

# MODEL 254S

## 2-1/2" DIA. X 14 GA. STEEL GRAVITY ROLLER CONVEYOR

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



Double roller design

Single roller design



### STRAIGHT SECTION MODEL NUMBER

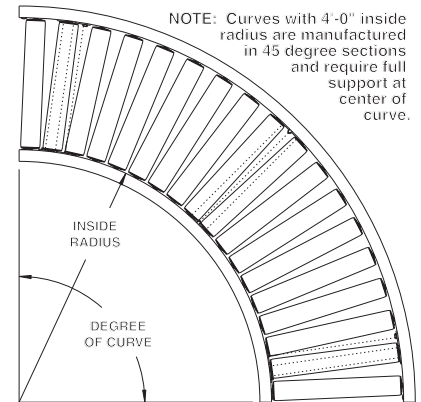
**254S-43-9-H-4**

254S-(between frames)-(roller centers)-  
(set high or low)-(length)

### CURVED SECTION MODEL NUMBER

**254SC-19-H-45**

254SC-(between frames)-(set high or low)-(degree)



### SPECIFICATIONS

**ROLLERS:** 2-1/2" x 14 ga. steel tubing, model 254S, 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.

**ROLLER CAPACITY:** 290 lbs. per roller.

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

**FRAME CAPACITY:** 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:** For structural steel channel frame, see next page.

### STRAIGHT SECTIONS

NOMINAL 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'
12"	13"	206	104	170	87	138	70	116	59	103	53
14"	15"	223	112	186	95	147	75	124	63	108	55
16"	17"	241	121	198	100	155	78	130	66	113	57
18"	19"	258	125	211	107	165	84	137	70	117	60
20"	21"	278	140	227	114	174	88	142	72	122	62
22"	23"	296	149	240	121	184	93	149	76	127	64
24"	25"	314	159	253	125	193	97	155	78	130	66
26"	27"	331	167	266	134	202	102	162	82	136	69
30"	31"	366	185	294	148	219	110	174	88	145	73
32"	33"	387	195	308	155	228	115	181	92	149	76
36"	37"	424	213	338	170	248	125	193	98	158	80
38"	39"	442	222	350	176	257	130	200	102	163	83
42"	43"	478	240	378	190	275	139	213	109	172	88
44"	45"	496	249	391	196	284	144	220	112	177	90
46"	47"	515	258	405	203	294	149	226	115	182	92
50"	51"	551	277	433	217	312	158	239	122	191	97

### CURVED SECTIONS

CURVE INSIDE RADIUS	CURVE ROLLER DESIGN	90° ROLLERS PER CURVE	90° WEIGHT LBS.	45° ROLLERS PER CURVE	45° WEIGHT LBS.
2'-8-1/2"	SINGLE	18	116	9	60
2'-8-1/2"	SINGLE	18	127	9	65
2'-8-1/2"	SINGLE	18	140	9	72
2'-8-1/2"	SINGLE	18	151	9	78
2'-8-1/2"	SINGLE	18	163	9	84
2'-8-1/2"	DOUBLE	37	193	17	99
2'-8-1/2"	DOUBLE	37	204	17	103
2'-8-1/2"	DOUBLE	37	215	17	109
4'-0"	DOUBLE	40	254	20	130
4'-0"	DOUBLE	40	266	20	136
4'-0"	DOUBLE	40	290	20	148
4'-0"	DOUBLE	40	302	20	153
4'-0"	DOUBLE	40	326	20	165
4'-0"	DOUBLE	40	338	20	170
4'-0"	DOUBLE	40	350	20	176
4'-0"	DOUBLE	40	374	20	188

### 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