



Professional Packaging Systems

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Contact

Our Packaging Experts
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Roach 254S 14 Gauge Gravity Roller Conveyors

At a Glance

- 2-1/2 inch diameter x 14 gauge steel rollers
- Straight and curved models
- Several widths

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.



Straight and Curved Model Numbers

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 gauge galvanized steel tubing, model 254S, with smooth swaged ends.

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

Roller Capacity: 260 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.

Please [contact Pro Pac](#) or call 888-318-0083 for your conveyors.

Straight Section (Wt Lbs)

Nominal Roller Length	Between Frames	3" RC 10'	4.5" RC 10'	6" RC 10'	9" RC 10'	12" RC 10'
12"	13"	183	144	125	106	96
14"	15"	203	158	136	113	102
16"	17"	222	172	146	121	108
18"	19"	242	185	157	129	114
20"	21"	262	199	168	136	120
22"	23"	281	213	178	144	127
24"	25"	301	226	189	151	133
26"	27"	321	240	199	159	139
30"	31"	360	267	221	174	151
32"	33"	380	281	231	182	157
36"	37"	419	308	253	197	169
38"	39"	439	322	263	205	175
42"	43"	478	349	284	220	188
46"	47"	518	376	306	235	200
50"	51"	557	404	327	250	212

Curved Section (Wt Lbs)

Nominal Roller Length	Between Frames	Curve Inside Radius	Curve Roller Design	90° Rollers per Curve	90° Wt. lbs.	45° Rollers per Curve	45° Wt. lbs.
12"	13"	2'-8-1/2"	Single	18	217	9	120
14"	15"	2'-8-1/2"	Single	18	246	1	134
16"	17"	2'-8-1/2"	Single	18	274	9	147
18"	19"	2'-8-1/2"	Single	18	303	9	161
20"	21"	2'-8-1/2"	Single	18	331	9	175
22"	23"	2'-8-1/2"	Double	37	360	17	188
24"	25"	2'-8-1/2"	Double	37	388	17	202
26"	27"	2'-8-1/2"	Double	37	417	17	216
30"	31"	4'	Double	40	474	20	243
32"	33"	4'	Double	40	503	20	257
36"	37"	4'	Double	40	560	20	284
38"	39"	4'	Double	40	589	20	298
42"	43"	4'	Double	40	646	20	325
46"	47"	4'	Double	40	703	20	353
50"	51"	4'	Double	40	760	20	380

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