

# BUCKET ELEVATORS

## U1 SERIES

SINGLE TRUNK CASING WITH EASY DUMP<sup>®</sup>

Model	U1-220ED (EASY DUMP <sup>®</sup> )	U1-630
Capacity - Free Flowing Material @ 110% Waterline Bucket Fill	175 BPH 220 ft <sup>3</sup> /hr 6.2 m <sup>3</sup> /hr	500 BPH 630 ft <sup>3</sup> /hr 17.8 m <sup>3</sup> /hr
Short TPH @ 50 lbs/Ft. <sup>3</sup>	5	15
MTPH @ 50 lbs/Ft. <sup>3</sup>	4	13
Short TPH @ 75 lbs/Ft. <sup>3</sup>	8	23
MTPH @ 75 lbs/Ft. <sup>3</sup>	7	20
Belt Speed FPM	130 (0.66m/s)	275 (1.39m/s)
Head Shaft RPM	95	200
Bucket Spacing	4-1/4" (107.95mm) Center Spacing	
Head Casing	12 Ga.	
Head Shaft Bearings	Sealed Pillow Block Tapered Roller Bearing	
Head Pulley	5-1/2" (139.7mm) Dia. w/ Vulcanized Rubber Lagging	
Buckets	6" x 4" (152.4mm x 101.6mm) HDPE Optional Carbon Steel Available	
Belting	6-1/2" (165.1mm) Wide PVC or Rubber	
Legging	14 Ga. Seam Welded Single Leg w/ Angle Iron Corners	
Boot Casing	12 Ga.	
Boot Shaft Bearings	Sealed Two Bolt Flange Ball Bearing	
Boot Pulley	5-1/2" (139.7mm) Dia. Self-Cleaning Spoke Pulley	
Construction	Powder Coated Carbon, Galvanized, or Stainless Steel	
Drive Package	Optional	
Motor	Optional	
Lining Options	Consult Factory	

(EASY DUMP<sup>®</sup> speed, the speed suggested for gentle handling, is only guaranteed on the lowest capacity for each elevator).



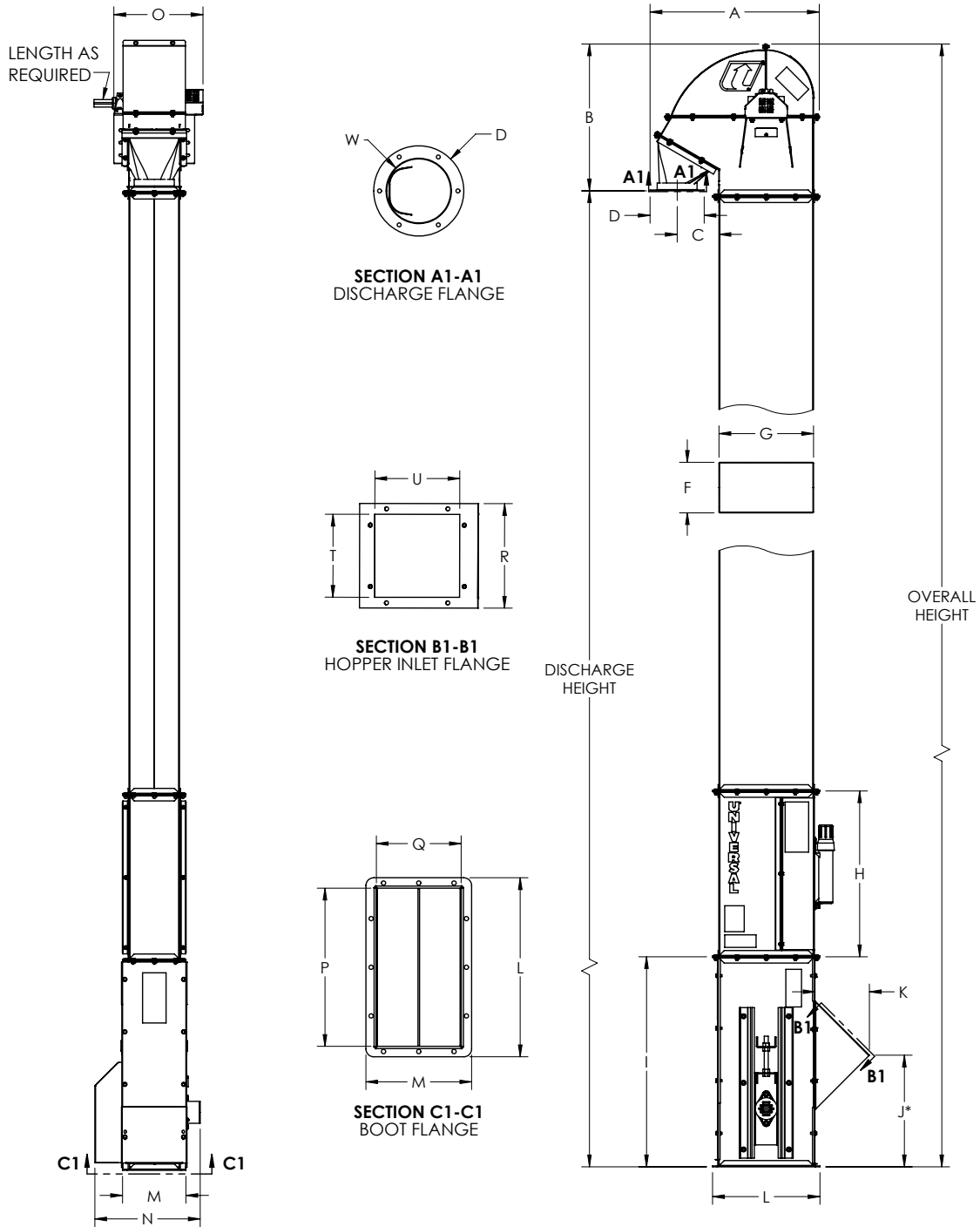
*U Series bucket elevators utilize a single trunk casing and are built with thicker steel to handle corrosive, abrasive and hostile materials.*

*Available in powder coated carbon, stainless, or galvanized steel with buckets available in HDPE, carbon steel, nylon and urethane.*

WHAT THE INDUSTRY IS BUILT AROUND

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# BUCKET ELEVATORS | U1 SERIES



Unit	A	B	C	D	F	G	H	I	J	K	L	M	N	O	P	Q	R	T	U	W
in	27	23.4	6.7	8.6	8.1	15.1	26.4	33.5	17.8	8.7	17.1	10.1	16.9	13.8	15.1	8.3	10	7.9	8.1	6.1
mm	686	595	169	219	205	383	672	851	452	221	435	257	430	351	384	212	254	202	206	156



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.