

MODELS "138SR, 138AR and 138SRH" Gravity Roller Conveyor



- Cartons
- Tote pans
- Assembly lines
- Shipping departments

Steel, Model 138SR and Model 138SRH

STANDARD SPECIFICATIONS

Frames - 2 1/2" deep x 1" flange x 12 gauge galvanized steel. Rugged cross members bolted between channels.

Rollers - 1 3/8" diameter x 18 gauge galvanized steel tubing with swaged ends for a firm bearing seat. Rollers have spring loaded axle for easy removal or insertion.

Axles - 1/4" diameter cold rolled steel for Model 138SR; 5/16" hex for Model 138SRH.

Couplings - Hook and rod.

Widths - 12", 15", 18" and 24" overall width.

Length - 5' and 10' long straight sections.

Capacity - See Frame Capacity Chart.

Aluminum, Model 138AR

STANDARD SPECIFICATIONS

Frames - 2 1/2" deep x 1" flange x 1/8" heat treated aluminum. Rugged aluminum cross members bolted between channels.

Rollers - 1 3/8" diameter heat treated aluminum tubing with swaged ends for a firm bearing seat. Rollers have spring loaded axle for easy removal or insertion.

Axles - 1/4" diameter cold rolled steel.

Couplings - Hook and rod.

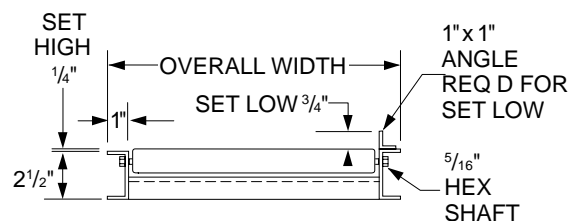
Widths - 12", 15", 18" and 24" overall width.

Length - 5' and 10' long straight sections.

Capacity - See Frame Capacity Chart.

Frame Capacity Chart

Frame Material	Support Centers	Frame Capacity (lbs.) Maximum Distributed Live Load Per Foot	Roller Capacity (lbs.) Maximum Load Per Roller
Galvanized Steel	5'	270	50
	10'	38	
Aluminum	5'	150	35
	10'	18	



MODELS "138SR, 138AR and 138SRH"

12" OAW				15" OAW				18" OAW				24" OAW			
Model	Roller Centers	Weight		Model	Roller Centers	Weight		Model	Roller Centers	Weight		Model	Roller Centers	Weight	
		10'	5'			10'	5'			10'	5'			10'	5'
ALUMINUM (Model 138AR) STRAIGHT SECTIONS - WEIGHTS															
138AR-12-1½	1½"	53	29	138AR-15-1½	1½"	56	33	138AR-18-1½	1½"	70	38	138AR-24-1½	1½"	88	48
138AR-12-3	3"	36	20	138AR-15-3	3"	41	23	138AR-18-3	3"	51	27	138AR-24-3	3"	56	30
138AR-12-4½	4½"	30	17	138AR-15-4½	4½"	32	18	138AR-18-4½	4½"	38	20	138AR-24-4½	4½"	46	25
138AR-12-6	6"	27	15	138AR-15-6	6"	29	16	138AR-18-6	6"	33	18	138AR-24-6	6"	41	22
138AR-12-9	9"	24	14	138AR-15-9	9"	26	14	138AR-18-9	9"	30	16	138AR-24-9	9"	36	19
138AR-12-12	12"	23	12	138AR-15-12	12"	24	13	138AR-18-12	12"	27	14	138AR-24-12	12"	33	18
STEEL (Model 138SR) STRAIGHT SECTIONS - WEIGHTS															
138SR-12-1½	1½"	101	55	138SR-15-1½	1½"	122	62	138SR-18-1½	1½"	135	72	138SR-24-1½	1½"	168	91
138SR-12-3	3"	68	37	138SR-15-3	3"	78	42	138SR-18-3	3"	97	47	138SR-24-3	3"	108	58
138SR-12-4½	4½"	58	32	138SR-15-4½	4½"	61	33	138SR-18-4½	4½"	73	40	138SR-24-4½	4½"	88	47
138SR-12-6	6"	52	29	138SR-15-6	6"	55	30	138SR-18-6	6"	63	32	138SR-24-6	6"	78	42
138SR-12-9	9"	47	26	138SR-15-9	9"	50	27	138SR-18-9	9"	57	29	138SR-24-9	9"	69	37
138SR-12-12	12"	44	24	138SR-15-12	12"	46	26	138SR-18-12	12"	52	27	138SR-24-12	12"	63	34
STEEL (Model 138SRH) STRAIGHT SECTIONS - WEIGHTS															
138SRH-12-1½	1½"	111	61	138SRH-15-1½	1½"	134	68	138SRH-18-1½	1½"	148	79	138SRH-24-1½	1½"	184	100
138SRH-12-3	3"	75	41	138SRH-15-3	3"	86	46	138SRH-18-3	3"	106	51	138SRH-24-3	3"	118	64
138SRH-12-4½	4½"	64	35	138SRH-15-4½	4½"	67	36	138SRH-18-4½	4½"	80	44	138SRH-24-4½	4½"	97	52
138SRH-12-6	6"	57	32	138SRH-15-6	6"	60	33	138SRH-18-6	6"	69	35	138SRH-24-6	6"	85	46
138SRH-12-9	9"	52	28	138SRH-15-9	9"	55	30	138SRH-18-9	9"	62	32	138SRH-24-9	9"	76	40
138SRH-12-12	12"	48	26	138SRH-15-12	12"	50	28	138SRH-18-12	12"	57	29	138SRH-24-12	12"	69	37

WEIGHTS - CURVE SECTION

12" OAW - 3'0" O/R*			15" OAW - 3'3" O/R*			18" OAW - 3'6" O/R*			24" OAW - 4'0" O/R*		
Model	Weight		Model	Weight		Model	Weight		Model	Weight	
	90°	45°		90°	45°		90°	45°		90°	45°
ALUMINUM (Model 138ARC) CURVED SECTIONS - WEIGHTS											
138ARC-12-90	28	-	138ARC-15-90	31	-	138ARC-18-90	35	-	138ARC-24-90	50	-
138ARC-12-45	-	12	138ARC-15-45	-	17	138ARC-18-45	-	19	138ARC-24-45	-	26
STEEL (Model 138SRC) CURVED SECTIONS - WEIGHTS											
138SRC-12-90	70	-	138SRC-15-90	75	-	138SRC-18-90	80	-	138SRC-24-90	141	-
138SRC-12-45	-	35	138SRC-15-45	-	40	138SRC-18-45	-	45	138SRC-24-45	-	66
STEEL (Model 138SRCH) CURVED SECTIONS - WEIGHTS											
138SRCH-12-90	77	-	138SRCH-15-90	82	-	138SRCH-18-90	88	-	138SRCH-24-90	155	-
138SRCH-12-45	-	38	138SRCH-15-45	-	44	138SRCH-18-45	-	49	138SRCH-24-45	-	72

*Outside radius

RADIUS CHART	
Overall Width	Inside Radius
12"	25"
15"	25"
18"	25"
24"	25"

Note: Double rollers are standard on 24" OAW

