



U CHAIN

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

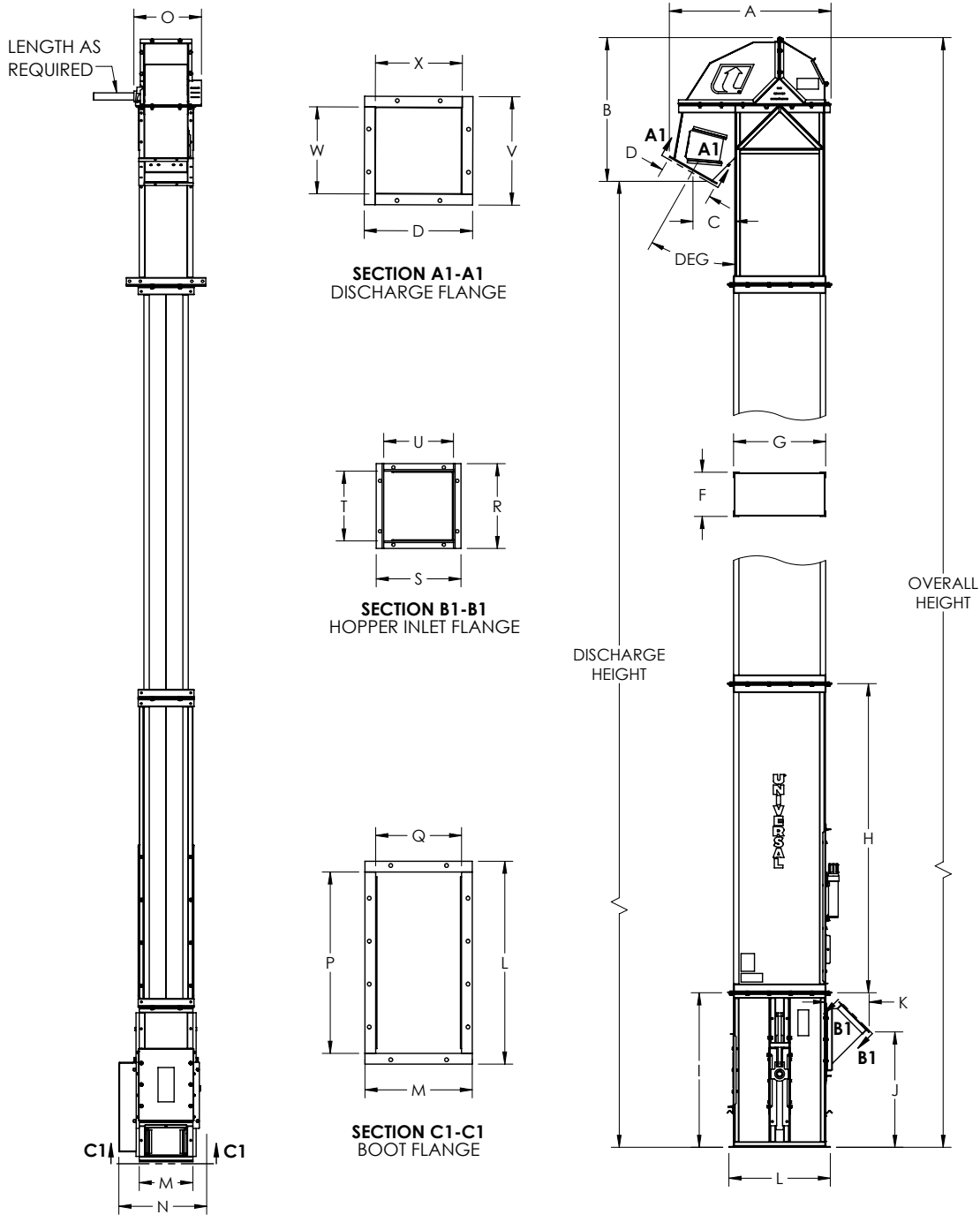
**BUCKET
ELEVATORS**
*up to 1,600 ft³/h
(84 m³/h)
1,250 BPH*

EXCLUSIVE “EASY DUMP®” DESIGN
SPECIFICATIONS



Model	U1C-187ED	U2C-600ED	U3C-1600ED
Capacity - Free Flowing Material @ 110% Waterline Bucket Fill	1,459 BPH 1,815 ft ³ /hr 51 m ³ /hr	600 BPH 750 ft ³ /hr 21 m ³ /hr	1,250 BPH 1,600 ft ³ /hr 84 m ³ /hr
Short TPH @ 50 lbs/Ft. ³	4	19	40
MTPH @ 50 lbs/Ft. ³	4	17	36
Short TPH @ 75 lbs/Ft. ³	7	28	60
MTPH @ 75 lbs/Ft. ³	6	26	54
Chain Speed FPM	130 (0.66m/s)	197 (1.00m/s)	179 (0.91m/s)
Head Shaft RPM	95	90	57
Bucket Spacing	5" (127mm) Center Spacing	5-7/32" (152.4mm) Center Spacing	7-13/16" (198.45mm) Center Spacing
Head Casing	12 Ga.	14 Ga. Hoods & 11 Ga. Lower Head	12 Ga. Hoods & 7 Ga. Lower Head
Head Shaft Bearings	Sealed Pillow Block Ball Bearing		
Head Sprocket	50A27	78A9HT	78A14HT
Buckets	6" X 4" HDPE (152.4mm X 101.6mm)	7" X 4½" HDPE (177.8mm X 114.3mm)	11" X 5½" HDPE (279.4mm X 139.7mm)
Chain	C2050	81X	
Legging	14 Ga.	14 Ga. w/ Angle Iron Corners	12 Ga. w/ Angle Iron Corners
	Seam Welded Single Leg		
Boot Casing	12 Ga.	10 Ga.	7 Ga.
Boot Shaft Bearings	Sealed Two Bolt Flange Ball Bearing	Sealed Take-up Ball Bearing	
Boot Sprocket	50A27	78A9HT	78A14HT
Construction	Powder Coated Carbon, Galvanized, or Stainless Steel		
Motor	Optional		
Lining Options	AR Steel or Urethane		
*Units in Parenthesis are Metric (mm)			

Model U Chain



		A	B	C	D	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
U1C	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*	-
U2C	in	37¾	33½	9¾	12¾	10¼	21½	72	36	27	10¼	23¾	12½	20½	15¾	21¼	8¼	10	-	8¼	8¼	12¾	10¼	10¼
	mm	956	850	248	321	262	545	1829	914	683	258	600	318	520	400	537	206	251	-	206	206	321	257	257
U3C	in	52½	46¾	15½	14¾	14¾	28¾	78	48	33	13	31	17½	33¾	22½	28½	14½	14¾	12¼	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

*Round Discharge Flange

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.



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