

SLIDER BED BELT CONVEYORS



UNIVEY® ROUND BOTTOM CONVEYOR

ENGINEERED WITH DURABLE CONSTRUCTION TO TRANSFER BULK MATERIALS AT HIGH CAPACITIES WHILE PREVENTING LEAKAGE.

Slider Bed Belt Conveyors are ideal for handling products that require gentle handling, such as seed or other bulk materials, food products, or chemicals/powders. Our wide variety of Slider Bed Conveyors reach a broad range of capacities and have various characteristics that make each conveyor's design uniquely perfect for handling specific bulk products.

Offered with industrial strength lining options that make them an ideal solution for shorter spans when space is a concern. The heavier construction and various options and accessories allow the Slider Bed Conveyors to handle harsher materials with ease.

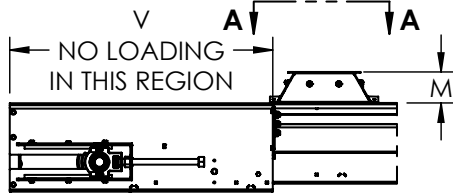
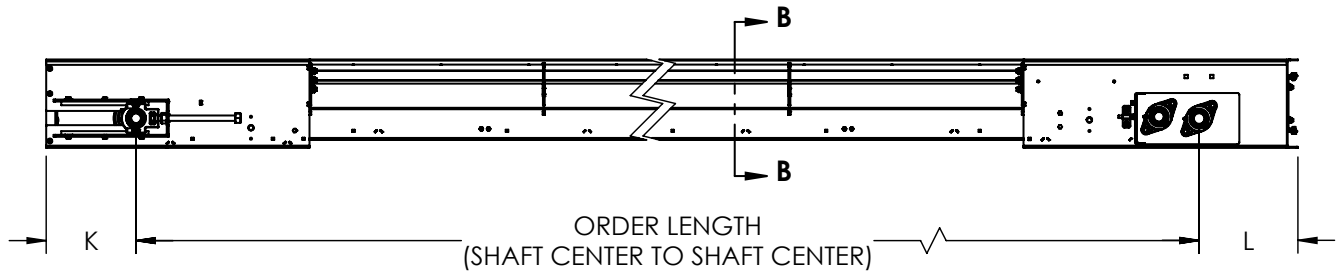
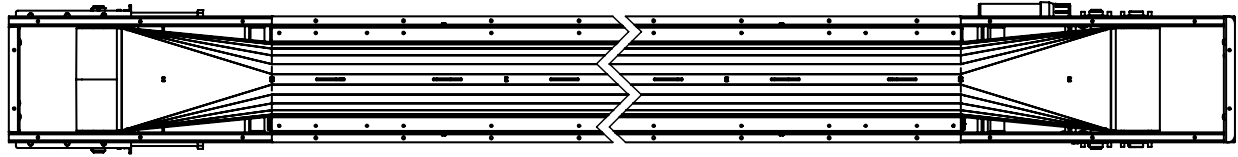


Model	RBC 12	RBC 18	RBC 24
Capacity @ 290 FPM	2,200 ft ³ /h (62.3 m ³ /h)	5,200 ft ³ /h (147.25 m ³ /h)	9,050 ft ³ /h (256.27 m ³ /h)
Belt Width	12" (304.8mm)	18" (457.2mm)	24" (609.6mm)
Length (Minimum)	6' (1.8m) Center to Center	6' (1.8m) Center to Center	8' (2.4m) Center to Center
Length (Maximum)	Consult Factory		
Belt Speeds	28 - 290 FPM (0.14 - 1.47 m/s)		
Head Shaft Bearings	Sealed Two Bolt Flange Ball Bearing		
Head Pulley	6" (152.4mm) Dia. w/ Vulcanized Rubber Lagging		
Tail Shaft Bearings	Sealed Take-up Ball Bearing		
Tail Pulley	6" (152.4mm) Dia. Drum Pulley		
Belt Take-up	8" (203.2mm)	12" (304.8mm)	12" (304.8mm)
Depth of Conveyor	11" (279.4mm)	12.9" (327.7mm)	15" (381mm)
Depth of Trough	5" (127mm)	7.7" (195.6mm)	10" (254mm)
Trough	12 Ga. Formed		
Frame Construction	Powder Coated Carbon or Stainless Steel		
Drive (Optional)	Shaft Mounted Reducer		
Optional Accessories	Inlet Hopper, Discharge Housings, Weather Covers, UHMW Lining, Skirting, Bottom Mounted Take-up, Belt Alignment Sensors		

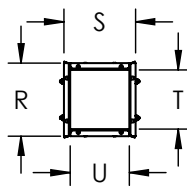
WHAT THE INDUSTRY IS BUILT AROUND

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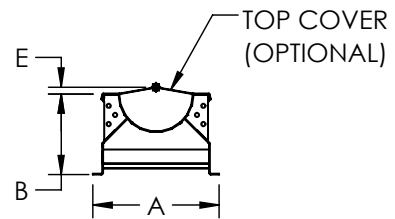
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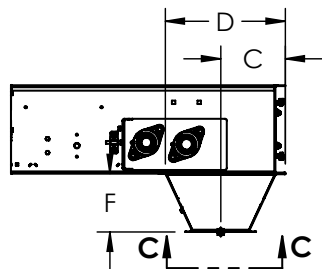
INLET HOPPER
(OPTIONAL)



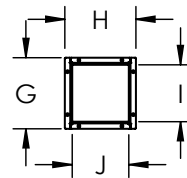
SECTION A-A
(INLET FLANGE)



SECTION B-B
(TROUGH SECTION VIEW)



90° DISCHARGE HOUSING



SECTION C-C
(DISCHARGE FLANGE)

MODEL	DIM	A	B	C	D	E	F	G	H	I	J	K	L	M	R	S	T	U	V
RBC 12	in	17.3	11	8.8	16.4	1	8	9.7	9.7	7.8	7.8	12.3	13.5	4.3	10	9.8	8.1	8.1	36
	mm	438	279	224	417	25	203	247	246	197	197	312	343	108	254	249	206	205	914
RBC 18	in	23.5	12.9	11.2	18.6	1.4	8	12.2	10.9	10	9.9	17.8	19.3	4.3	12.3	12.2	10.4	10.5	48
	mm	596	327	284	472	36	203	310	277	254	250	451	489	109	312	310	263	267	1219
RBC 24	in	29.3	15.1	13.6	20.8	1.9	8	14.6	12.1	12.2	11.9	18.2	19.3	4.3	14.6	14.6	12.6	12.9	54
	mm	743	382	345	528	48	203	371	307	311	303	462	489	108	371	371	319	327	1372



NOTE: Unit application, location and specifications determine the type, quantity and/or placement of electrical, electrical safety or other safety controls required. Whether these controls are supplied by Universal Industries or another supplier, all OSHA safety and health standards, the National Electrical Code and local codes must be met and followed. Because we constantly strive to provide the finest material handling equipment, establishing industry standards, specifications must remain subject to change without notice.