



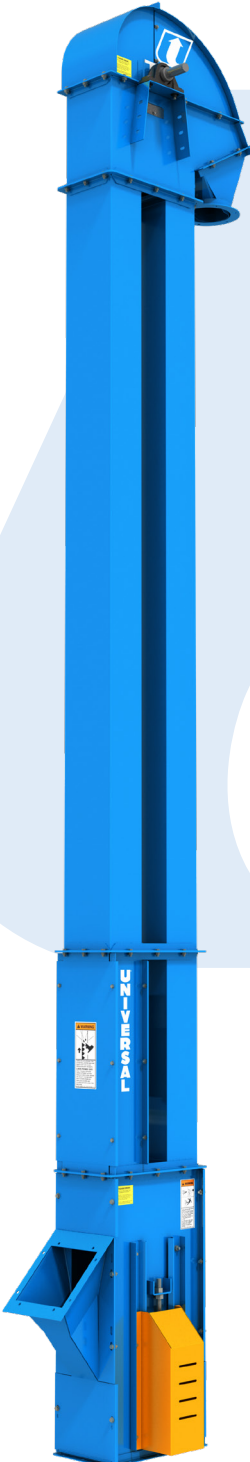
**STOCK, MODULAR DESIGN
FOR PROMPT DELIVERY,
EASY INSTALLATION**

BUCKET ELEVATORS

*up to 875 ft³/h
(24 m³/h)
700 BPH*

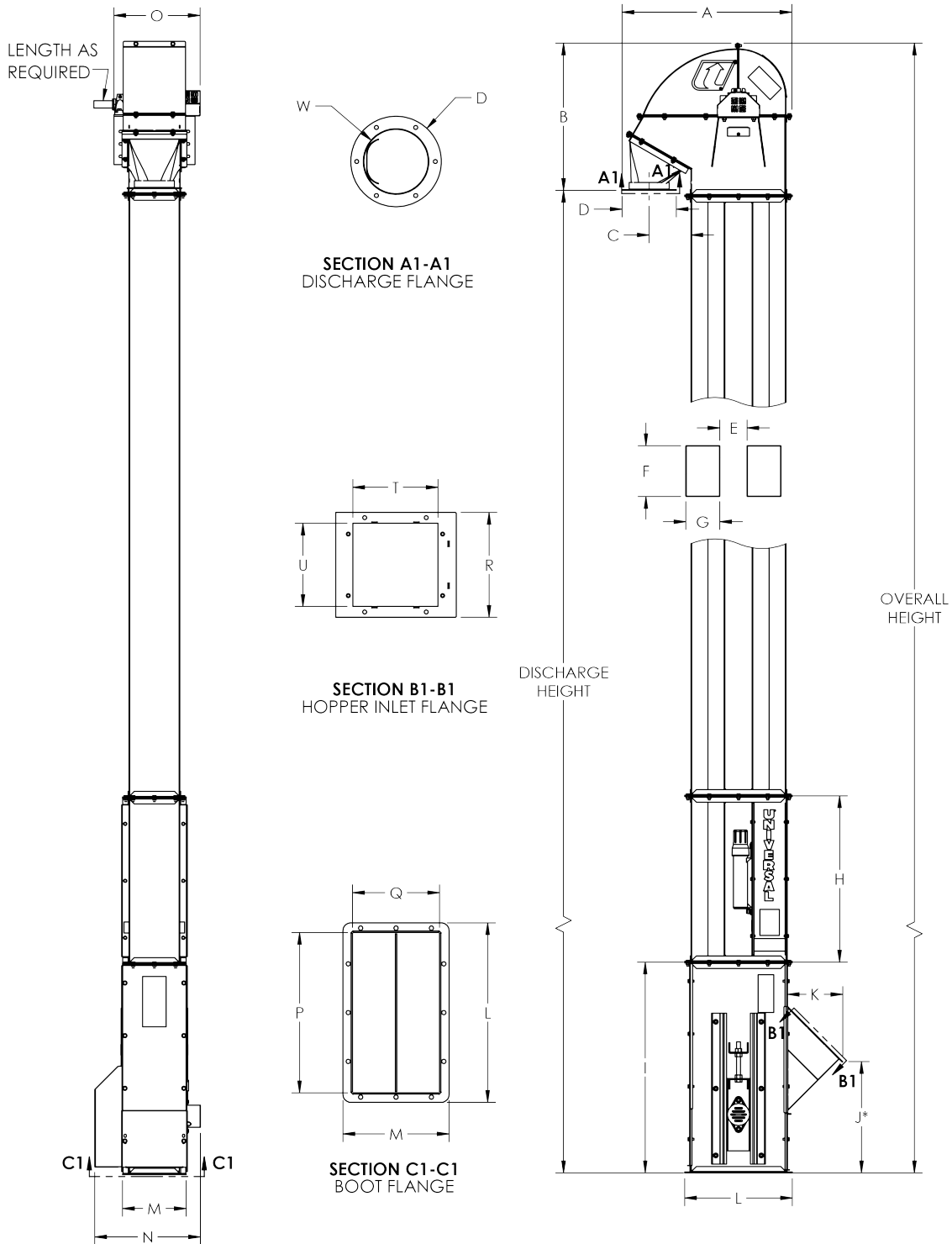
EXCLUSIVE “EASY DUMP®” DESIGN
(C3-175ED only)

SPECIFICATIONS



Model	C3-175ED	C3-500	C3-700
Capacity - Free Flowing Material @ 110% Waterline Bucket Fill	175 BPH 220 ft ³ /hr 6 m ³ /hr	500 BPH 630 ft ³ /hr 17 m ³ /hr	700 BPH 875 ft ³ /hr 24 m ³ /hr
Short TPH @ 50 lbs/Ft. ³	5	15	21
MTPH @ 50 lbs/Ft. ³	4	13	19
Short TPH @ 75 lbs/Ft. ³	8	23	32
MTPH @ 75 lbs/Ft. ³	7	20	29
Belt Speed FPM	130 (0.66m/s)	275 (1.39m/s)	336 (1.71m/s)
Head Shaft RPM	95	200	245
Bucket Spacing	4-¼” (107.95mm) Center Spacing		
Head Casing	12 Ga.		
Head Shaft Bearings	Sealed Pillow Block Ball Bearing		
Head Pulley	5-½” (139.7mm) Dia. w/ Vulcanized Rubber Lagging		
Buckets	6” X 4” (152.4mm X 101.6mm) HDPE Optional Carbon Steel Available		
Belting	6-½” (165.1mm) Wide PVC or Rubber		
Legging	16 Ga. Twin Leg Seam Welded Columns		
Boot Casing	12 Ga.		
Boot Shaft Bearings	Sealed Two Bolt Flange Ball Bearing		
Boot Pulley	5-½” (139.7mm) 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)			

Model C3



Unit	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	T	U	W
in	26¼	23½	6¾	8¾	5½	8	4¼	26½	33½	18	8¾	17¼	10¼	17	13¾	15	8¼	10	8¼	8	6¼
mm	667	595	169	219	137	206	110	672	851	455	221	436	257	430	348	384	212	254	206	202	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.*