

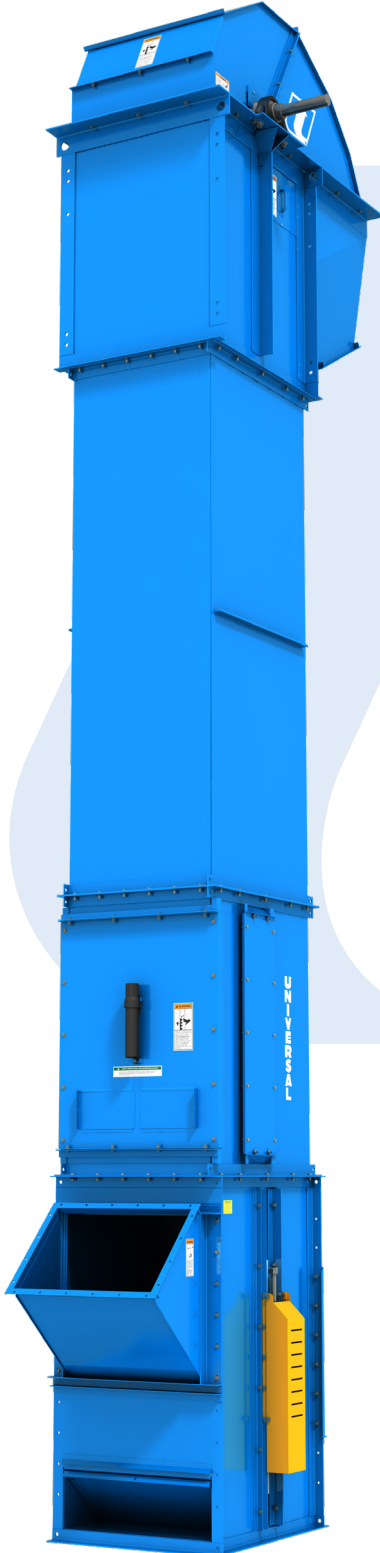


**FOR PROCESSING DIFFICULT,  
HOSTILE MATERIALS**

# U10

## BUCKET ELEVATORS

*up to 10,000 ft<sup>3</sup>/h  
(283 m<sup>3</sup>/h)  
8,000 BPH*

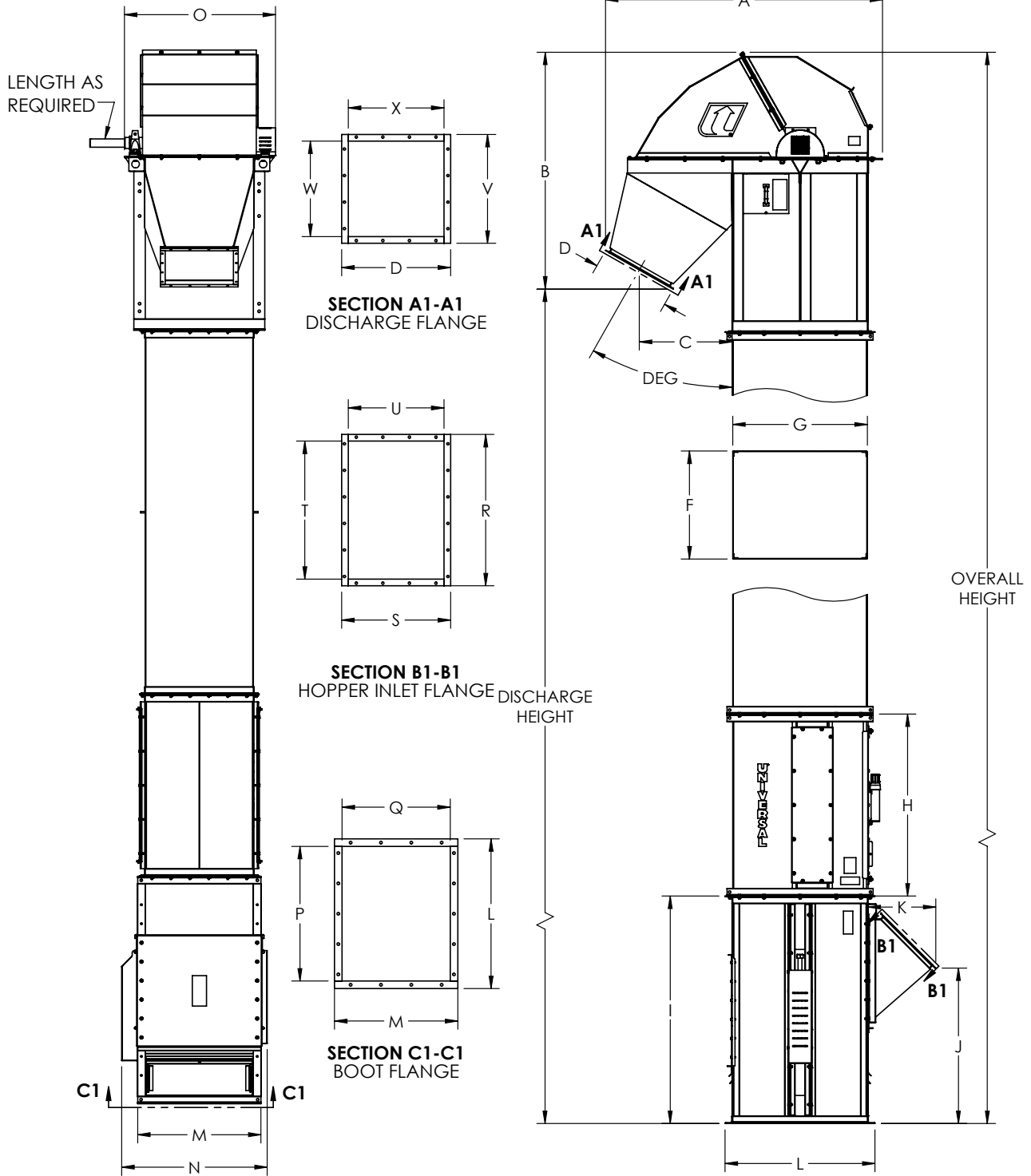


### SPECIFICATIONS

Model	U10-5500	U10-7500	U10-10000
Capacity - Free Flowing Material @ 110% Waterline Bucket Fill	4,400 BPH 5,500 ft <sup>3</sup> /hr 155 m <sup>3</sup> /hr	6,000 BPH 7,500 ft <sup>3</sup> /hr 212 m <sup>3</sup> /hr	8,000 BPH 10,000 ft <sup>3</sup> /hr 283 m <sup>3</sup> /hr
Short TPH @ 50 lbs/Ft. <sup>3</sup>	62	125	187
MTPH @ 50 lbs/Ft. <sup>3</sup>	56	113	169
Short TPH @ 75 lbs/Ft. <sup>3</sup>	220	285	400
MTPH @ 75 lbs/Ft. <sup>3</sup>	84	169	254
Belt Speed FPM	215 (0.94m/s)	280 (1.81m/s)	385 (2.73m.s)
Head Shaft RPM	50	65	90
Bucket Spacing	8" (203.2mm) Staggered		
Head Casing	7 Ga. Hoods & Discharge, 10 Ga. Sides		
Head Shaft Bearings	Sealed Pillow Bock Tapered Roller Bearing		
Head Pulley	16-½" (419.1mm) Dia. w/ Vulcanized Rubber Lagging		
Buckets	11" X 7" (279.4mm X 177.8mm) HDPE Optional Carbon Steel Available		
Belting	24" (609.6mm) Wide PVC or Rubber		
Legging	10 Ga. Seam Welded Single Leg w/ Angle Iron Corners Optional 7 Ga.		
Boot Casing	7 Ga.		
Boot Shaft Bearings	Sealed Two Bolt Flange Ball Bearing		
Boot Pulley	16-½" (419.1mm) Dia. Self-Cleaning Spoke Pulley		
Construction	Powder Coated Carbon, Galvanized, or Stainless Steel		
Drive Package	Optional		
Motor	Optional		
Lining Options	AR Steel or Urethane		
*Units in Parenthesis are Metric (mm)			

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# Model U10



Unit	A	B	C	D	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
in	73	62½	24½	20½	28½	33½	48	60	41	18	39½	32½	38¼	39¾	33½	28½	28½	20½	26	18	20½	17	17
mm	1855	1587	621	521	722	851	1219	1524	1042	454	1003	826	969	1010	851	723	724	521	660	457	521	432	432

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.