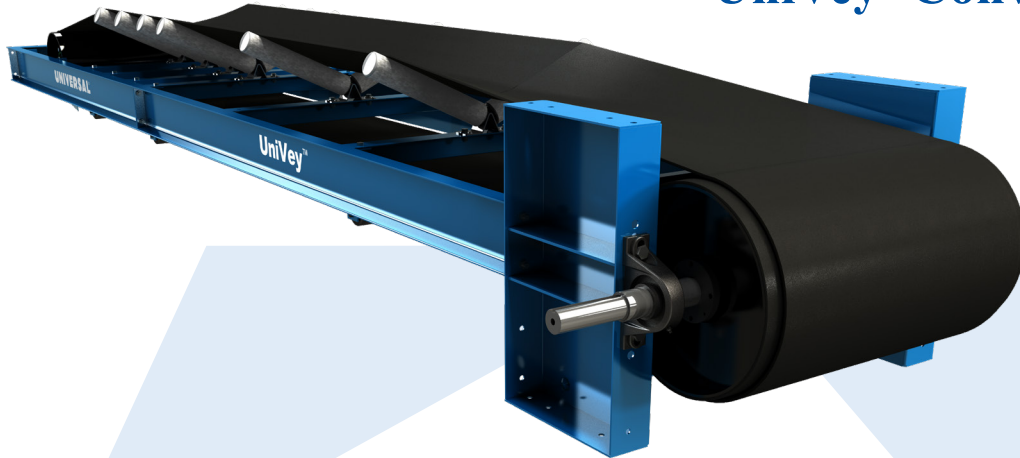




**Universal Industries**<sup>®</sup>  
 Universal Industries, Inc.

# Dual Roll Conveyor

UniVey<sup>®</sup> Conveyors



## SPECIFICATIONS

Model	DUAL 12	DUAL 18	DUAL 24	DUAL 30	DUAL 36
Capacity @ 300 FPM (75% Fill)	1,400 ft <sup>3</sup> /h 39.6 m <sup>3</sup> /h	3,700 ft <sup>3</sup> /h 104.8 m <sup>3</sup> /h	6,900 ft <sup>3</sup> /h 195.4 m <sup>3</sup> /h	11,200 ft <sup>3</sup> /h 317.1 m <sup>3</sup> /h	16,300 ft <sup>3</sup> /h 461.6 m <sup>3</sup> /h
Capacity @ 500 FPM (75% Fill)	2,400 ft <sup>3</sup> /h 68.0 m <sup>3</sup> /h	6,100 ft <sup>3</sup> /h 172.7 m <sup>3</sup> /h	11,500 ft <sup>3</sup> /h 325.6 m <sup>3</sup> /h	18,700 ft <sup>3</sup> /h 529.5 m <sup>3</sup> /h	27,100 ft <sup>3</sup> /h 767.4 m <sup>3</sup> /h
Belt Width	12" (304.8mm)	18" (457.2mm)	24" (609.6mm)	30" (762mm)	36" (914.4mm)
Unsupprted Length	20' (6.1m)			18' (5.5m)	
Length (Minimum)	8' (2.4m)			10' (3m)	
Length (Maximum)	Consult Factory				
Belt Speeds	50 - 500 FPM (0.25 - 2.54m/s)				
Head Shaft Bearings	Sealed Pillow Block Ball Bearing				
Head Pulley	12" Dia. w/ Vulcanized Rubber Lagging		18" Via. w/ Vulcanized Rubber Lagging		
Idlers	3" (76.2mm) Dia. - 25° with 3/4" (91.1mm) Shaft				
Tail Shaft Bearings	Sealed 4 Bolt Pilotted Flange Ball Bearing				
Tail Pulley	10" (254mm) Dia. Self Cleaning Wing Pulley		12" Dia. (304.8mm) Dia. Self Cleaning Wing Pulley		
Belt Take-up	18-1/2" (469.9mm)		21" (533.4mm)		
Frame	4" (101.6mm)	5" (127mm)		7" (177.8mm)	
	<b>Structural C Channel</b>				
Construction	Powder Coated Carbon Steel				
Drive (Optional)	Shaft Mounted Reducer				
Optional Accessories	Discharge Housing, Weather Covers, Various Inlet Hoppers				

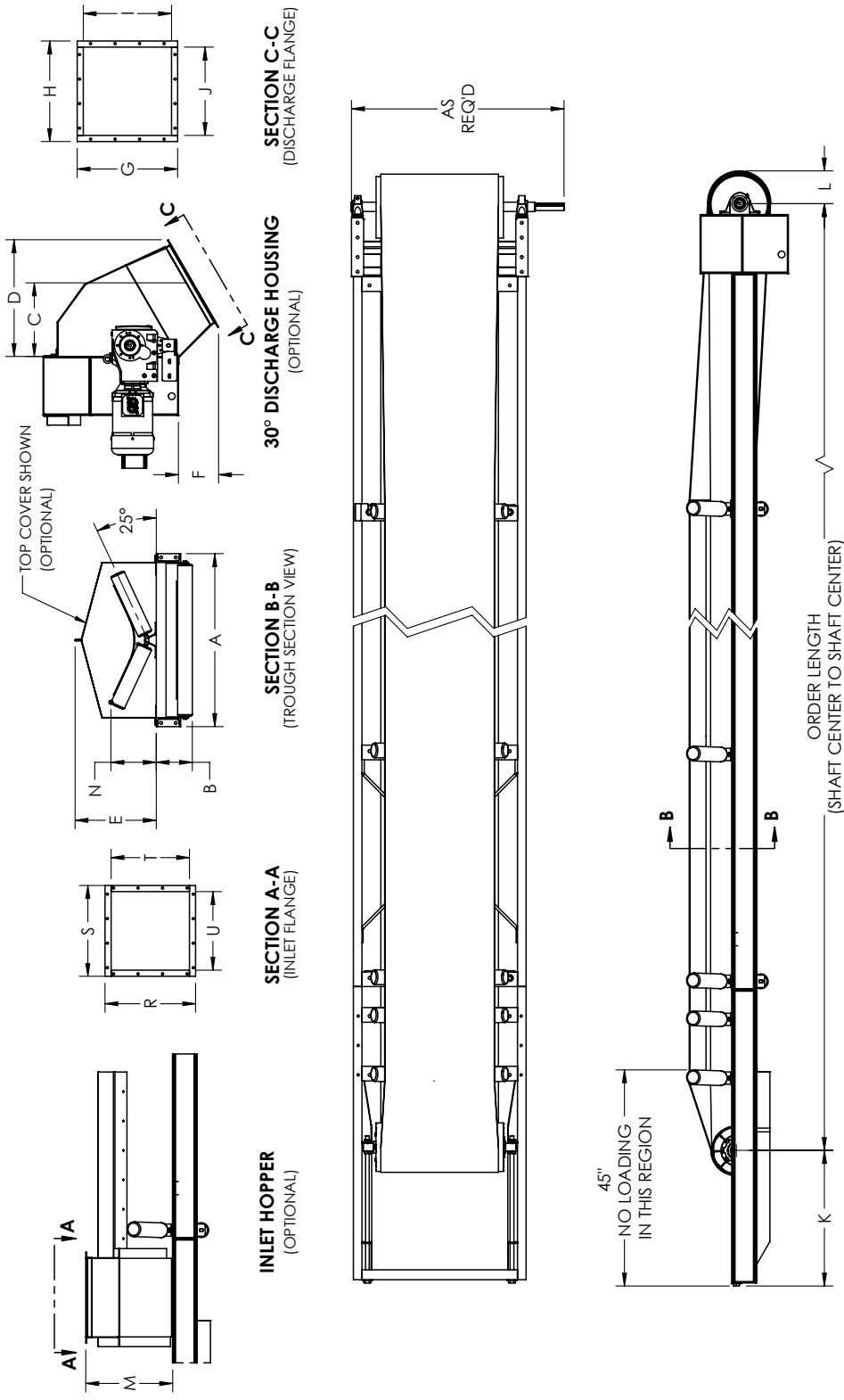
\*Specifications and designs are subject to change without notice



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# Dual Roll Conveyor



Model	DIM	A	B	C	D	E	F	G	H	I	J	K	L	M	N	R	S	T	U
DUAL 12	in	22.9	7.4	12.3	18.6	10.4	8.2	14.6	14.6	12.1	12.1	27.1	6.8	13.5	6.3	12.6	12.6	10.1	10.1
	mm	582	188	312	472	265	208	371	371	307	307	688	173	343	160	320	320	257	257
DUAL 18	in	29.3	7.3	12.4	19.5	13.1	8.3	14.6	14.6	12.1	12.1	27.1	6.8	15.5	7.7	14.6	14.6	12.1	12.1
	mm	744	185	315	495	334	211	371	371	307	307	688	173	394	196	371	371	307	307
DUAL 24	in	35.3	7.3	15.0	23.9	16.4	8.2	20.5	20.5	18.0	18.0	27.1	6.8	17.7	9.2	18.5	18.5	16.0	16.0
	mm	897	185	381	607	418	208	521	521	457	457	688	173	450	234	470	470	406	406
DUAL 30	in	41.9	9.5	16.0	27.5	17.4	7.7	26.5	26.5	24.0	24.0	31.0	9.5	21.0	10.4	26.5	26.5	24.0	24.0
	mm	1064	241	406	699	443	196	673	673	610	610	787	241	533	264	673	673	610	610
DUAL 36	in	47.9	9.3	19.0	30.4	19.8	9.9	26.5	26.5	24.0	24.0	31.0	9.5	21.0	11.8	26.5	26.5	24.0	24.0
	mm	1217	236	483	772	504	251	673	673	610	610	787	241	533	300	673	673	610	610

\*Specifications and designs are subject to change without notice.

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.