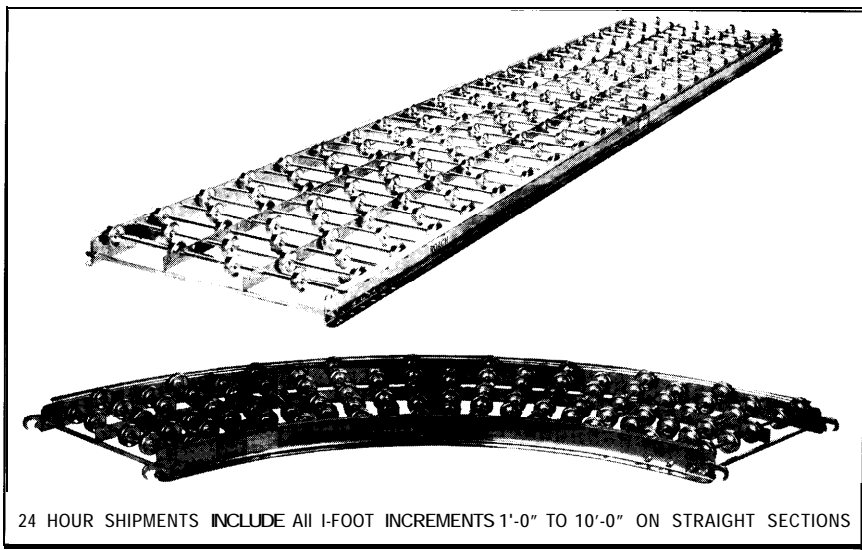


# MODEL WA/WS/WH GRAVITY WHEEL CONVEYOR



## MODEL NO. EXPLANATION

wheel  $\alpha$

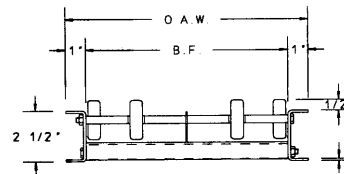
OAW length/degree (3)

\*Specify "WA" for aluminum ("WAC" for curve);

"WS" for galvanized ("WSC" for curve);

"WH" for HRS steel ("WHC" for curve).

\*\*Wheels/ft. not required for curved sections.



12 GA. GALV. 1/8" ALUM  
18 GA HRS

## SPECIFICATIONS

**WHEELS:** 1-1 5/16" dia. prelubricated ball bearing wheel with labyrinth seal and hardened raceway; aluminum or zinc-plated steel.

**FRAMES:** Formed heat-treated aluminum channel 2-1/2" x 1" x 1/8"; formed galvanized steel channel 2-1/2" x 1" x 12 ga.; formed HRS steel channel 2-1/2" x 1" x 14 ga. (painted).

**COUPLINGS:** Hook and rod. Curves supplied with hooks and rods both ends.

**AXLES:** 1/4" dia. galvanized steel bolt-type axle and lock nut.

**RADIUS (CURVES):** All curves have 4' outside radius.

## STRAIGHT SECTIONS

FRAME		ALUMINUM		GALVANIZED STEEL		HRS STEEL (PAINTED)	
WHEELS		ALUMINUM		ZINC-PLATED		ZINC-PLATED	
OAW	WHEELS/FT.	10' WT. (lbs.)	5' WT. (lbs.)	10' WT. (lbs.)	5' WT. (lbs.)	10' WT. (lbs.)	5' WT. (lbs.)
12"	6	33	18	64	33	54	28
	8	35	19	67	35	57	30
	10	37	20	70	37	60	32
	12	39	21	74	39	64	34
18"	16	43	23	81	43	71	38
	12	42	22	78	41	68	36
	14	44	24	85	44	75	39
	16	46	25	88	46	78	41
24"	18	50	27	93	50	83	45
	20	52	28	99	53	89	48
	16	51	28	96	52	86	47
	18	53	29	102	55	92	50
24"	20	55	30	105	57	95	52
	24	59	32	113	62	103	57
	28	63	34	119	65	109	60

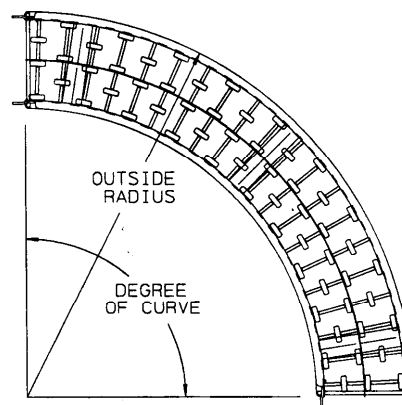
CAUTION: To prevent pinch points that exist when gravity conveyors are permanently attached to power conveyors, use the connector brackets with safety pop-out rollers shown on page 147.

## CURVED SECTIONS

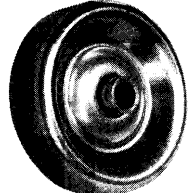
FRAME	ALUMINUM	GALVANIZED	HRS STEEL	
WHEELS	ALUMINUM	ZINC-PLATED	ZINC-PLATED	ZINC-PLATED
CU	90° 45°	9 45°	45°	45°
OAW	UNIT WEIGHTS (lbs.)			
12"	44 22	70 35	62 31	
18"	50 26	80 43	72 39	
24"	54 29	92 49	84 45	

**FRAME CAPACITY:** Aluminum frame--160 lbs. maximum distributed live load per 7 0' section or 750 lbs. per 5' section; galvanized steel frame-350 lbs. maximum distributed live load per 7 0' section, or 1300 lbs. per 5' section; HRS steel (painted) frame-280 lbs. maximum distributed live load per 7 0' section or 950 lbs. per 5' section.

**WHEEL CAPACITY:** Aluminum-25 lbs. per wheel; zinc-plated--50 lbs. per wheel.



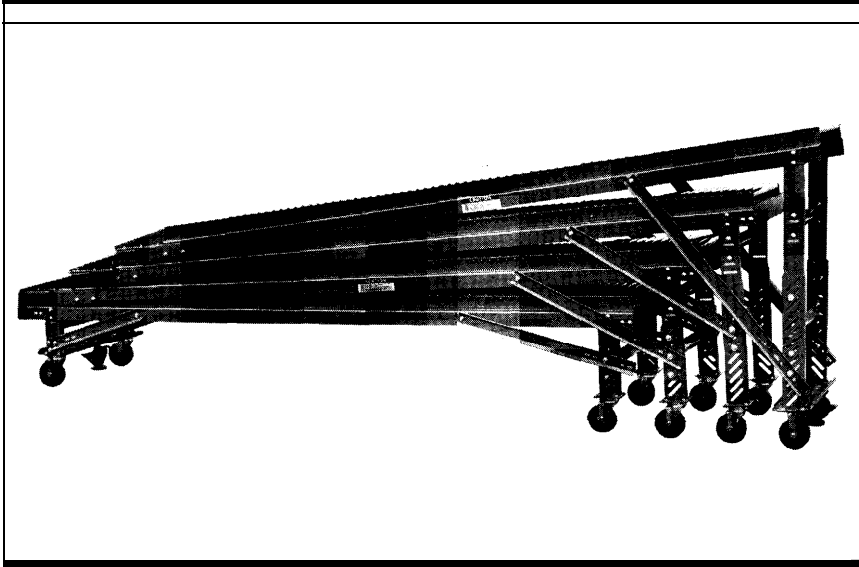
■ 24 hour shipment      week shipment



For replacement wheels, refer to part #BRW04600 for zinc plated or #BRW04610 for aluminum.



# MODEL WSX GRAVITY WHEEL EXTENDIBLE



## MODEL NO. EXPLANATION

WSX -- 10 -- 12 -- 20  
 | wheel conv. | BF wheels/k |  
 | extendible | extended length |

### SPECIFICATIONS

**FRAME:** 2-5/8" deep x 1" flange x 12 ga. painted formed steel channel.

**WHEELS:** 1-1 5/16" dia. relubricated ball bearing zinc-plated steel wheel with labyrinth seal and hardened raceway.

**AXLES:** 1/4" dia. galvanized steel bolt-type axle and lock nut.

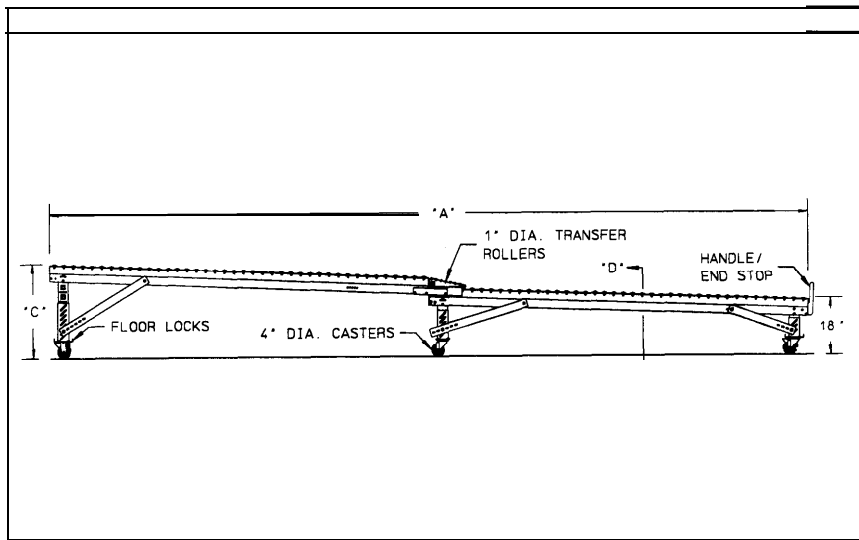
**CASTERS:** 4" dia. hard rubber casters. Rigid on in-feed end. All others are swivel. Floor lock on both ends.

**TRANSFER ROLLERS:** Eight 1" dia. x 18 ga. galvanized. steel rollers on 1 - 1/2" centers.

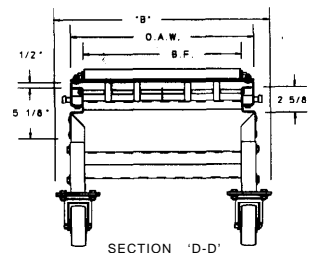
**FLOOR SUPPORTS:** Adjustable SL supports mounted directly to frame. Supplied with knee braces.

**CAPACITY:** 50 lbs. per wheel; 350 lbs. maximum distributed live load per 10' section,

WHEELS PER FT.	NO. Sections				UNIT WEIGHT (lbs.)			
	2	3	4	5	2	3	4	5
12	10"	12 3/4"	15 1/4"		349	512	676	840
18	16"	18 3/4"	21 1/4"		390	576	762	948
24	22"	24 3/4"	27 1/4"		436	646	856	1066



NUMBER SECTIONS	"A"		"C"	
	MIN.	MAX.	MIN.	MAX.
2	11'	20'	28"	34"
3	12'	30'	32"	44"
4	13'	40'	42"	54"
5	14'	50'	52"	64"



■ week shipment