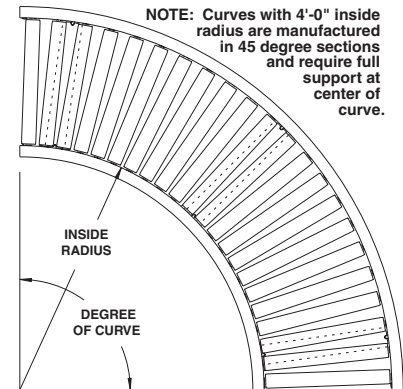
Single roller design



SET LOW



SET HIGH



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 16 ga. steel tubing, model 196S, with smooth swaged ends.

**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.

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

**FRAME CAPACITY:** 250 lbs. per roller, or 1300 lbs. maximum distributed live load per 10' section with supports at 10' centers; 3200 lbs. at 5' centers.

**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					
Nominal 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.
*6"	*7"	123	103	94	84	79	-	-	-	-	-	-
12"	13"	164	133	117	101	93	2'-8-1/2"	Single	22	217	11	120
14"	15"	178	142	124	106	97	2'-8-1/2"	Single	22	246	11	134
16"	17"	192	152	132	112	102	2'-8-1/2"	Single	22	274	11	147
18"	19"	206	162	140	118	107	2'-8-1/2"	Single	22	303	11	161
20"	21"	219	171	147	123	111	2'-8-1/2"	Single	22	331	11	175
22"	23"	233	181	155	129	116	2'-8-1/2"	Double	41	360	21	188
24"	25"	247	191	163	134	120	2'-8-1/2"	Double	41	388	21	202
26"	27"	261	200	170	140	125	2'-8-1/2"	Double	41	417	21	216
30"	31"	288	220	185	151	134	4'	Double	40	474	20	243
32"	33"	302	229	193	157	139	4'	Double	40	503	20	257
36"	37"	330	249	208	168	148	4'	Double	40	560	20	284
38"	39"	343	259	216	174	152	4'	Double	40	589	20	298
42"	43"	371	278	231	185	162	4'	Double	40	646	20	325
46"	47"	398	297	247	196	171	4'	Double	40	703	20	353
50"	51"	426	317	262	207	180	4'	Double	40	760	20	380

\*7" BF straight sections furnished with spring loaded shafts in set high position ONLY.



### WARNING

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

■ 24 hour shipment