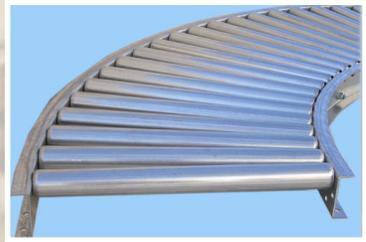


**SPECIFICATIONS & DATA**



*October 2005*

**GRAVITY CONVEYOR** by **UNEX**





# Table of Contents

<b>Skatewheel Conveyor Series SW</b>	
Straight Sections . . . . .	2
Curves & Spurs . . . . .	3
<b>1-3/8" Dia. Roller Conveyor Series JRS</b>	
Straight Sections . . . . .	4
Curves & Spurs . . . . .	5
<b>1.9" Dia. Roller Conveyor Series MRS</b>	
Straight Sections . . . . .	6
Curves . . . . .	7
<b>Accessories</b>	
Supports, Portable Tripod, "H"permanent . . . . .	8
Stops, Package & Fixed Angle . . . . .	9
Guard Rail, Adjustable & Fixed . . . . .	9
Gates, Manual . . . . .	10
Gates, Spring Assisted . . . . .	11
<b>Unex Policies</b>	
Sales, Order & Billing Policies . . . . .	12
Warranty . . . . .	12



# Series SW Skatewheel

STRAIGHT  
SECTIONS

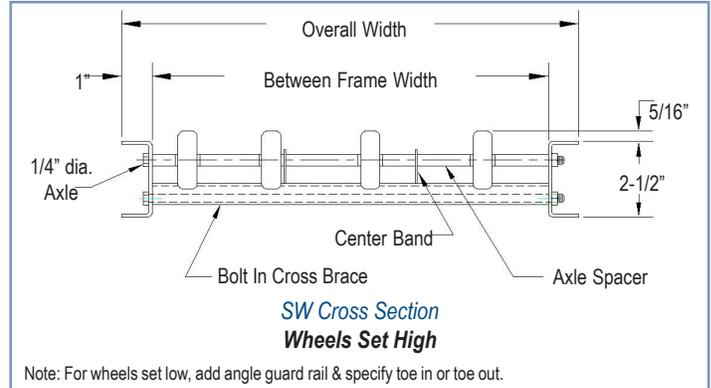
Gravity Skatewheel Conveyor is ideally suited to convey lightweight packages and where operations require portable or temporary conveyor lines such as warehousing or shipping areas.



- 4 Widths
- Axles on 3" Centers
- Steel or Aluminum Frames & Wheels
- Wheels Set High  
*for wheels set low, add angle guard rail*

### Standard Specifications

**WIDTH:** 12", 15", 18", and 24" OAW.  
**FRAME:** 2 1/2" deep x 1" flange x 12 ga. Galvanized steel or approximately 1/8" extruded aluminum channel with bolt in cross braces. (4 per 10 ft. section and 2 per 5 ft. section.)  
**COUPLINGS:** Hooks one end, rod on opposite end.  
**LENGTHS:** 10 ft. and 5 ft. straight sections. Special lengths available.  
**WHEELS:** 1-15/16" dia. with ball bearings in hardened raceway. Zinc plated steel or corrosion resistant aluminum.  
**AXLES:** 1/4" dia. steel, threaded one end with locknut, spaced on 3" centers. Spacers are zinc plated steel.  
**CAPACITY:** See Load Capacity Chart.



### Model Number Example

12	SW	G or A	S or A	10	x 10
overall conveyor width	conveyor series	G = galv. Steel frame A = Aluminum frame	S = Steel Wheel A = Aluminum wheel	Wheels per foot	Conv. length

### Load Capacity Chart

Frame Material	Support Centers	Frame Capacity*	Wheel Capacity
Steel	10 ft.	600 lbs.	50 lbs.
	5 ft.	2100 lbs.	
Aluminum	10 ft.	300 lbs.	25 lbs.
	5 ft.	1400 lbs.	

\*Maximum load, uniformly distributed

### STEEL FRAME/ STEEL WHEEL

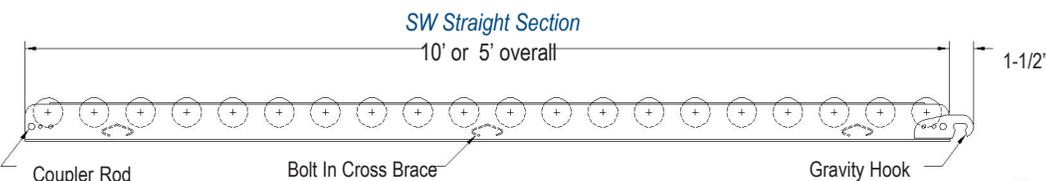
12" Overall Width				15" Overall Width				18" Overall Width				24" Overall Width			
Model No.	Wheels per foot	Weight (lbs.)		Model No.	Wheels per foot	Weight (lbs.)		Model No.	Wheels per foot	Weight (lbs.)		Model No.	Wheels per foot	Weight (lbs.)	
		10 ft.	5 ft.												
12SWGS10	10	67	34	15SWGS10	10	69	35	18SWGS14	14	79	40	24SWGS16	16	92	47
12SWGS12	12	70	36	15SWGS12	12	72	37	18SWGS16	16	83	42	24SWGS20	20	99	50
12SWGS16	16	77	39	15SWGS16	16	79	40	18SWGS18	18	86	44	24SWGS24	24	105	54

### ALUMINUM FRAME/ STEEL WHEEL

12" Overall Width				15" Overall Width				18" Overall Width				24" Overall Width			
Model No.	Wheels per foot	Weight (lbs.)		Model No.	Wheels per foot	Weight (lbs.)		Model No.	Wheels per foot	Weight (lbs.)		Model No.	Wheels per foot	Weight (lbs.)	
		10 ft.	5 ft.												
12SWAS10	10	46	25	15SWAS10	10	50	26	18SWAS14	14	60	31	24SWAS16	16	73	37
12SWAS12	12	51	26	15SWAS12	12	52	27	18SWAS16	16	63	32	24SWAS20	20	80	41
12SWAS16	16	58	30	15SWAS16	16	60	31	18SWAS18	18	66	34	24SWAS24	24	86	44

### ALUMINUM FRAME/ ALUMINUM WHEEL

12" Overall Width				15" Overall Width				18" Overall Width				24" Overall Width			
Model No.	Wheels per foot	Weight (lbs.)		Model No.	Wheels per foot	Weight (lbs.)		Model No.	Wheels per foot	Weight (lbs.)		Model No.	Wheels per foot	Weight (lbs.)	
		10 ft.	5 ft.												
12SWAA10	10	41	21	15SWAA10	10	43	22	18SWAA14	14	50	26	24SWAA16	16	62	31
12SWAA12	12	43	22	15SWAA12	12	45	23	18SWAA16	16	52	27	24SWAA20	20	66	34
12SWAA16	16	47	24	15SWAA16	16	49	25	18SWAA18	18	54	28	24SWAA24	24	70	36





# Series SW Skatewheel

CURVES  
& SPURS

## CURVES

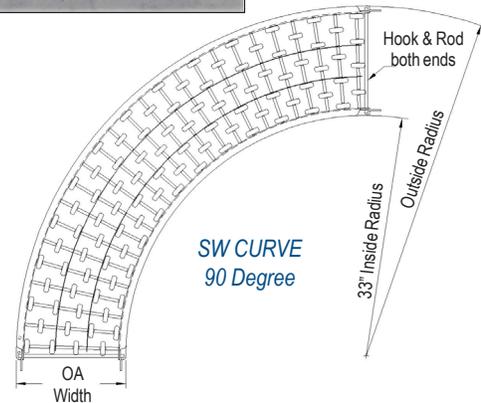
Skatewheel curves are compatible with straight sections, allowing flexibility to conveyor lines. They maintain package orientation due to the differential action of the individual wheels.

- 4 Widths
- Steel or Aluminum Frames & Wheels
- Gravity Hooks & Rods Both Ends
- 45 and 90 Degree Curves



OUTSIDE RADIUS	
Overall Width	Outside Radius
12"	45"
15"	48"
18"	51"
24"	57"

STEEL FRAME / STEEL WHEEL							
12" Overall Width				15" Overall Width			
Model No.	Degree	Wheels /Ft.	Wgt. (lbs.)	Model No.	Degree	Wheels /Ft.	Wgt. (lbs.)
1233SWG1290	90	12	41	1533SWG1290	90	12	43
1233SWG1245	45	12	22	1533SWG1245	45	12	23
18" Overall Width				24" Overall Width			
Model No.	Degree	Wheels /Ft.	Wgt. (lbs.)	Model No.	Degree	Wheels /Ft.	Wgt. (lbs.)
1833SWG1890	90	18	52	2433SWG2490	24	24	65
1833SWG1845	45	18	27	2433SWG2445	24	24	34
ALUMINUM FRAME / STEEL WHEEL							
12" Overall Width				15" Overall Width			
Model No.	Degree	Wheels /Ft.	Wgt. (lbs.)	Model No.	Degree	Wheels /Ft.	Wgt. (lbs.)
1233SWA1290	90	12	31	1533SWA1290	90	12	33
1233SWA1245	45	12	17	1533SWA1245	45	12	18
18" Overall Width				24" Overall Width			
Model No.	Degree	Wheels /Ft.	Wgt. (lbs.)	Model No.	Degree	Wheels /Ft.	Wgt. (lbs.)
1833SWA1890	90	18	42	2433SWA2490	24	24	54
1833SWA1845	45	18	22	2433SWA2445	24	24	28
ALUMINUM FRAME / ALUMINUM WHEEL							
12" Overall Width				15" Overall Width			
Model No.	Degree	Wheels /Ft.	Wgt. (lbs.)	Model No.	Degree	Wheels /Ft.	Wgt. (lbs.)
1233SWAA1290	90	12	25	1533SWAA1290	90	12	27
1233SWAA1245	45	12	15	1533SWAA1245	45	12	16
18" Overall Width				24" Overall Width			
Model No.	Degree	Wheels /Ft.	Wgt. (lbs.)	Model No.	Degree	Wheels /Ft.	Wgt. (lbs.)
1833SWAA1890	90	18	34	2433SWAA2490	24	24	44
1833SWAA1845	45	18	18	2433SWAA2445	24	24	24



### Standard Specifications

- WIDTH: 12", 15", 18", and 24" OAW  
 FRAME: 2 1/2" deep x 1" flange x 12 ga. Galvanized steel or approximately 1/8" extruded aluminum channel with bolt in cross braces. (3 per 90 degree and 2 per 45 degree curve)  
 COUPLINGS: Hooks and rod on both ends of curve.  
 CURVES: 90 degree and 45 degree with 33" inside radius.  
 WHEELS: 1-15/16" dia. with ball bearings in hardened raceway. Zinc plated steel or corrosion resistant aluminum.  
 AXLES: 1/4" dia. steel, threaded one end with locknut, spaced on 3" equivalent centers. Spacers are zinc plated steel.  
 CAPACITY: Same per foot capacity as straight sections.

Model Number Example						
12	33	SW	G or A	S or A	10	90
overall conveyor width	inside radius	conveyor series	G = galv. Steel frame A = Aluminum frame	S = Steel Wheel A = Aluminum Wheel	wheels per foot	degree of curve

## SPURS

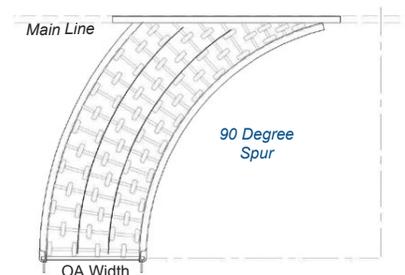
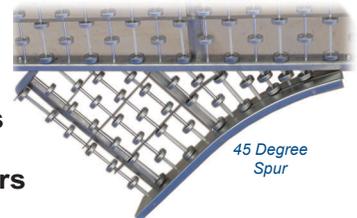
Skatewheel spurs are used to transfer product from one conveyor line to another. They may be used for merging or diverging applications.

### Standard Specifications

- WIDTH: 12", 15", 18", and 24" OAW  
 FRAME: 2 1/2" deep x 1" flange x 12 ga. Galvanized steel with bolt in cross braces.  
 COUPLINGS: Hooks and rod on one end, nesting channel on opposite end.  
 SPURS: 90 degree and 45 degree with 33" inside radius. Left or Right Hand, specify.  
 WHEELS: 1-15/16" dia. with ball bearings in hardened raceway. Zinc plated steel.  
 AXLES: 1/4" dia. steel, threaded one end with locknut, spaced on 3" equivalent centers. Spacers are zinc plated steel.  
 CAPACITY: Same per foot capacity as straight sections.

Model Number Example						
12	33	SW	SP	12	90	R or L
OA conveyor width	Inside Radius	Conveyor series	Spur	Wheels per foot	Degree of Spur	Right or Left hand

- 4 Widths
- Right & Left Hand Assemblies
- Gravity Hooks & Rods One End
- 45 and 90 Degree Spurs



For additional information contact  
UNEX GRAVITY SALES 800-800-1022



# Series JRS 1-3/8" Dia. Roller

STRAIGHT  
SECTIONS

1-3/8" diameter Gravity Roller Conveyor is ideally suited to convey light weight packages and where operations require portable or temporary conveyor lines such as warehousing or shipping areas.

### Standard Specifications

- WIDTH: 12", 15", 18" and 24" OAW  
 FRAME: 2-1/2" deep x 1" flange x 12 ga. galvanized steel or approximately 1/8" extruded aluminum channel with bolt in cross braces. (5 per 10 ft. section, 3 per 5 ft. section)  
 COUPLINGS: Hooks one end, rod on opposite end  
 LENGTHS: 10 ft. and 5 ft. straight sections. Special lengths available.  
 ROLLERS: 1-3/8" diameter x 18 gauge galvanized steel or .058 heat treated aluminum tubing. Oiled ball bearings both ends  
 AXLES: 1/4" diameter steel, spring loaded for easy installation or removal, spaced on 1-1/2", 3", 4-1/2" or 6" centers  
 CAPACITY: See Load Capacity Chart.



- 4 Widths
- 4 Roller Centers
- Steel or Aluminum Frame & Rollers
- Rollers Set High  
for rollers set low, add angle guard rail

### Model Number Example

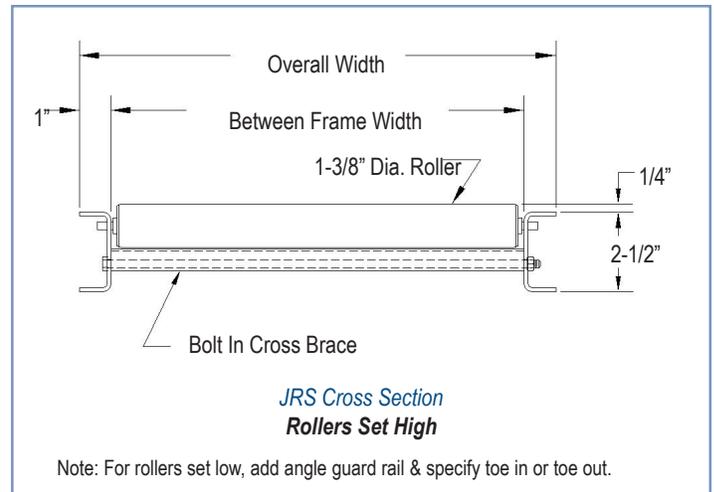
12	JRS	G or A	S or A	30	x 10
overall conveyor width	conveyor series	G = Galv. Steel Frame A = Aluminum frame	S = Galv. Steel Roller A = Alum. Roller	Roller Centers	Conv. Lgth.

### STEEL FRAME/ STEEL ROLLER

12" Overall Width				15" Overall Width			
Model No.	Roller Ctrs.	Wgt.(lbs.)		Model No.	Roller Ctrs.	Wgt.(lbs.)	
		10 ft.	5 ft.			10 ft.	5 ft.
12JRSGS1.5	1 1/2"	108	55	15JRSGS1.5	1 1/2"	126	64
12JRSGS30	3"	72	37	15JRSGS30	3"	82	42
12JRSGS4.5	4 1/2"	60	30	15JRSGS4.5	4 1/2"	66	34
12JRSGS60	6"	54	28	15JRSGS60	6"	60	31
18" Overall Width				24" Overall Width			
Model No.	Roller Ctrs.	Wgt.(lbs.)		Model No.	Roller Ctrs.	Wgt.(lbs.)	
		10 ft.	5 ft.			10 ft.	5 ft.
18JRSGS1.5	1 1/2"	145	74	24JRSGS1.5	1 1/2"	182	93
18JRSGS30	3"	92	47	24JRSGS30	3"	112	58
18JRSGS4.5	4 1/2"	73	38	24JRSGS4.5	4 1/2"	87	46
18JRSGS60	6"	65	34	24JRSGS60	6"	77	40

### ALUMINUM FRAME/ ALUMINUM ROLLER

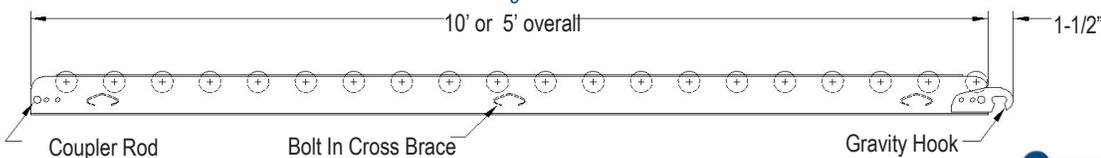
12" Overall Width				15" Overall Width			
Model No.	Roller Ctrs.	Wgt.(lbs.)		Model No.	Roller Ctrs.	Wgt.(lbs.)	
		10 ft.	5 ft.			10 ft.	5 ft.
12JRSA1.5	1 1/2"	62	32	15JRSA1.5	1 1/2"	72	38
12JRSA30	3"	40	21	15JRSA30	3"	45	24
12JRSA4.5	4 1/2"	32	17	15JRSA4.5	4 1/2"	36	19
12JRSA60	6"	28	15	15JRSA60	6"	32	17
18" Overall Width				24" Overall Width			
Model No.	Roller Ctrs.	Wgt.(lbs.)		Model No.	Roller Ctrs.	Wgt.(lbs.)	
		10 ft.	5 ft.			10 ft.	5 ft.
18JRSA1.5	1 1/2"	83	43	24JRSA1.5	1 1/2"	104	54
18JRSA30	3"	51	27	24JRSA30	3"	63	33
18JRSA4.5	4 1/2"	40	22	24JRSA4.5	4 1/2"	49	26
18JRSA60	6"	35	19	24JRSA60	6"	43	23



### Load Capacity Chart

Frame material	Support centers	Frame Capacity Maximum uniformly distributed load	Roller Capacity Maximum load per roller
Steel	10 ft.	550 lbs.	45 lbs.
	5 ft.	2100 lbs.	
Aluminum	10 ft.	275 lbs.	30 lbs.
	5 ft.	1200 lbs.	

### JRS Straight Section





# Series JRS 1-3/8" Dia. Roller

CURVES  
& SPURS

## CURVES

1-3/8" dia. Gravity Roller Curves are compatible with straight sections, allowing flexibility to conveyor lines. Optional guard rail may be added for product protection.

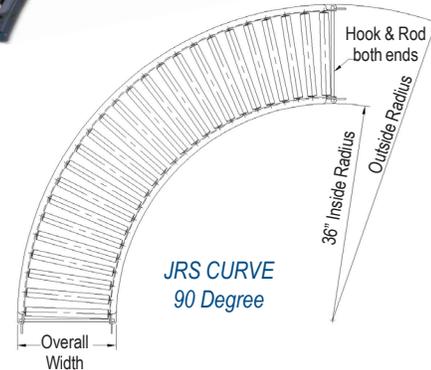
- 4 Widths
- Steel or Aluminum Frames & Rollers
- Gravity Hooks & Rods Both Ends
- 45 and 90 Degree Curves



OUTSIDE RADIUS	
Overall Width	Outside Radius
12"	48"
15"	51"
18"	54"
24"	60"

STEEL FRAME/STEEL ROLLER							
12" Overall Width				15" Overall Width			
Model No.	Degree	Roller Ctrs.	Wgt. (lbs.)	Model No.	Degree	Roller Ctrs.	Wgt. (lbs.)
1236JRSGS1.590	90	1 1/2"	56	1536JRSGS1.590	90	1 1/2"	66
1236JRSGS2.12590		3"	46	1536JRSGS2.12590		3"	53
1236JRSGS1.545	45	1 1/2"	29	1536JRSGS1.545	45	1 1/2"	34
1236JRSGS2.12545		3"	24	1536JRSGS2.12545		3"	28
18" Overall Width				24" Overall Width			
Model No.	Degree	Roller Ctrs.	Wgt. (lbs.)	Model No.	Degree	Roller Ctrs.	Wgt. (lbs.)
1836JRSGS1.590	90	1 1/2"	76	2436JRSGS1.590	90	1 1/2"	96
1836JRSGS2.12590		3"	61	2436JRSGS2.12590		3"	76
1836JRSGS1.545	45	1 1/2"	39	2436JRSGS1.545	45	1 1/2"	49
1836JRSGS2.12545		3"	31	2436JRSGS2.12545		3"	39

ALUMINUM FRAME/ALUMINUM ROLLER							
12" Overall Width				15" Overall Width			
Model No.	Degree	Roller Ctrs.	Wgt. (lbs.)	Model No.	Degree	Roller Ctrs.	Wgt. (lbs.)
1236JRSA1.590	90	1 1/2"	32	1536JRSA1.590	90	1 1/2"	37
1236JRSA2.12590		3"	26	1536JRSA2.12590		3"	30
1236JRSA1.545	45	1 1/2"	17	1536JRSA1.545	45	1 1/2"	19
1236JRSA2.12545		3"	14	1536JRSA2.12545		3"	16
18" Overall Width				24" Overall Width			
Model No.	Degree	Roller Ctrs.	Wgt. (lbs.)	Model No.	Degree	Roller Ctrs.	Wgt. (lbs.)
1836JRSA1.590	90	1 1/2"	42	2436JRSA1.590	90	1 1/2"	54
1836JRSA2.12590		3"	34	2436JRSA2.12590		3"	43
1836JRSA1.545	45	1 1/2"	22	2436JRSA1.545	45	1 1/2"	28
1836JRSA2.12545		3"	19	2436JRSA2.12545		3"	23



### Standard Specifications

- WIDTH: 12", 15", 18", and 24" OAW  
 FRAME: 2 1/2" deep x 1" flange x 12 ga. Galvanized steel or approximately 1/8" extruded aluminum channel with bolt in cross braces.  
 COUPLINGS: Hooks and rod on both ends of curve.  
 CURVES: 90 degree and 45 degree with 36" inside radius.  
 ROLLERS: 1-3/8" dia. X 18 gauge galvanized steel or .058 heat treated aluminum tubing. Oiled ball bearings both ends.  
 AXLES: 1/4" dia. steel, spring loaded for easy installation or removal, spaced on 1-1/2" or 3" equivalent centers.  
 CAPACITY: Same per foot capacity as straight sections.

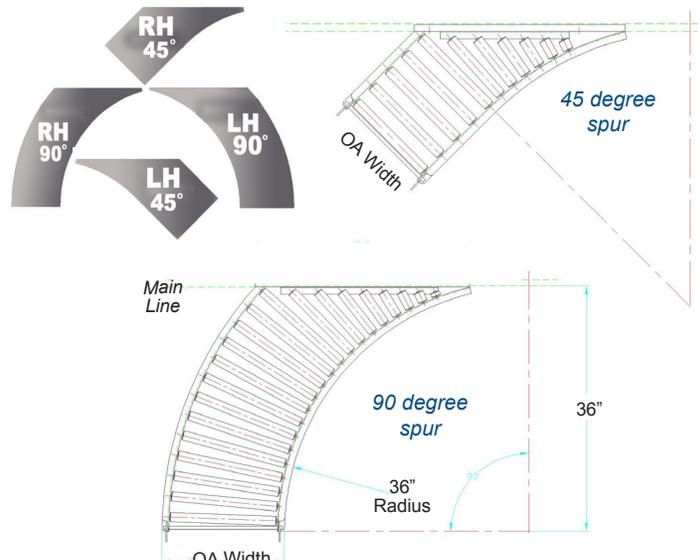
### Model Number Example

12	36	JRS	G or A	S or A	1.5	90
Overall Width	Inside Radius	1-3/8" Dia. Rollers Conv. Series	G = Galv. steel frame A = Aluminum frame	S = Galv. steel roller A = Aluminum roller	Roller Centers	Degree of curve

## SPURS

1-3/8" Dia. Gravity Roller Spurs are used to transfer product from one conveyor line to another. They may be used for merging or diverging applications.

- 4 Widths
- 45 and 90 Degree Spurs
- Right & Left Hand Assemblies
- Gravity Hooks & Rods One End



### Standard Specifications

- WIDTH: 12", 15", 18", and 24" OAW  
 FRAME: 2 1/2" deep x 1" flange x 12 ga. Galvanized steel channel with bolt in cross braces.  
 COUPLINGS: Hooks and rod on one end, nesting channel on opposite end.  
 SPURS: 90 degree and 45 degree with 36" inside radius. Left or Right Hand, specify.  
 ROLLERS: 1-3/8" dia. x 18 gauge galvanized steel tubing. Oil ball bearings both ends.  
 AXLES: 1/4" dia. steel, spring loaded for easy installation or removal, spaced on 3" equivalent centers.  
 CAPACITY: Same per foot capacity as straight sections.

### Model Number Example

12	36	JRS	SP	2.12	90	R or L
OA Conv. Width	Inside Radius	1 3/8" Roller Conv. Series	Spur	Roller Centers	Degree of Spur	Right or Left Hand



# Series MRS 1.9" Dia. Roller

STRAIGHT  
SECTIONS

1.9" diameter Gravity Roller Conveyor is used to convey light to medium weight packages in permanent installations.

- 4 Widths
- 3 Roller Centers
- Galvanized Steel Frame & Rollers
- Rollers Set High

for rollers set low, add angle guard rail



### Standard Specifications

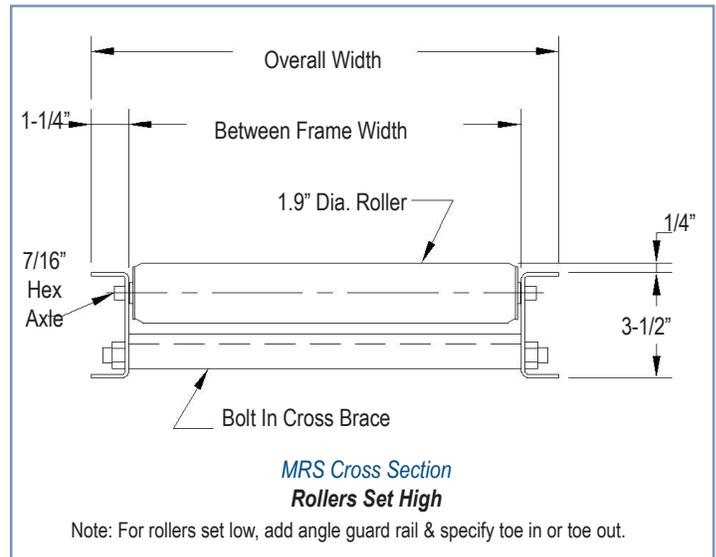
- WIDTH:** 12", 18", 24", and 30" nominal OAW. Actual is 1/2" less.
- FRAME:** 3-1/2" deep x 1-1/4" flange x 10 gauge galvanized steel channel with bolt in angle iron cross braces. (4 per 10 ft. section, 2 per 5 ft. section)
- COUPLINGS:** Optional bolt-in butt couplers
- LENGTHS:** 10 ft. and 5 ft. straight sections. Special lengths available.
- ROLLERS:** 1.9" diameter x 16 gauge galvanized steel tubing. Oiled ball bearings both ends
- AXLES:** 7/16" hex steel, spring loaded for easy installation or removal on 3", 4-1/2" or 6" centers
- CAPACITY:** See Load Capacity Chart.

### Model Number Example

<b>12</b>	<b>MRS</b>	<b>G</b>	<b>30</b>	<b>x 10</b>
OA conveyor Width	Conveyor Series	Galvanized Steel Frame and Rollers	Roller Centers	Conveyor Length

Overall WIDTH (Nominal)*	Between Frame Width	Model No.	Roller Centers	Weight (lbs.) 10 ft.
12"	9"	12MRSG30	3"	131
		12MRSG4.5	4 1/2"	106
		12MRSG60	6"	95
18"	15"	18MRSG30	3"	173
		18MRSG4.5	4 1/2"	134
		18MRSG60	6"	118
24"	21"	24MRSG30	3"	215
		24MRSG4.5	4 1/2"	163
		24MRSG60	6"	141
30"	27"	30MRSG30	3"	257
		30MRSG4.5	4 1/2"	191
		30MRSG60	6"	164

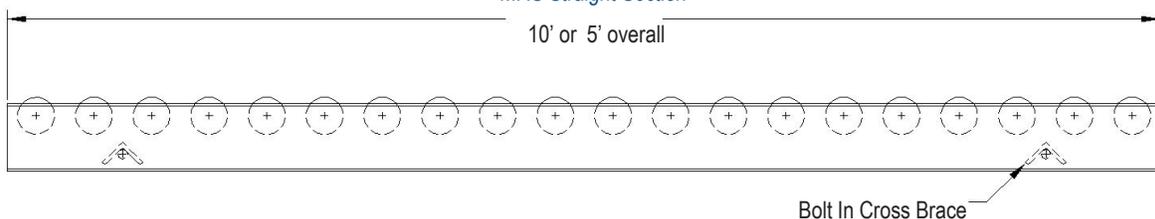
\*NOTE: Actual width is 1/2" less than nominal.



### Load Capacity Chart

Support centers	Frame Capacity	Roller Capacity
	Maximum uniformly distributed load	Maximum load per roller
10 ft.	1000 lbs.	170 lbs.
5 ft.	4000 lbs.	

### MRS Straight Section





# Series MRS 1.9" Dia. Roller

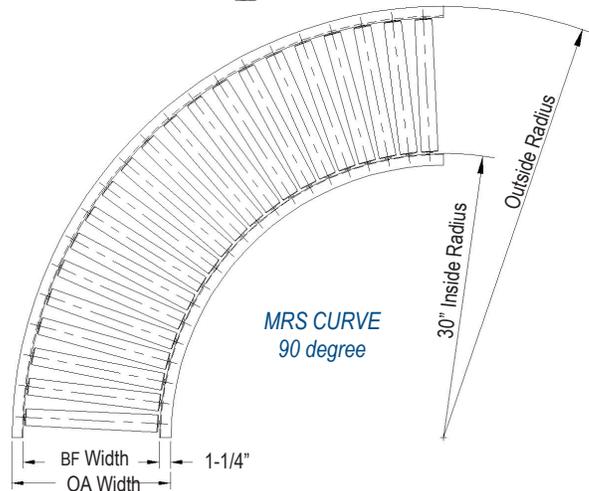
CURVES

## CURVES

1.9" dia. Gravity Roller Curves are compatible with straight sections, allowing flexibility to conveyor lines. Optional guard rail may be added for product protection.

- 4 Widths
- 2 Roller Centers
- 45 and 90 Degree Curves
- Rollers Set High

for rollers set low, add angle guard rail



Overall Width (Nominal)*	Between Frame Width	Model No.	Degree	Equivalent Roller Centers	Wgt. (lbs.)
12"	9"	1230MRSGS3090	90	3"	67
		1230MRSGS6090		6"	49
		1230MRSGS3045	45	3"	33
		1230MRSGS6045		6"	24
18"	15"	1830MRSGS3090	90	3"	90
		1830MRSGS6090		6"	64
		1830MRSGS3045	45	3"	46
		1830MRSGS6045		6"	32
24"	21"	2430MRSGS3090	90	3"	116
		2430MRSGS6090		6"	79
		2430MRSGS3045	45	3"	58
		2430MRSGS6045		6"	40
30"	27"	3030MRSGS3090	90	3"	159
		3030MRSGS6090		6"	108
		3030MRSGS3045	45	3"	81
		3030MRSGS6045		6"	56

OUTSIDE RADIUS	
Overall Width	Outside Radius
12"	40 1/4"
18"	46 1/4"
24"	52 1/4"
30"	58 1/4"

\*NOTE: Actual width is 1/2" less than nominal.

### Standard Specifications

- WIDTH: 12", 18", 24", and 30" OAW. Actual is 1/2" less.
- FRAME: 3-1/2" deep x 1-1/4" flange x 10 gauge Galvanized steel channel with bolt-in angle iron cross braces. (3 per 90 degree curve, 2 per 45 degree curve)
- COUPLINGS: Optional bolt in butt couplers.
- CURVES: 90 degree and 45 degree with 30" inside radius.
- ROLLERS: 1.9" dia. X 16 gauge galvanized steel tubing. Oiled ball bearings both ends.
- AXLES: 7/16" hex steel, spring loaded for easy installation or removal, spaced on equivalent 3" or 6" centers.
- CAPACITY: Same per foot capacity as straight sections.

Model Number Example					
12	30	MRS	G	3	90
OA Width	Inside Radius	1.9" Dia. Roller Conv. Series	Galvanized Steel Frame & Rollers	Roller Centers	Degree of curve

# Supports

## "H" TYPE PERMANENT FLOOR SUPPORTS "PC" SERIES

For use with skatewheel (SW) or 1 3/8" dia. roller conveyor (JRS)

Top bracket adjustable for pitch, boots for leveling with holes for lagging to floor.  
2 1/2" wide formed 12 gauge steel - welded and painted construction.  
Supports shipped knocked down.  
Note: Add 2 3/4" to support height for top of conveyor height. Single leg outboard support for use on outside radius of 90 degree curves



Model Number Example		
PC	2436	12
Support Series	Hgt. Adjustment	OA Conv. Width

## "H" TYPE PERMANENT FLOOR SUPPORTS "MPC" SERIES

For use with 1.9" dia. roller conveyor (MRS)

Top bracket adjustable for pitch, boots for leveling with holes for lagging to floor. 3 1/2" wide formed 12 gauge steel - welded and painted construction.  
Supports shipped knocked down.  
Note: Add 3 3/4" to support height for top of conveyor height. Single leg outboard support for use on outside radius of 90 degree curves.



"H" supports caster option available.

Model Number Example		
MPC	2436	12
Support Series	Height Adjustment	OA Conv. Width

Support Model No.	Support Height		Weight (Lbs.) OA Conveyor Width				Outboard Support Model No.	Wgt. (Lbs.)
	Min.	Max.	12"	15"	18"	24"		
PC411	4"	11"	8	8	8	8	OB411	5
PC1114	11"	14"	10	10	10	11	OB1114	6
PC1318	13"	18"	11	11	11	12	OB1318	6
PC1725	17"	25"	12	12	13	13	OB1725	7
PC2436	24"	36"	16	17	17	18	OB2436	10
PC3547	35"	47"	18	19	19	20	OB3547	11
PC4658	46"	58"	21	21	22	22	OB4658	12
PC5769	57"	69"	24	25	26	27	OB5769	13

Support Model No.	Support Height		Weight (Lbs.) Conveyor Width				Outboard Support Model No.	Wgt. (Lbs.)
	Min.	Max.	12"	18"	24"	30"		
MPC411	4"	11"	10	10	10	10	MOB411	6
MPC1114	11"	14"	15	15	17	17	MOB1114	9
MPC1318	13"	18"	16	16	18	18	MOB1318	10
MPC1725	17"	25"	18	18	21	21	MOB1725	15
MPC2436	24"	36"	26	26	30	30	MOB2436	15
MPC3547	35"	47"	30	30	33	33	MOB3547	18
MPC4658	46"	58"	32	32	36	36	MOB4658	22
MPC5769	57"	69"	39	39	45	45	MOB5769	27

## PORTABLE TRIPOD SUPPORTS

For use with skatewheel (SW) or 1 3/8" dia. roller conveyor (JRS)

Welded tubular construction with hand key adjustment locking. Note: Add 2" to support height for top of conveyor height.  
Option: Portable support available with 3" dia. swivel casters with wheel brake. (Adds 4" to support height)



Model Number Example		
T	1424	12
Support Series	Height Adjustment	OA Conveyor Width

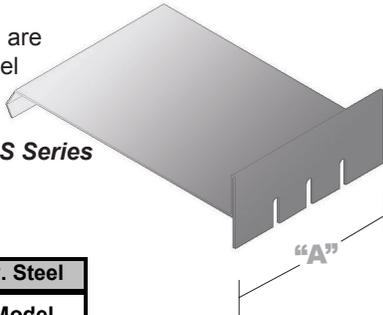
Model No.	Width	Support		Weight (lbs.)
		Min.	Max.	
T142412	12"	14"	24"	6
T244212		24"	42"	11
T305012		30"	50"	11
T427812		42"	78"	17
T142415	15"	14"	24"	6
T244215		24"	42"	11
T305015		30"	50"	12
T427815		42"	78"	17
T142418	18"	14"	24"	7
T244218		24"	42"	11
T305018		30"	50"	12
T427818		42"	78"	17
T142424	24"	14"	24"	7
T244224		24"	42"	11
T305024		30"	50"	12
T427824		42"	78"	17

# Stops & Guard Rail

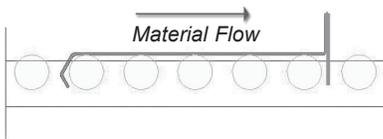
## PACKAGE STOP

"Dead" type package stops are simply placed on skatewheel (SW) or 1 3/8" dia. roller (JRS) conveyor sections.

**Note: Not for use with JRS Series conveyor with rollers on 1-1/2" centers.**

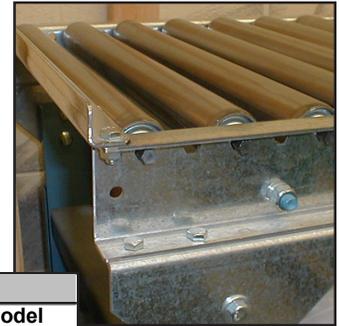


Package Stop - 12 ga galv. Steel		
OA Conv. Width	"A" Width	Model Number
12"	9 1/2"	12SSG
15"	12 1/2"	15SSG
18"	15 1/2"	18SSG
24"	21 1/2"	24SSG

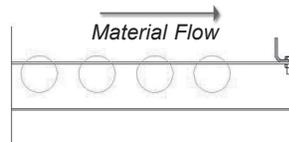


## FIXED ANGLE END STOP

Angle End Stop mounts to end of conveyor and bolts to top flange of conveyor side channels. Available in all standard conveyor widths.



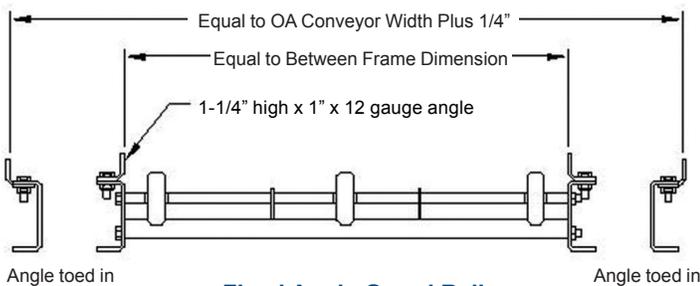
SW/JRS/MRS Angle Stop		
OA Conv. Width	Angle Size	Model Number
12"	1 1/4" x 1 1/4" x 10 Ga. Galv. Steel	12FAES
15"		15FAES
18"		18FAES
24"		24FAES
30"		30FAES



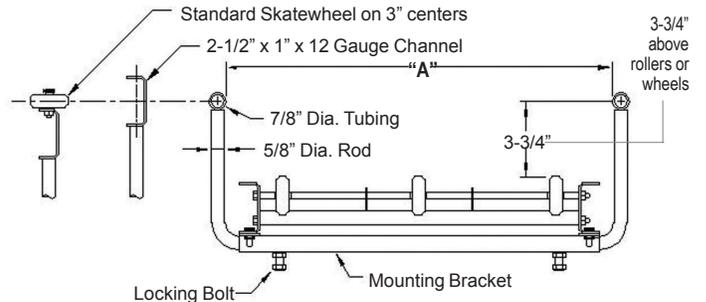
## GUARD RAIL

For use with SW, JRS, and MRS Series

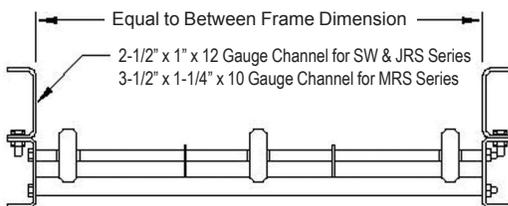
- All Guard Rail available for one or both sides.
- All Guard Rail is shipped loose for field mounting.



**Fixed Angle Guard Rail**



**Adjustable Guard Rail**



**Fixed Channel Guard Rail**

Clearance Range For Adjustable Guard Rail			
OA Width SW/JRS	"A" Adjustment	OA Width MRS	"A" Adjustment
12"	12 3/4" to 18 3/4"	12"	12 1/4" to 18 1/4"
15"	15 3/4" to 24 3/4"	18"	18 1/4" to 27 1/4"
18"	18 3/4" to 30 3/4"	24"	24 1/4" to 36 1/4"
24"	24 3/4" to 36 3/4"	30"	30 1/4" to 42 1/4"

# Gates

Gravity gates are available for SW, JRS, and MRS Series conveyor. They provide a means for personnel or equipment to pass through your conveyor line. They are available in plain hinge (Type 1) or Spring assisted (Type 2) versions. Type 2 gate springs are adjustable to provide minimal weight when lifting.

## MANUAL GATE

### Type 1

#### For Skatowheel (SW) Conveyor & 1 3/8" Dia. Roller (JRS) Conveyor

4 Widths - 12", 15", 18", 24" OAW  
 3 Ft, 4 Ft. or 5 Ft. lengths.  
 Steel or Aluminum Frames, Skatowheels and Rollers  
 2 1/2" x 1" channel frame - 12 Gauge Galvanized Steel or .112" Extruded Aluminum

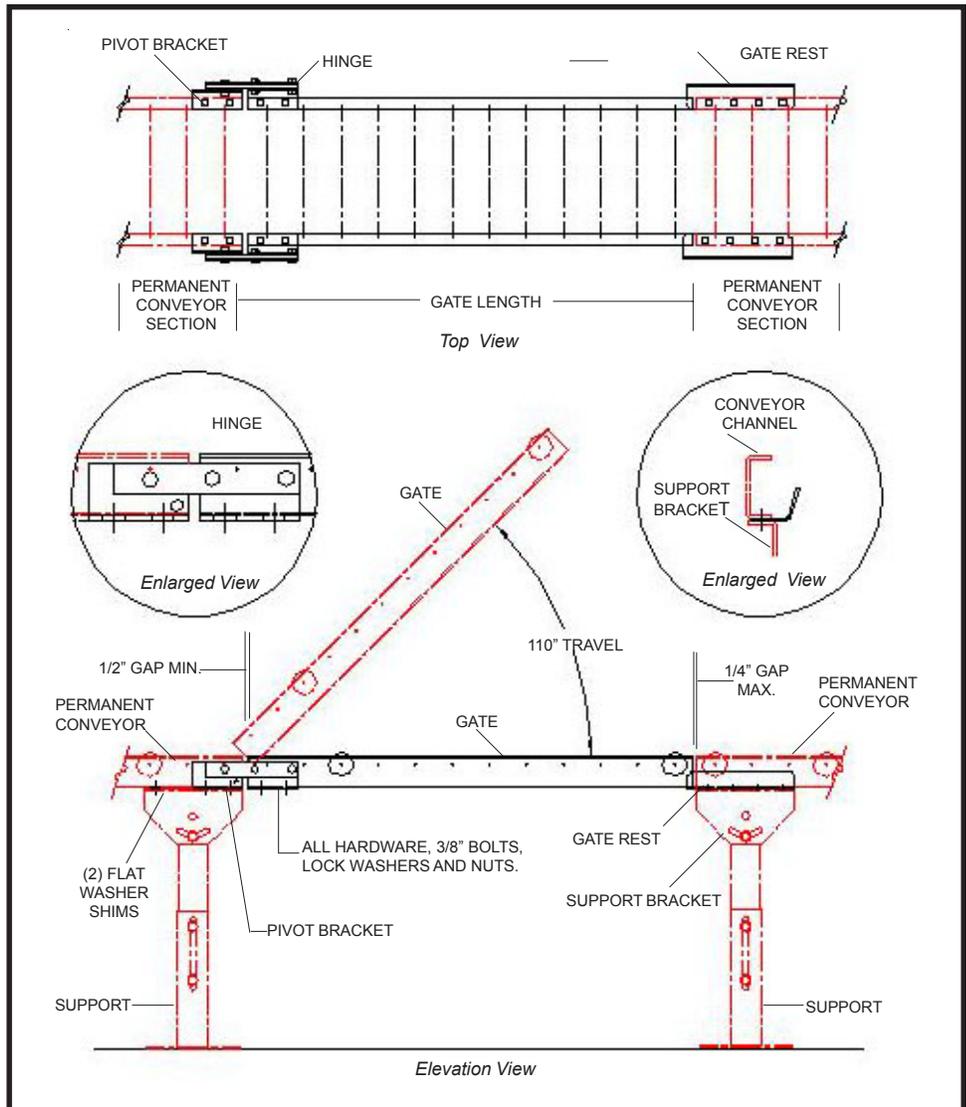
#### For 1.9" Dia. Roller (MRS) Conveyor

4 Widths - 12", 18", 24", 30" OAW  
 3 Ft, 4 Ft. or 5 Ft. lengths.  
 Galvanized Steel Frames and Rollers  
 3 1/2" x 1 1/4" channel frame  
 10 Gauge Galvanized steel.

**NOTE:**

1. Infeed section must be a minimum of 12" long and supports must be lagged to floor.
2. Gate part numbers are for hinge assemblies only and do not include conveyor section.

For use with JRS & SW		Type 1, Manual	
OA Conveyor Width	Type 1 Gate Hinge Kit Part No.	Wt. (lbs.)	
12"	T1GJRS/SW	19	
15"			
18"			
24"			
For use with MRS		Type 1, Manual	
OA Conveyor Width	Type 1 Gate Hinge Kit Part No.	Wt. (lbs.)	
12"	T1GMRS	20	
18"			
24"			
30"			



Manual Gate

# Gates

Gravity gates are available for SW, JRS, and MRS Series conveyor. They provide a means for personnel or equipment to pass through your conveyor line. They are available in plain hinge (Type 1) or Spring assisted (Type 2) versions. Type 2 gate springs are adjustable to provide minimal weight when lifting.

## SPRING ASSISTED GATE

### Type 2

#### For Skatwheeler (SW) Conveyor & 1 3/8" Dia. Roller (JRS) Conveyor

4 Widths - 12", 15", 18", 24" OAW  
 3 Ft, 4 Ft. or 5 Ft. lengths.  
 Steel or Aluminum Frames, Skatwheels and Rollers  
 2 1/2" x 1" channel frame - 12 Gauge Galvanized Steel or .112" Extruded Aluminum

#### 1.9" Dia. Roller (MRS) Conveyor

4 Widths - 12", 18", 24", 30" OAW  
 3 Ft, 4 Ft. or 5 Ft. lengths.  
 Galvanized Steel Frames and Rollers  
 3 1/2" x 1 1/4" channel frame  
 10 Gauge Galvanized steel.

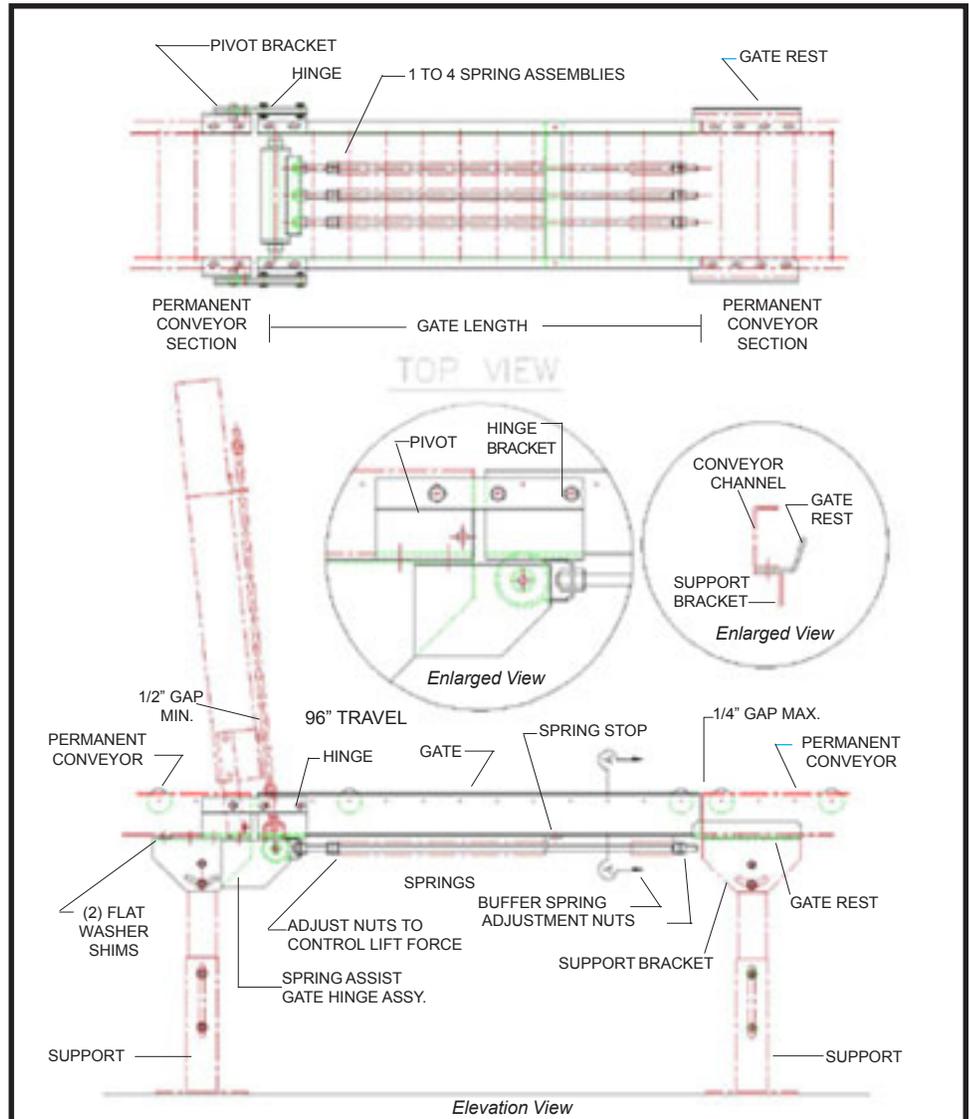
**NOTE:**

- Infeed section must be a minimum of 12" long and supports must be lagged to floor.
- Gate part numbers are for hinge assemblies only and do not include conveyor section.

For use with JRS & SW		Type 2, Spring Assist	
OA Conveyor Width	Type 2 Gate Hinge Kit Part No.	Wt. (lbs.)	
12"	T2G12JRS/SW	39	
15"	T2G15JRS/SW	41	
18"	T2G18JRS/SW	42	
24"	T2G24JRS/SW	45	

For use with MRS		Type 2, Spring Assist	
OA Conveyor Width	Type 2 Gate Hinge Kit Part No.	Wt. (lbs.)	
12"	T2G12MRS	40	
18"	T2G18MRS	43	
24"	T2G24MRS	46	
30"	T2G30MRS	49	



Spring Assisted Gate



# Policies & Conditions

## SALES POLICIES

**Distributors:** Unex markets through authorized material handling equipment distributors. Authorized distributors are assigned a Regional Manager as a contact person and given a customer number.

**Distributor Pricing:** UNEX offers distributor pricing on a per job basis. Ed Zurzuski, Manager of Gravity Conveyor Inside Sales, handles all price requests. Gravity Sales phone: 800-800-1022.

**End Users:** A purchase order can only have one End User. A purchase order for one end user can have more than one "Ship To" address if the ship dates are within 30 calendar days of each other. UNEX reserves the right to establish marketing and/or application contact with end users.

**National Accounts:** The marketing plan of UNEX Manufacturing, Inc. includes direct sales to a select list of accounts. List available upon request.

## ORDER POLICIES

**Purchase Orders:** All orders require a purchase order to be processed. Changes to purchase orders require a written revision and may effect scheduled ship dates. A revised confirmation will be sent to verify changes.

**Minimum Order:** \$40.00

**Acknowledgement of Order:** After receipt of a purchase order, UNEX will send an "acknowledgement" for approval signature. The acknowledgement will identify the list of equipment ordered, net amount, terms, "Ship To" address and scheduled ship date. The signed acknowledgement must be promptly returned to UNEX to confirm & activate the order.

**Cancellation Charges:** Cancellation of orders must be in writing. Cancellation policy applies to standard products. Items identified as "SPECIAL" can not be cancelled. Orders may be canceled prior to the production process upon factory approval. Orders canceled during the production process will be charged 20%. **Orders 7 days or less from scheduled ship date, are not cancelable. Full Charge**

**Shipping:** All shipments unless otherwise confirmed will be F.O.B. Jackson, NJ. 08527. Freight class 77.5

## BILLING POLICIES

**Terms:** All shipments will be billed net 30 days subject to credit limitations.

**Direct Billing:** Unex reserves the right to perform the direct billing when the sale amount exceeds the distributors established credit line or at the request of the distributor. When the occasion for direct billing occurs, a purchase order is required from the responsible billing party. The quoted price will be no higher than list price less the appropriate end user discount.

Commission on Direct Billing – the distributor commission will be the difference between the sell price and the distributor net price less a 2% direct billing fee.

### UNEX GRAVITY CONVEYOR WARRANTY

UNEX Manufacturing Inc. warrants that Unex gravity conveyor products (formerly Speedways by UNEX) manufactured by UNEX shall be free of defects in workmanship and materials for a period of two years from point of shipment and is of the kind and quality described in the order/invoice. This warranty is subject to the equipment being applied under normal use and within the published guidelines. Should any equipment failure occur within the warranty period, UNEX will replace or repair said equipment upon prompt notification and substantiation of equipment defect.



# GRAVITY CONVEYOR by UNEX



Other Unex Products:

## SPAN-TRACK

by UNEX



The patented, original full width roller carton flow track. Better flow, no shelves, high capacity.  
**Add to any pallet rack**



Add to flow rack shelves.  
**Replaces plastic wheels**

## Roller Rack™

Span-Track-Ready Framework **by Unex**



Uprights, Beams & Span-Track  
**Pre-Engineered Carton Flow Units**

## FLOW CELL™

by UNEX



Modular Flow-Thru  
**Workstations**



**Unex Manufacturing Inc.**

50 Progress Place Jackson, NJ 08527  
 800-695-7726 fax 732-928-2828 [www.unex.com](http://www.unex.com)