

ROLLER

Gravity Roller Conveyor (1 3/8 in. Dia. x 18 Ga. Rollers)



1 3/8 in. dia. Gravity Roller Conveyor is used to carry lightweight packages or when operation requires lightweight sections. Useful in setting up permanent or temporary conveyor lines in warehousing activities, shipping departments, assembly areas, etc. Majority of products will convey with minimum amount of pitch.

- 4 Widths
- 6 Roller Centers
- Powder Painted Steel or Aluminum Frames

STEEL FRAMES

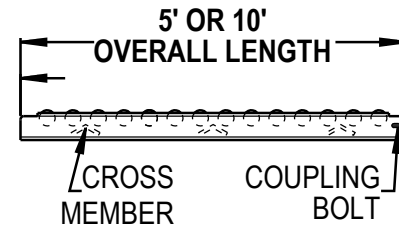
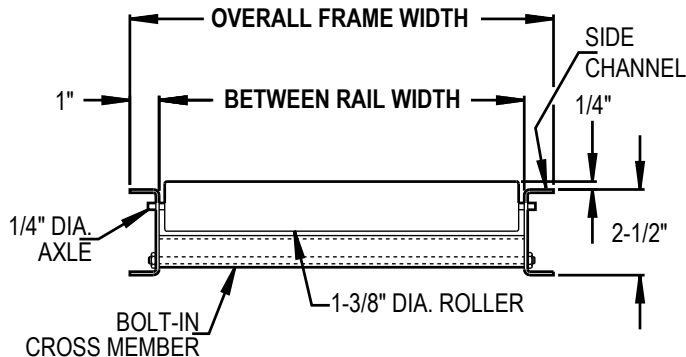
12" Overall Width				15" Overall Width				18" Overall Width				24" Overall Width			
Model No.	Roller Centers	Wgts. (Lbs.)		Model No.	Roller Centers	Wgts. (Lbs.)		Model No.	Roller Centers	Wgts. (Lbs.)		Model No.	Roller Centers	Wgts. (Lbs.)	
		5'	10'			5'	10'			5'	10'			5'	10'
SSR-12-1 1/2	1 1/2"	55	101	SSR-15-1 1/2	1 1/2"	62	112	SSR-18-1 1/2	1 1/2"	72	135	SSR-24-1 1/2	1 1/2"	91	168
SSR-12-3	3"	37	68	SSR-15-3	3"	42	78	SSR-18-3	3"	47	97	SSR-24-3	3"	58	108
SSR-12-4 1/2	4 1/2"	32	58	SSR-15-4 1/2	4 1/2"	33	61	SSR-18-4 1/2	4 1/2"	40	73	SSR-24-4 1/2	4 1/2"	47	88
SSR-12-6	6"	29	52	SSR-15-6	6"	30	55	SSR-18-6	6"	32	63	SSR-24-6	6"	42	78

All weights in catalog are conveyor weights only. Accessories, crating, etc., are not included.

ALUMINUM FRAMES

12" Overall Width				15" Overall Width				18" Overall Width				24" Overall Width			
Model No.	Roller Centers	Wgts. (Lbs.)		Model No.	Roller Centers	Wgts. (Lbs.)		Model No.	Roller Centers	Wgts. (Lbs.)		Model No.	Roller Centers	Wgts. (Lbs.)	
		5'	10'			5'	10'			5'	10'			5'	10'
SAR-12-1 1/2	1 1/2"	29	53	SAR-15-1 1/2	1 1/2"	33	56	SAR-18-1 1/2	1 1/2"	38	70	SAR-24-1 1/2	1 1/2"	48	88
SAR-12-3	3"	20	36	SAR-15-3	3"	23	41	SAR-18-3	3"	27	51	SAR-24-3	3"	30	56
SAR-12-4 1/2	4 1/2"	17	30	SAR-15-4 1/2	4 1/2"	18	32	SAR-18-4 1/2	4 1/2"	20	38	SAR-24-4 1/2	4 1/2"	25	46
SAR-12-6	6"	15	27	SAR-15-6	6"	16	29	SAR-18-6	6"	18	33	SAR-24-6	6"	22	41

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LOAD CAPACITY CHART			
Frame Material	Support Centers	Frame Capacity (Lbs.) Maximum Distributed Live Load Per Foot	Roller Capacity (Lbs.) Maximum Load Per Roller
Steel	5'	250	45
	10'	31	
Aluminum	5'	83	30
	10'	10	

• STANDARD SPECIFICATIONS

WIDTHS—12 in., 15 in., 18 in. and 24 in. overall.

FRAME—2 1/2 in. deep x 1 in. flange x 12 ga. powder painted formed steel or 1/8 in. heat-treated aluminum channel with bolt-in cross members.

COUPLINGS—Butt Couplings on Both Ends

LENGTHS—5 ft. and 10 ft. straight sections.

ROLLERS—1 3/8 in. dia. x 18 ga. galvanized steel or heat-treated aluminum tubing. Spring loaded axle allows roller to be easily removed or inserted.

AXLES—1/4 in. dia. round

CAPACITY—See Load Capacity Chart this page.

WHEEL

Gravity Skatewheel Curve Conveyor



Skatewheel curves add to the versatility of straight conveyors and provide excellent package orientation because of the differential action of wheels. Curves will convey product with minimum amount of pitch based on weight and size.

- 4 Widths
- Powder Painted Steel or Aluminum Frames
- Butt Coupling on Both Ends
- 30°, 45°, 60° & 90° Curves

STEEL FRAMES

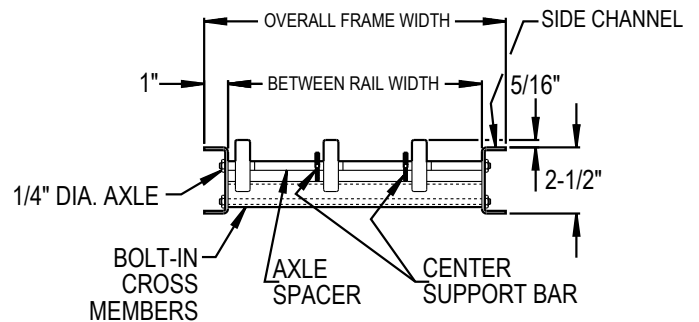
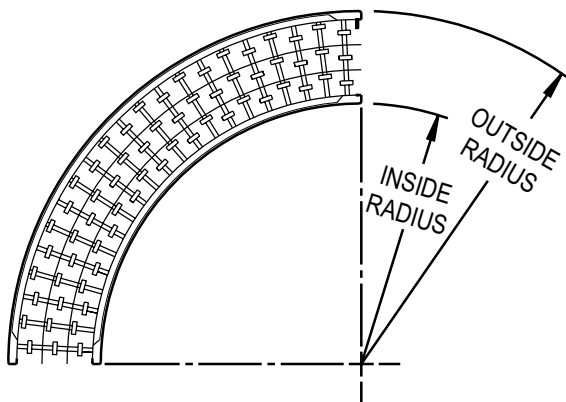
12" Overall Width (48" Outside Radius)				15" Overall Width (48" Outside Radius)				18" Overall Width (48" Outside Radius)				24" Overall Width (60" Outside Radius)			
Model No.	Degree	WPC	Wgts. (Lbs.)	Model No.	Degree	WPC	Wgts. (Lbs.)	Model No.	Degree	WPC	Wgts. (Lbs.)	Model No.	Degree	WPC	Wgts. (Lbs.)
SWC-12-90	90°	63	40	SWC-15-90	90°	84	46	SWC-18-90	90°	94	49	SWC-24-90	90°	156	72
SWC-12-60	60°	42	30	SWC-15-60	60°	56	35	SWC-18-60	60°	63	37	SWC-24-60	60°	102	54
SWC-12-45	45°	30	21	SWC-15-45	45°	40	23	SWC-18-45	45°	45	25	SWC-24-45	45°	78	37
SWC-12-30	30°	30	14	SWC-15-30	30°	40	16	SWC-18-30	30°	45	18	SWC-24-30	30°	60	23

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ALUMINUM FRAMES

12" Overall Width (48" Outside Radius)				15" Overall Width (48" Outside Radius)				18" Overall Width (48" Outside Radius)				24" Overall Width (60" Outside Radius)			
Model No.	Degree	WPC	Wgts. (Lbs.)	Model No.	Degree	WPC	Wgts. (Lbs.)	Model No.	Degree	WPC	Wgts. (Lbs.)	Model No.	Degree	WPC	Wgts. (Lbs.)
AWC-12-90	90°	63	22	AWC-15-90	90°	84	26	AWC-18-90	90°	94	28	AWC-24-90	90°	156	43
AWC-12-60	60°	42	17	AWC-15-60	60°	56	20	AWC-18-60	60°	63	21	AWC-24-60	60°	102	33
AWC-12-45	45°	30	12	AWC-15-45	45°	40	14	AWC-18-45	45°	45	15	AWC-24-45	45°	78	23
AWC-12-30	30°	30	8	AWC-15-30	30°	40	9	AWC-18-30	30°	45	10	AWC-24-30	30°	60	14

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INSIDE RADIUS	
Overall Width	Inside Radius
12"	36"
15"	33"
18"	30"
24"	36"

• STANDARD SPECIFICATIONS

WIDTHS—12 in., 15 in., 18 in., & 24 in. overall.

FRAME—2 1/2 in. deep x 1 in. flange x 12 ga. powder painted formed steel or 1/8 in. heat-treated aluminum channel with bolt-in cross members.

COUPLINGS—Butt Couplings on Both Ends.

CURVES—Curves have 48 in. outside radius on 12 in., 15 in., 18 in. widths and 60 in. outside radius on 24 in. width.

WHEELS—1 15/16 in. O.D. ball bearings run in hardened raceway with life-time lubrication. Corrosion resistant aluminum or zinc-coated steel.

AXLES—1/4 in. dia., threaded one end with locknut.

CAPACITY—Same per foot capacity as straight sections. See charts on previous page.

WHEEL

Gravity Skatewheel Spur Conveyor

Gravity Skatewheel Spurs are used to transfer products from one conveying line onto another. They can be used in merging or diverging applications. Ideally used where numerous lines must transfer onto a main conveyor line, from work stations or other similar operations.

- 4 Widths
- Powder Painted Steel or Aluminum Frames
- Right & Left Hand Units
- Butt Couplings on One End
- 30°, 45° & 90° Spurs



STEEL FRAMES

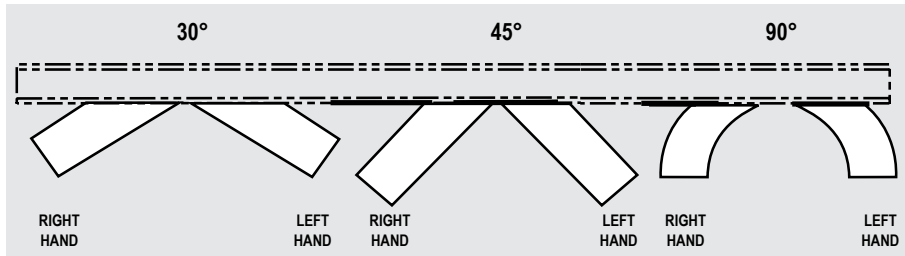
Overall Frame Width	Model No.	30° SPUR			Model No.	45° SPUR			Model No.	90° SPUR				
		"A"	WPS	Wgts. (Lbs.)		"A"	WPS	Wgts. (Lbs.)		"A"	"B"	"R"	WPS	Wgts. (Lbs.)
12"	SWS-12-30	24 3/8"	51	39	SWS-12-45	21"	54	39	SWS-12-90	30"	39 1/8"	36"	46	67
15"	SWS-15-30	30 3/8"	67	43	SWS-15-45	30"	70	43	SWS-15-90	39"	35 5/8"	33"	56	72
18"	SWS-18-30	36 3/8"	71	47	SWS-18-45	30"	77	47	SWS-18-90	39"	32 11/16"	30"	60	77
24"	SWS-24-30	48 3/8"	83	57	SWS-24-45	39"	97	57	SWS-24-90	51"	39 1/2"	36"	94	107

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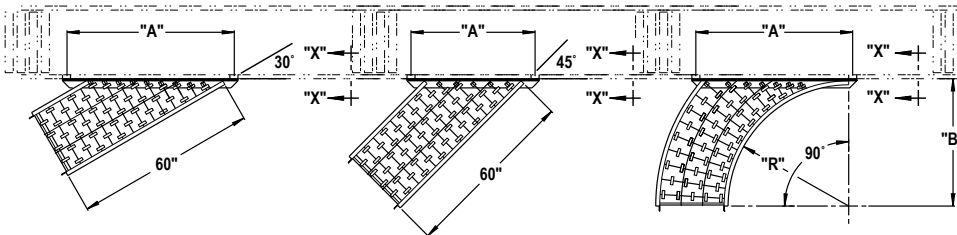
ALUMINUM FRAMES

Overall Frame Width	Model No.	30° SPUR			Model No.	45° SPUR			Model No.	90° SPUR				
		"A"	WPS	Wgts. (Lbs.)		"A"	WPS	Wgts. (Lbs.)		"A"	"B"	"R"	WPS	Wgts. (Lbs.)
12"	AWS-12-30	24 3/8"	51	26	AWS-12-45	21"	54	26	AWS-12-90	30"	39 1/8"	36"	46	45
15"	AWS-15-30	30 3/8"	67	29	AWS-15-45	30"	70	29	AWS-15-90	39"	35 5/8"	33"	56	47
18"	AWS-18-30	36 3/8"	71	32	AWS-18-45	30"	77	32	AWS-18-90	39"	32 11/16"	30"	60	51
24"	AWS-24-30	48 3/8"	83	38	AWS-24-45	39"	97	38	AWS-24-90	51"	39 1/2"	36"	94	71

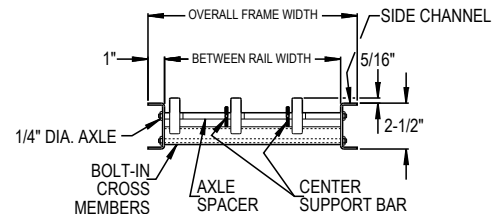
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For Conveyor Channel SIZE "A"	Order By Mounting Bracket No.	Drawing Number
2 1/2" x 12 Ga.	K-1	G-571-1
3 1/2" x 10 Ga.	K-2	G-571-2



SECTION "X-X"



• STANDARD SPECIFICATIONS

WIDTHS—12 in., 15 in., 18 in., & 24 in.

FRAME—2 1/2 in. deep x 1 in. flange x 12 ga. powder painted formed steel or 1/8 in. heat-treated aluminum channel with bolt-in cross members.

COUPLINGS—Butt Couplings on one end. Spur angle on opposite end. Mounting bracket available, specify.

SPUR ANGLE—30°, 45° & 90°. Right or left hand applications, specify.

WHEELS—1 15/16 in. O.D. ball bearings run in hardened raceway with life-time lubrication. Corrosion resistant zinc-coated steel.

AXLES—1/4 in. dia., threaded one end with locknut.

CAPACITY—Same per foot capacity as straight sections. See Gravity Skatewheel Conveyor.