



## Professional Packaging Systems

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## Contact

Our Packaging Experts  
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# Roach 251S 11 Gauge Steel Gravity Roller Conveyors

## At a Glance

- 2-1/2 inch diameter x 11 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 251S-51-3-H-8:**

251S-(between frames)-(roller centers)-(set high or low)-(length)

**Curved Section Model Number 251SC-33-L-90:**

251SC-(between frames)-(set high or low)-(degree)

## Specifications

**Rollers:** 2-1/2" x 11 gauge steel tubing, model 251S, with flanged type bearings pressed into straight ends.

**Roller Capacity:** 540 lbs. per roller.

**Bearings:** Precision ABEC bearings.

**Frames:** Formed steel painted channel 4" x 1-1/2" x 7 ga. set high; 5" x 1-1/2" x 7 gauge set low.

**Frame Capacity:** 3400 lbs. maximum distributed live load per 10' section with supports at 10' centers; 7500 lbs. at 5' centers.

**Couplings:** Butt type.

**Axles:** 11/16" hex shaft, spring loaded.

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## 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'
*6"	*7"	234	186	161	137	125
12"	13"	327	249	210	171	152
14"	15"	358	270	227	183	161
16"	17"	389	292	243	194	170
18"	19"	421	313	259	205	178
20"	21"	452	334	275	217	187
22"	23"	483	355	292	228	196
24"	25"	514	377	308	239	205
26"	27"	545	398	324	251	214
30"	31"	607	440	357	274	232
32"	33"	638	462	373	285	241
36"	37"	700	504	406	308	259
38"	39"	731	525	422	319	268
42"	43"	794	568	455	342	285
46"	47"	856	610	487	365	303
50"	51"	918	653	520	387	321

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

## 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.
*6"	*7"	-	-	-	-	-	-
12"	13"	2'-8-1/2"	Single	18	217	9	120
14"	15"	2'-8-1/2"	Single	18	246	9	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"	Single	18	360	9	188
24"	25"	2'-8-1/2"	Single	18	388	9	202
26"	27"	2'-8-1/2"	Single	18	417	9	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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