



**EXTRA HEFT TO EXTEND  
SERVICE LIFE IN  
CONTINUOUS-USE  
APPLICATIONS**

## **BUCKET ELEVATORS**

*up to 630 ft<sup>3</sup>/h  
(17 m<sup>3</sup>/h)  
500 BPH*

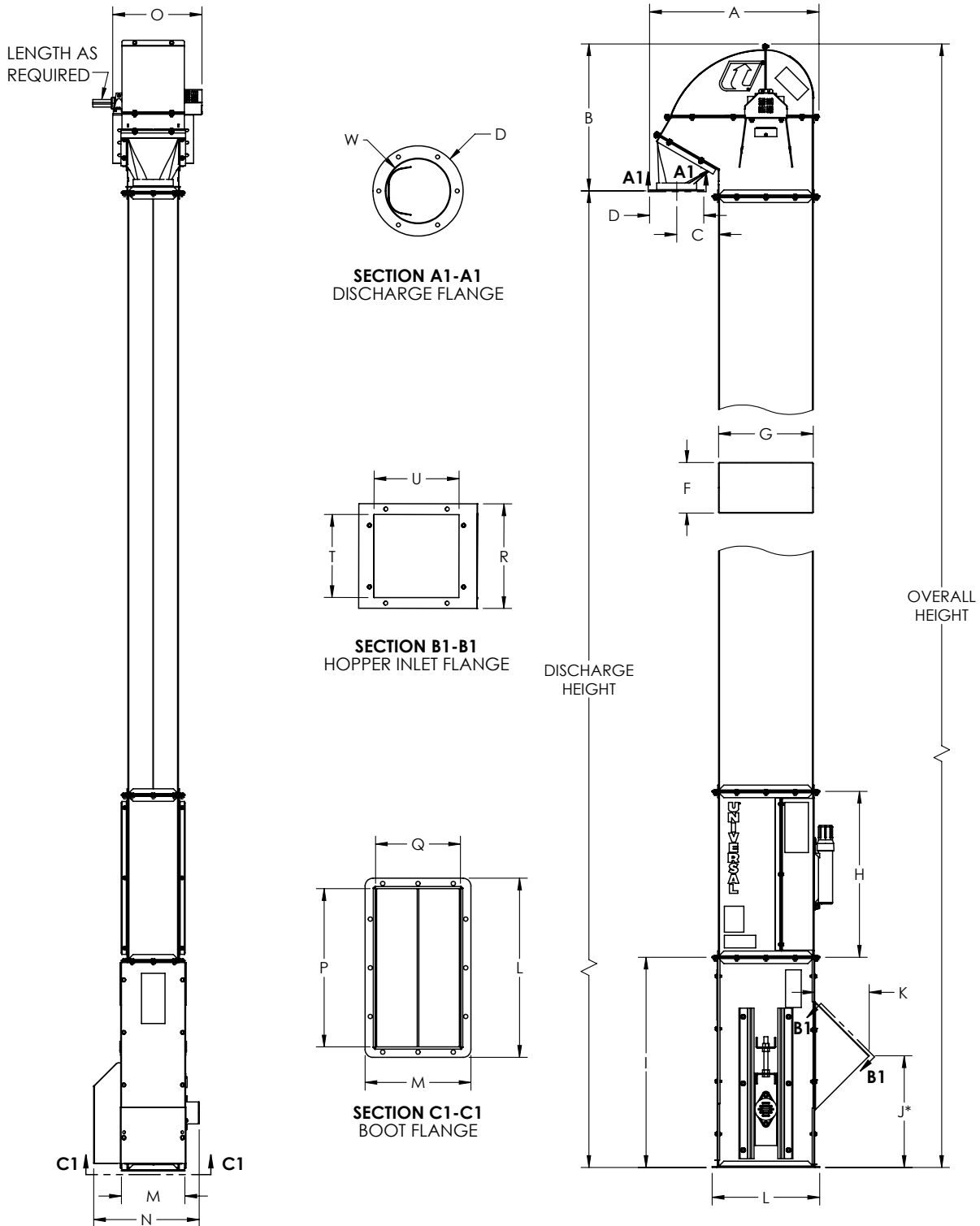
**EXCLUSIVE “EASY DUMP®” DESIGN**  
(U1-220ED only)

### **SPECIFICATIONS**



<b>Model</b>	<b>U1-220ED</b>	<b>U1-630</b>
Capacity - Free Flowing Material @ 110% Waterline Bucket Fill	175 BPH 220 ft <sup>3</sup> /hr 6 m <sup>3</sup> /hr	500 BPH 630 ft <sup>3</sup> /hr 17 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 Bock 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	
*Units in Parenthesis are Metric (mm)		

# Model U1



Unit	A	B	C	D	F	G	H	I	J	K	L	M	N	O	P	Q	R	T	U	W
in	27	23½	6¾	8¾	8	15	26½	33½	17¾	8¾	17¼	10¼	17	13¾	15¼	8¼	10	8	8¼	6¼
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.