

# MODEL "190RBW-S"

## Medium Duty Belt Over Roller Conveyor

- Ideal for the Parcel Industry
- Transporting
- Packing
- Inspecting

*Note:*  
Shown with optional  
non-standard paint color.



*Shown with optional  
UHMW transition plate  
and end cover.*

### STANDARD SPECIFICATIONS:

**Belt** - 12", 18", 24", 36", and 42" wide, black PVC 120 belt.

**Bed** - 1.9" diameter x 16 ga. galvanized steel rollers with  $\frac{7}{16}$ " hex axle mounted on 6" centers in 6 $\frac{1}{2}$ " deep x 12 gauge powder painted formed channel, bolted together with splice plates and supports. Bed formed so that the belt edges rest on the slider pan and completely cover the carrying rollers beneath.

**Center Drive** - Mounted below conveyor bed section.

**Drive Pulley** - 8" diameter and fully lagged, 1 $\frac{7}{16}$ " diameter shaft.

**Tail Pulley** - 6" diameter crowned.

**Snub Roller** - 2 $\frac{1}{2}$ " diameter at drive pulley and terminal pulleys.

**Return Idlers** - 1.9" diameter, adjustable, on 10'0" centers.

**Take-Up** - Located in center drive, provides 20" of belt take-up.

**Pulley Bearings** - Sealed, pre-lubricated with heavy duty cast iron housings.

**Floor Supports** - 31" to 45" adjustable from floor to top of belt. One support provided for each end of conveyor and at each bed joint. Other elevations are available.

**Speed Reducer** - C-Face mounted heavy duty worm gear reducer.

**Motor** -  $\frac{1}{2}$ " HP 230/460-3-60 TE motor.

**Belt Speed** - 60 FPM constant.

**Capacity** - Maximum load per linear foot of conveyor - 150 pounds.

### OPTIONAL EQUIPMENT:

**End Drive** - Underslung with chain guard on right or left hand side at discharge end.

**Guard Rails** - Adjustable channel, continuous channel, or solid steel guard rails available.

**Side Mounted Drive** - End drive mounted to side of conveyor section. Specify side. Minimum elevation - 10".

**Belt Speeds** - Constant and variable belt speeds available.

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MODEL 190RBW-S - WEIGHTS					
Belt Width	12"	18"	24"	36"	42"
Overall Width	18"	24"	30"	42"	48"
10'0" OAL	741	1056	1444	2437	3042
Per Foot	10	13	17	23	26

## Load Capacity Chart

HP	Load Capacity (lbs) @ 60 FPM					
	Overall Frame Width					
	18" - 24"		30" - 36"		42" - 48"	
	50'	100'	50'	100'	50'	100'
1/2	2400	1700	2100	1100	1600	250
3/4	3600	3000	3400	2500	2900	1700
1	4600	4100	4300	3600	4000	2800
1 1/2	6500	6000	6200	5500	5900	4900
2	7800	7400	7600	7000	7300	6400

