

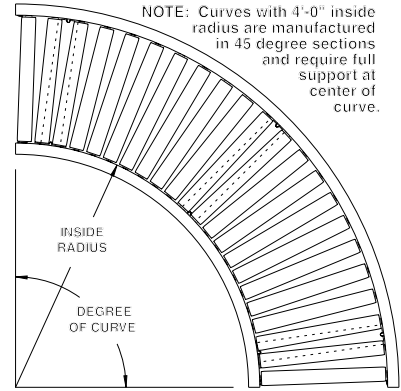
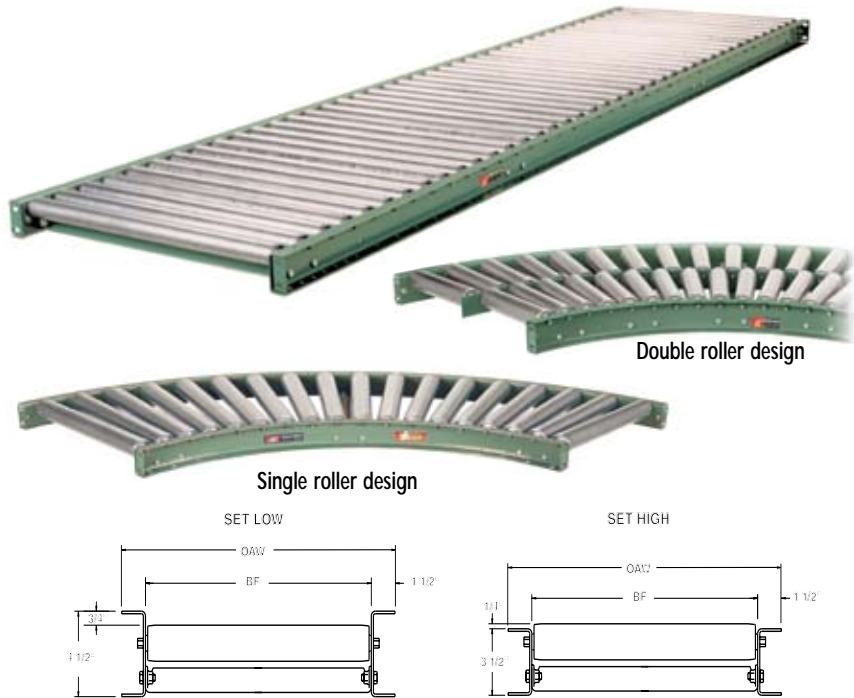
# MODEL 196G

## 1.9" DIA. X 16 GA. GALVANIZED STEEL GRAVITY ROLLER CONV.

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

**STRAIGHT SECTION MODEL NUMBER**  
**196G-21-3-H-9**  
 196G-(between frames)-(roller centers)-  
 (set high or low)-(length)

**CURVED SECTION MODEL NUMBER**  
**196GC-39-H-90**  
 196GC-(between frames)-(set high or low)-(degree)



### SPECIFICATIONS

**ROLLERS:** 1.9" x 16 ga. galv. steel tubing, model 196G, 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.

Normal Roller Length	Between Frames	STRAIGHT SECTION										CURVED SECTIONS					
		3" RC 10'	3" RC 5'	4.5" RC 10'	4.5" RC 5'	6" RC 10'	6" RC 5'	9" RC 10'	9" RC 5'	12" RC 10'	12" RC 5'	Curve Inside Radius	Curve Roller Design	90° Rollers Per Curve	90° WT. lbs.	45° Rollers Per Curve	45° WT. lbs.
*6"	*7"	129	66	112	58	100	52	89	46	84	44	-	-	-	-	-	-
12"	13"	166	84	140	72	118	60	102	52	93	48	2'-8-1/2"	Single	22	97	11	50
14"	15"	178	90	152	78	124	63	108	55	97	50	2'-8-1/2"	Single	22	105	11	53
16"	17"	190	96	160	81	130	66	112	57	100	51	2'-8-1/2"	Single	22	114	11	58
18"	19"	202	102	169	86	137	70	117	60	103	53	2'-8-1/2"	Single	22	122	11	63
20"	21"	216	109	180	91	143	73	120	61	106	54	2'-8-1/2"	Single	22	131	11	67
22"	23"	228	115	189	96	150	76	125	64	110	56	2'-8-1/2"	Double	41	161	21	82
24"	25"	240	122	198	98	156	79	129	65	112	57	2'-8-1/2"	Double	41	169	21	85
26"	27"	253	128	207	105	162	82	134	68	116	59	2'-8-1/2"	Double	41	177	21	89
30"	31"	276	140	225	114	174	88	142	72	122	62	4'	Double	40	211	20	108
32"	33"	291	147	236	119	180	91	147	75	125	64	4'	Double	40	220	20	112
36"	37"	317	160	257	130	193	98	155	79	131	67	4'	Double	40	238	20	120
38"	39"	329	166	265	134	200	102	160	82	135	69	4'	Double	40	247	20	124
42"	43"	354	179	284	144	213	108	169	87	141	72	4'	Double	40	265	20	132
44"	45"	366	185	294	148	219	112	173	89	144	74	4'	Double	40	274	20	136
46"	47"	379	191	304	153	225	115	178	91	148	76	4'	Double	40	283	20	140
50"	51"	404	204	323	163	238	121	187	96	154	79	4'	Double	40	301	20	148

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



### WARNING

To prevent pinch points that exist when gravity conveyors are permanently attached to power conveyors, use connector brackets with safety pop-out rollers shown on pg. 100.

■ 24 hour shipment

# 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)

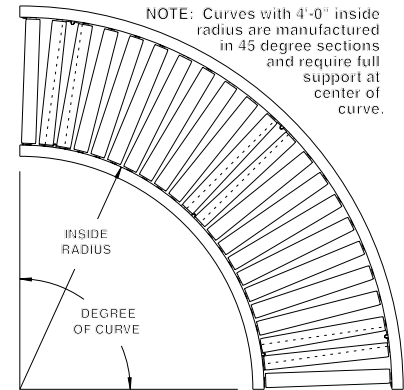
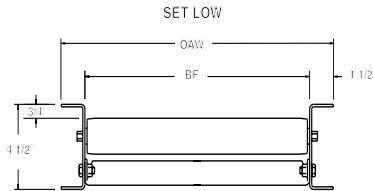
**CURVED SECTION MODEL NUMBER**  
**196SC-21-H-45**  
 196SC-(between frames)-(set high or low)-(degree)



Double roller design



Single roller design



### 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												CURVED SECTIONS					
Normal Roller Length	Between Frames	3" RC 10'	3" RC 5'	4.5" RC 10'	4.5" RC 5'	6" RC 10'	6" RC 5'	9" RC 10'	9" RC 5'	12" RC 10'	12" RC 5'	Curve Inside Radius	Curve Roller Design	90° Rollers Per Curve	90° WT. lbs.	45° Rollers Per Curve	45° WT. lbs.
*6"	*7"	129	66	112	58	100	52	89	46	84	44	-	-	-	-	-	-
12"	13"	166	84	140	72	118	60	102	52	93	48	2'-8-1/2"	Single	22	97	11	50
14"	15"	178	90	152	78	124	63	108	55	97	50	2'-8-1/2"	Single	22	105	11	53
16"	17"	190	96	160	81	130	66	112	57	100	51	2'-8-1/2"	Single	22	114	11	58
18"	19"	202	102	169	86	137	70	117	60	103	53	2'-8-1/2"	Single	22	122	11	63
20"	21"	216	109	180	91	143	73	120	61	106	54	2'-8-1/2"	Single	22	131	11	67
22"	23"	228	115	189	96	150	76	125	64	110	56	2'-8-1/2"	Double	41	161	21	82
24"	25"	240	122	198	98	156	79	129	65	112	57	2'-8-1/2"	Double	41	169	21	85
26"	27"	253	128	207	105	162	82	134	68	116	59	2'-8-1/2"	Double	41	177	21	89
30"	31"	276	140	225	114	174	88	142	72	122	62	4'	Double	40	211	20	108
32"	33"	291	147	236	119	180	91	147	75	125	64	4'	Double	40	220	20	112
36"	37"	317	160	257	130	193	98	155	79	131	67	4'	Double	40	238	20	120
38"	39"	329	166	265	134	200	102	160	82	135	69	4'	Double	40	247	20	124
42"	43"	354	179	284	144	213	108	169	87	141	72	4'	Double	40	265	20	132
44"	45"	366	185	294	148	219	112	173	89	144	74	4'	Double	40	274	20	136
46"	47"	379	191	304	153	225	115	178	91	148	76	4'	Double	40	283	20	140
50"	51"	404	204	323	163	238	121	187	96	154	79	4'	Double	40	301	20	148

\*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