



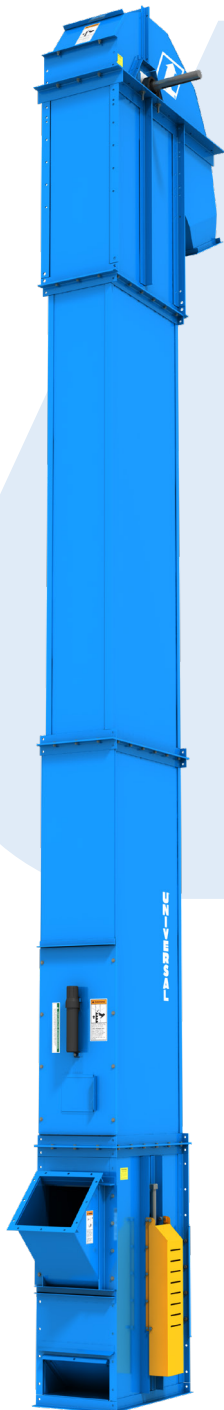
**FOR HOSTILE MATERIALS -
HOT, CORROSIVE, HEAVY,
ABRASIVE, HYGROSCOPIC,
WET, LUMPY***

BUCKET ELEVATORS

*up to 5,625 ft³/h
(159 m³/h)
4,500 BPH*

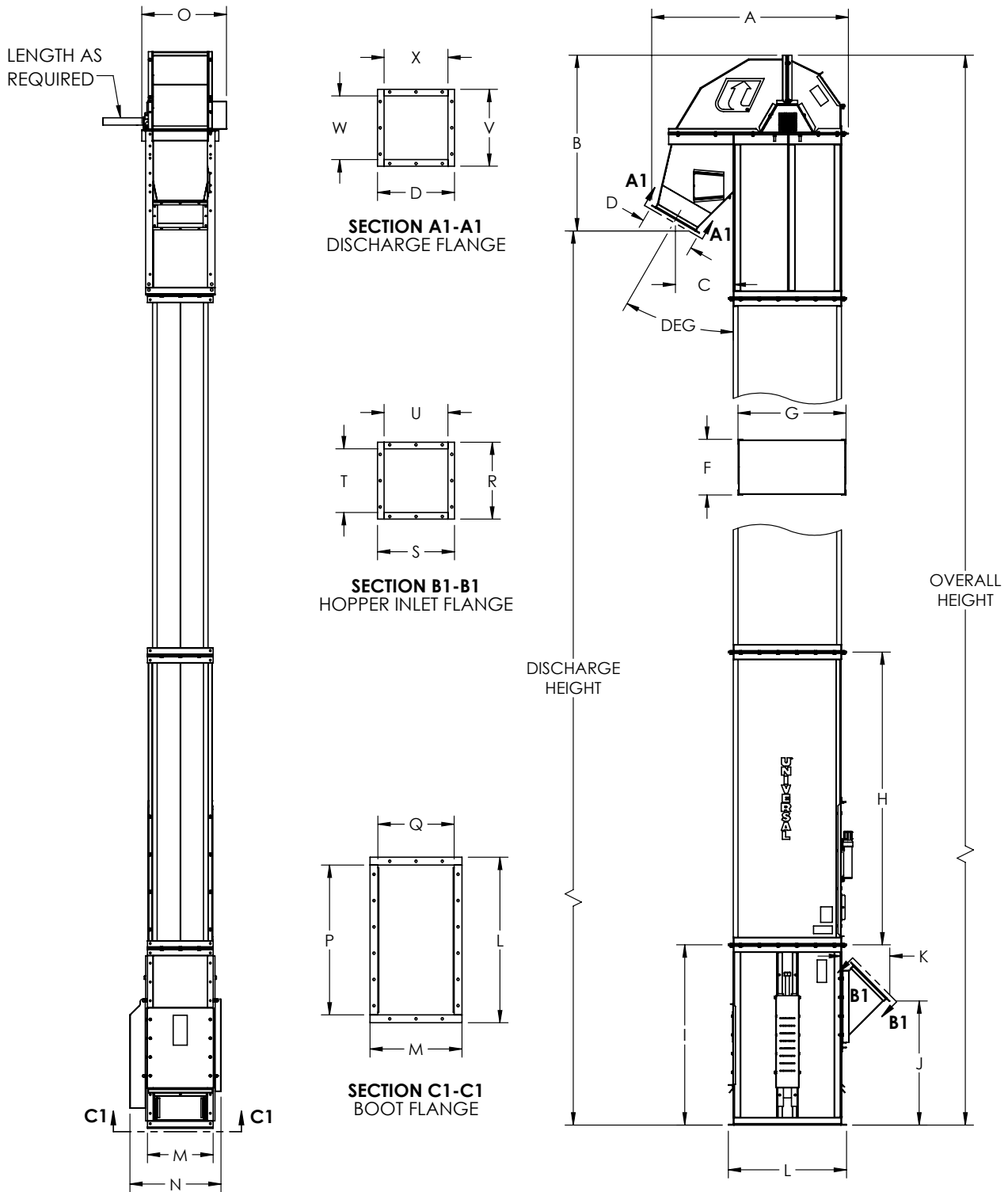
EXCLUSIVE “EASY DUMP®” DESIGN
(U3-1600ED only)

SPECIFICATIONS



Model	U3-1600ED	U3-4300	U3-5600
Capacity - Free Flowing Material @ 110% Waterline Bucket Fill	1,300 BPH 1,625 ft ³ /hr 46 m ³ /hr	3,500 BPH 4,375 ft ³ /hr 124 m ³ /hr	4,500 BPH 5,625 ft ³ /hr 159 m ³ /hr
Short TPH @ 50 lbs/Ft. ³	40	109	140
MTPH @ 50 lbs/Ft. ³	36	98	127
Short TPH @ 75 lbs/Ft. ³	60	167	210
MTPH @ 75 lbs/Ft. ³	54	148	190
Belt Speed FPM	179 (0.91m/s)	374 (1.9m/s)	487 (2.47m/s)
Head Shaft RPM	57	119	155
Bucket Spacing	6" (152.4mm) Center Spacing		
Head Casing	12 Ga. Hoods & 7 Ga. Lower Head		
Head Shaft Bearings	Sealed Pillow Bock Tapered Roller Bearing		
Head Pulley	12" (304.8mm) Dia. w/ Vulcanized Rubber Lagging		
Buckets	11" X 5-1/2" (279.4mm X 139.7mm) HDPE Optional Carbon Steel Available		
Belting	12" (304.8mm) Wide PVC or Rubber		
Legging	12 Ga. Seam Welded Single Leg w/ Angle Iron Corners		
Boot Casing	7 Ga.		
Boot Shaft Bearings	Sealed Two Bolt Flange Ball Bearing		
Boot Pulley	12" (304.8mm) 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 U3



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	52½	46¾	15½	14¾	14¾	28¾	78	48	33	13	31	17½	33¼	22½	28½	14½	14¾	14¾	12¼	12¼	14¾	12¼	12¼
mm	1331	1184	391	371	376	732	1981	1219	840	327	789	445	845	573	724	368	371	371	308	308	371	308	308

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.