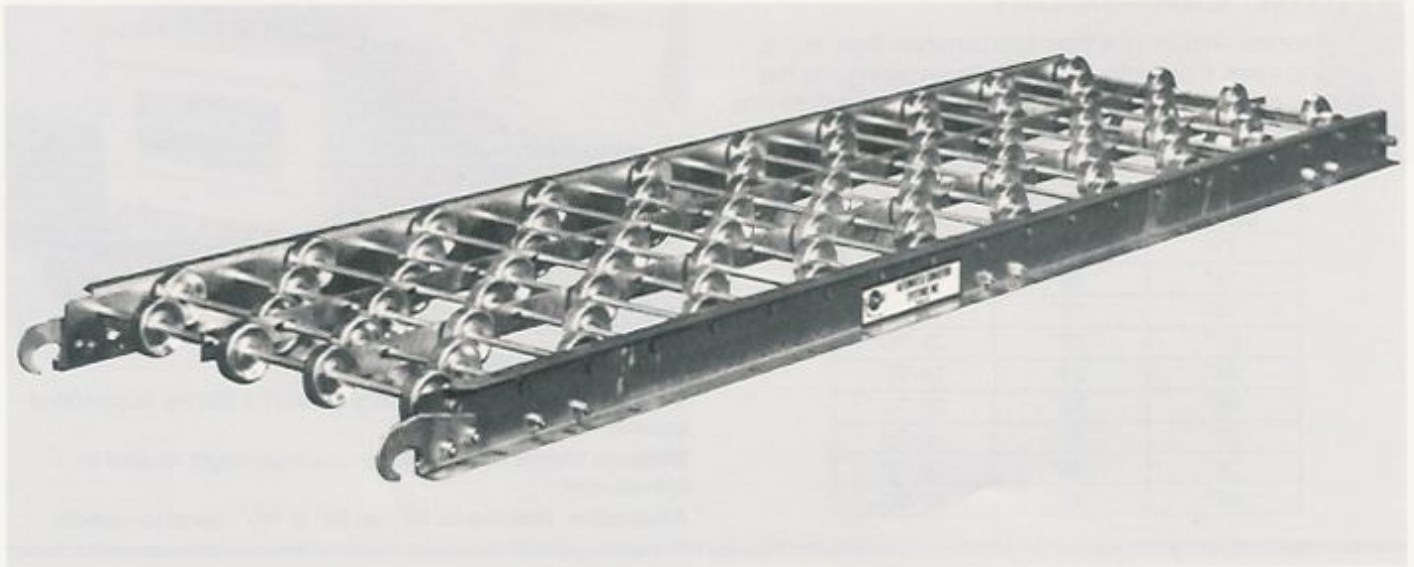
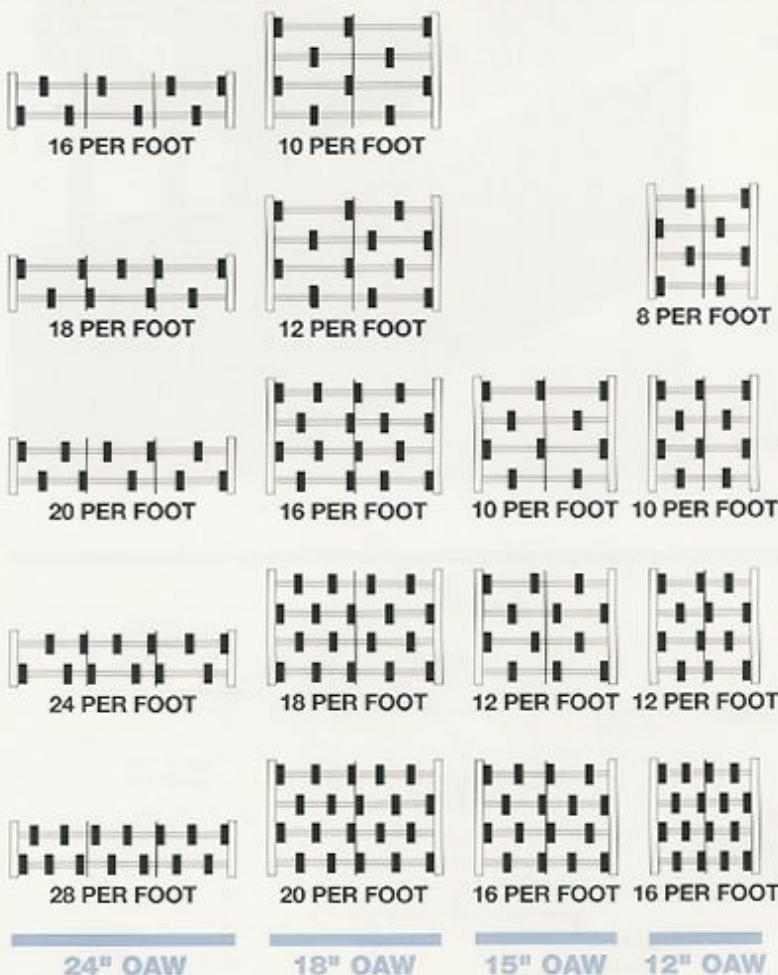


Gravity Skatewheel Conveyor



Typical Wheel Patterns



STANDARD SPECIFICATIONS

Frame - Frames are 2½" X 1" x 12 gauge galvanized steel or 2½" x 1" x ½" aluminum formed channels. The 12", 15" and 18" wide sections have one ½" x 1" axle supports and the 24" wide has two ½" x 1" axle supports.

Wheels - Zinc plated steel or aluminum wheels are 1½" diameter x ⅝" face with a steel hardened raceway and a ⅜" wide cone. Each wheel contains (7) ¼" hardened and ground steel balls. The lightly oiled baffled construction is designed to keep dirt out.

Cross Braces - 5 ft. long sections have (2) bolted cross members and 10 ft. long sections have (3) bolted cross members.

Axles - All axles are ¼" diameter cold drawn steel, set on 3" centers and secured with a ¼" - 20 stop nut.

Wheel Capacity - Steel, 50 lbs; aluminum, 45 lbs.

Wheels Per Foot - Standard patterns include 8, 10, 12, 16, 18, 20, 24 and 28 wheels per foot.

Couplings - Each 5' and 10' section is equipped with a hook and rod connector. The slotted hook permits minor lateral movement. No tools are necessary for assembly, just hook together.

Widths - Standard widths are 12", 15", 18" and 24".

Lengths - Standard lengths are 5' and 10'.

Curves - Standard curves are 45° and 90°. The outside radius is 4 feet. Capacity same as straight sections.

Conveyor Capacity - See Capacity Chart.

Gravity Skatewheel Conveyor

GALVANIZED STEEL STRAIGHT SECTIONS

Model	Wheels Per Foot	Weight	
		10'	5'
12G8-25	8	65	35
12G10-25	10	68	37
12G12-25	12	72	38
12G16-25	16	80	43

Model	Wheels Per Foot	Weight	
		10'	5'
-	-	-	-
15G10-25	10	73	40
15G12-25	12	78	43
15G16-25	16	87	48

Model	Wheels Per Foot	Weight	
		10'	5'
18G10-25	10	72	38
18G12-25	12	77	41
18G16-25	16	87	46
18G18-25	18	92	49
18G20-25	20	98	53

Model	Wheels Per Foot	Weight	
		10'	5'
24G16-25	16	95	52
24G18-25	18	100	55
24G20-25	20	103	57
24G24-25	24	112	62
24G28-25	28	118	65

GALVANIZED STEEL CURVE SECTIONS

Model	Wheels Per Foot	Weight	
		90°	45°
12G90-25	12	72	-
12G45-25	12	-	35

Model	Wheels Per Foot	Weight	
		90°	45°
15G90-25	12	77	-
15G45-25	12	-	40

Model	Wheels Per Foot	Weight	
		90°	45°
18G90-25	18	82	-
18G45-25	18	-	46

Model	Wheels Per Foot	Weight	
		90°	45°
24G90-25	24	112	-
24G45-25	24	-	60

ALUMINUM STRAIGHT SECTIONS

Model	Wheels Per Foot	Weight	
		10'	5'
12A8-25	8	35	19
12A10-25	10	36	20
12A12-25	12	39	21
12A16-25	16	43	23

Model	Wheels Per Foot	Weight	
		10'	5'
-	-	-	-
15A10-25	10	39	22
15A12-25	12	42	23
15A16-25	16	44	26

Model	Wheels Per Foot	Weight	
		10'	5'
18A10-25	10	40	20
18A12-25	12	41	22
18A16-25	16	46	25
18A18-25	18	49	27
18A20-25	20	52	28

Model	Wheels Per Foot	Weight	
		10'	5'
24A16-25	16	51	28
24A18-25	18	53	29
24A20-25	20	55	30
24A24-25	24	59	32
24A28-25	28	63	34

ALUMINUM CURVE SECTIONS

Model	Wheels Per Foot	Weight	
		90°	45°
12A90-25	12	45	-
12A45-25	12	-	23

Model	Wheels Per Foot	Weight	
		90°	45°
15A90-25	12	48	-
15A45-25	12	-	25

Model	Wheels Per Foot	Weight	
		90°	45°
18A90-25	18	51	-
18A45-25	18	-	27

Model	Wheels Per Foot	Weight	
		90°	45°
24A90-25	24	65	-
24A45-25	24	-	34

Frame Capacity Chart

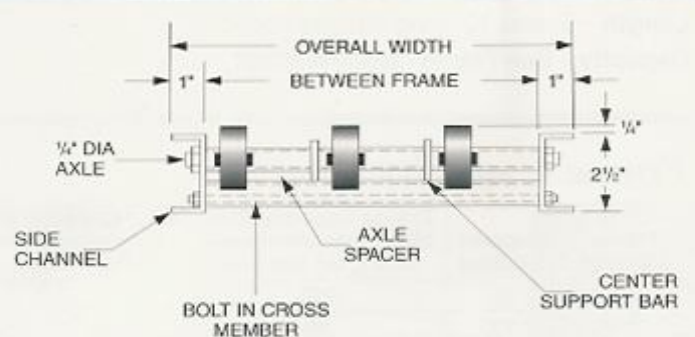
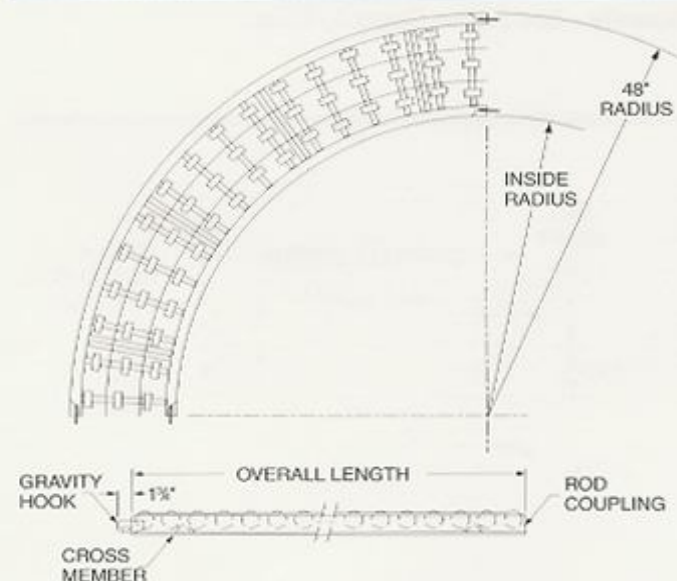
Frame Material	Support Centers	Distributed Live Load Per Foot	Maximum Load Per Wheel
Galvanized Steel	10'	38 lbs.	50 lbs.
	5'	270 lbs.	

NOTE: All capacities are based on distributed loads with a maximum deflection of 1/8" over 10'. Section capacities are subject to the total capacity of all wheels in a section but should not exceed above listed frame capacities.

Frame Capacity Chart

Frame Material	Support Centers	Distributed Live Load Per Foot	Maximum Load Per Wheel
Aluminum	10'	18 lbs.	45 lbs.
	5'	150 lbs.	

NOTE: All capacities are based on distributed loads with a maximum deflection of 1/4" over 10'. Section capacities are subject to the total capacity of all wheels in a section but should not exceed above listed frame capacities.



INSIDE RADIUS		OUTSIDE RADIUS	
Overall Width	Inside Radius	Overall Width	Outside Radius
12"	36"	12"	48"
15"	33"	15"	48"
18"	30"	18"	48"
24"	24"	24"	48"

Gravity Skatewheel Conveyor

STRAIGHT SECTIONS – 3" Axle Centers

2 1/2" x 1" x 12 Ga. Painted Frame – Galvanized Steel Wheels

12" WIDTH O.A.				15" WIDTH O.A.			
Model No.	Wheels Per Foot	Price Per Section		Model No.	Wheels Per Foot	Price Per Section	
		10'-0"	5'-0"			10'-0"	5'-0"
12G-8-25	8	\$151	\$81	15G-10-25	10	\$171	\$94
12G-10-25	10	166	86	15G-12-25	12	189	101
12G-12-25	12	181	96	15G-16-25	16	221	116
12G-16-25	16	211	111				
18" WIDTH O.A.				24" WIDTH O.A.			
Model No.	Wheels Per Foot	Price Per Section		Model No.	Wheels Per Foot	Price Per Section	
		10'-0"	5'-0"			10'-0"	5'-0"
18G-10-25	10	\$195	\$98	24G-16-25	16	\$246	\$130
18G-12-25	12	200	104	24G-18-25	18	261	138
18G-16-25	16	226	119	24G-20-25	20	276	145
18G-18-25	18	240	126	24G-24-25	24	306	160
18G-20-25	20	256	134	24G-28-25	28	336	175

2 1/2" x 1" x 1/8" Aluminum Frame – Aluminum Wheels

12" WIDTH O.A.				15" WIDTH O.A.			
Model No.	Wheels Per Foot	Price Per Section		Model No.	Wheels Per Foot	Price Per Section	
		10'-0"	5'-0"			10'-0"	5'-0"
12A-8-25	8	\$171	\$91	15A-10-25	10	\$197	\$104
12A-10-25	10	189	100	15A-12-25	12	214	113
12A-12-25	12	206	108	15A-16-25	16	250	131
12A-16-25	16	240	126				
18" WIDTH O.A.				24" WIDTH O.A.			
Model No.	Wheels Per Foot	Price Per Section		Model No.	Wheels Per Foot	Price Per Section	
		10'-0"	5'-0"			10'-0"	5'-0"
18A-10-25	10	\$221	\$117	24A-16-25	16	\$278	\$146
18A-12-25	12	227	120	24A-18-25	18	295	155
18A-16-25	16	265	134	24A-20-25	20	313	163
18A-18-25	18	272	142	24A-24-25	24	348	181
18A-20-25	20	291	152	24A-28-25	28	383	198

CURVE SECTIONS

2 1/2" x 1" x 12 Ga. Painted Frame – Galvanized Steel Wheels

12" WIDTH O.A.				15" WIDTH O.A.			
Model No.	Degree Turn	Price Per Section		Model No.	Degree Turn	Price Per Section	
		*With Outside Guard	No Guard			*With Outside Guard	No Guard
12G90-25	90°	\$167	\$149	15G90-25	90°	\$175	\$157
12G45-25	45°	103	89	15G45-25	45°	108	89
18" WIDTH O.A.				24" WIDTH O.A.			
Model No.	Degree Turn	Price Per Section		Model No.	Degree Turn	Price Per Section	
		*With Outside Guard	No Guard			*With Outside Guard	No Guard
18G90-25	90°	\$202	\$183	24G90-25	90°	\$304	\$285
18G45-25	45°	123	107	24G45-25	45°	197	180

2 1/2" x 1" x 1/8" Aluminum Frame – Aluminum Wheels

12" WIDTH O.A.				15" WIDTH O.A.			
Model No.	Degree Turn	Price Per Section		Model No.	Degree Turn	Price Per Section	
		*With Outside Guard	No Guard			*With Outside Guard	No Guard
12A90-25	90°	\$206	\$167	15A90-25	90°	\$220	\$175
12A45-25	45°	130	103	15A45-25	45°	159	108
18" WIDTH O.A.				24" WIDTH O.A.			
Model No.	Degree Turn	Price Per Section		Model No.	Degree Turn	Price Per Section	
		*With Outside Guard	No Guard			*With Outside Guard	No Guard
18A90-25	90°	\$221	\$188	24A90-25	90°	\$319	\$298
18A45-25	45°	198	123	24A45-25	45°	219	187

NOTE: For odd lengths see "Special Pricing Instructions." ★ GUARD IS ADJUSTABLE CHANNEL TYPE.

SPECIAL PRICING INSTRUCTIONS

A. STEEL FRAMES / ALUMINUM WHEELS

Add \$.35 per wheel to the price of the appropriate section of steel wheel conveyor.

B. ALUMINUM FRAMES / STEEL WHEELS

Deduct \$.15 per wheel from the price of the appropriate section of aluminum wheel conveyor.

C. STEEL FRAMES / NYLON WHEELS

Add \$.25 per wheel to the price of the appropriate section of steel wheel conveyor.

D. ODD LENGTH SECTIONS

Obtain per foot price based on the appropriate 10'0" section. Multiply by the required number of feet. (Fraction of a foot should be rounded off to the next highest foot.)

E. FOR GALVANIZED FRAMES – CONSULT FACTORY

F. SKATEWHEELS ONLY, 1 15/16" O.D. X 1/4" BORE

Aluminum Wheels \$.73 ea.

Galvanized Steel Wheels \$.60 ea.

Nylon Wheels \$.75 ea.

G. HOOKS (RH and LH)..... \$3.50 ea.

H. ROD COUPLER \$2.30 ea.

Gravity Skatewheel Spurs

SPUR CONVEYOR

2 1/2" x 1" x 12 Ga. Painted Frame – Steel Wheels

Model No.	Overall Frame Width	45 Deg. Straight Spur Lengths			Curve Spur	
		2'	3'	5'	Model No.	90 Deg. Spur
12GS-45-25	12"	\$177	\$215	\$248	12GS90-25	\$242
15GS-45-25	15"	187	215	262	15GS90-25	254
18GS-45-25	18"	211	244	297	18GS90-25	288
24GS-45-25	24"	271	313	381	24GS90-25	410

Note: Specify RH or LH (See page 17.)