

# BUCKET ELEVATORS

## UNIMAX<sup>®</sup> 42

### HIGH CAPACITY CENTRIFUGAL DISCHARGE ELEVATORS

Model	UniMAX <sup>®</sup> 42
Capacity - Free Flowing Material @ 110% Waterline Bucket Fill	13,000 - 18,000 BPH 16,250 - 22,500 ft <sup>3</sup> /h 460 - 637 m <sup>3</sup> /h
Short TPH @ 50lbs/ft <sup>3</sup>	406 - 563
MTPH @ 50lbs/ft <sup>3</sup>	369 - 510
Belt Speed FPM	572 - 792
Belt Speed m/s	2.90 - 4.02
Head Shaft RPM	52 - 72
Bucket Spacing	10" (254mm)
Head Casing	12 Ga. Hoods & 10 Ga. Lower Head
Head Shaft Bearings	Sealed Pillow Block Type E-Xtra Bearings Optional Pillow Block Type EXL Bearings
Head Pulley	42" (1,066.8mm) Dia. Pulley with Slide Lagging
Buckets	20" x 8" (508mm x 203.2mm) HDPE Buckets Standard
Belting	21" (533.4mm) Wide Rubber Conti-Tech Pathfinder <sup>®</sup>
Legging	12 Ga. Twin Leg Seam Welded Columns
Boot Casing	1/4" (6.35mm)
Boot Shaft Bearings	Sealed Pillow Block Ball Bearing
Boot Pulley	42" (1,066.8mm) Dia. Self-Cleaning Wing Pulley
Steel Construction	Powder Coated Carbon, Hot Dipped Galvanized, or Stainless
Drive Package	Optional
Motor	Optional
Lining Options	AR Steel, Ceramic, and Urethane
Optional Accessories	Shovel Pocket, Rack & Pinion Cleanout Slides, Cup Fill Inspection Door, Pressure Relief Panels

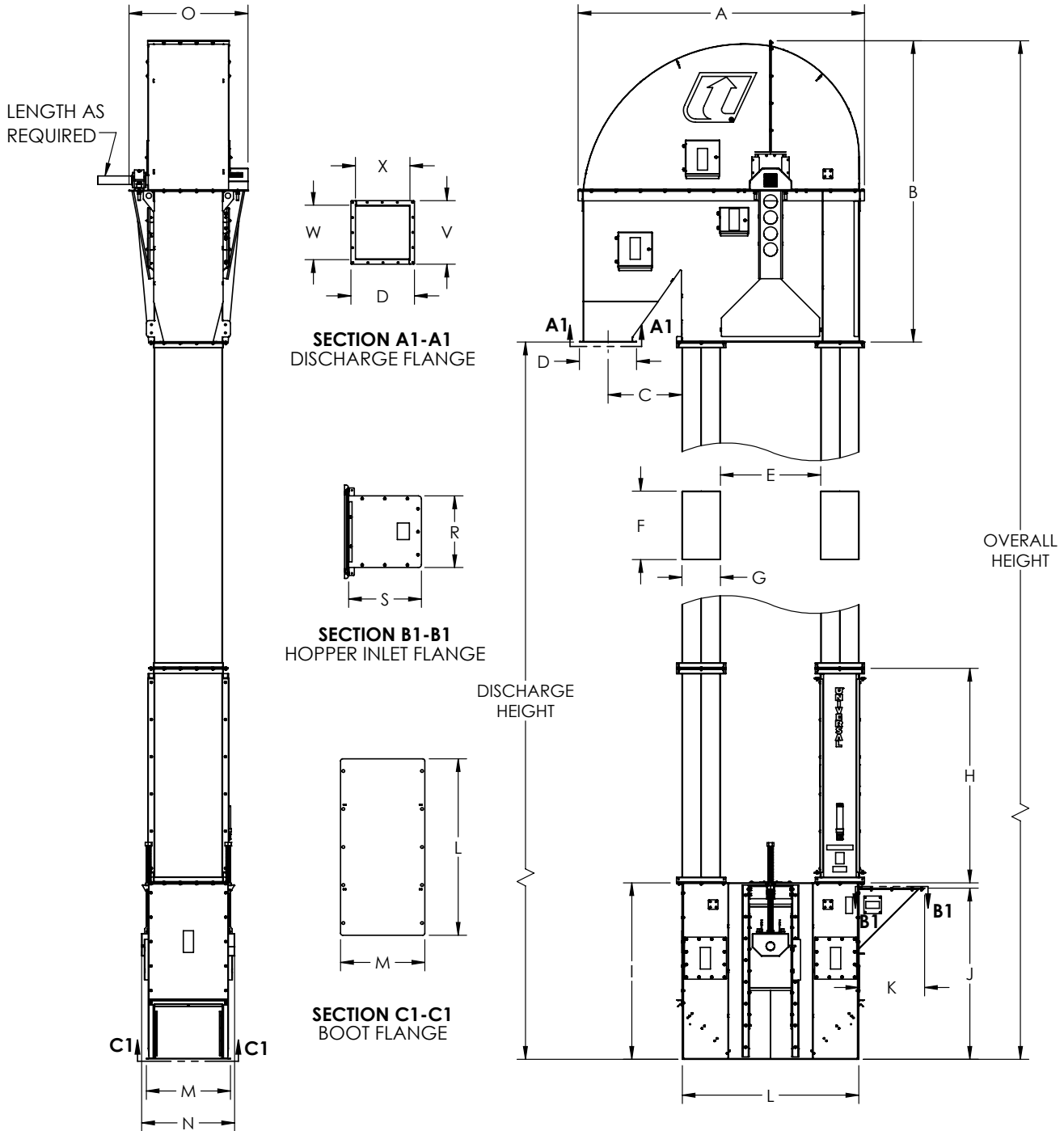


*Engineered to meet the most strict industry standards. The elevator head, boot, and intermediate sections have been designed with adequate space for buckets and belt to travel un-impeded throughout the system.*

WHAT THE INDUSTRY IS BUILT AROUND

800.553.4446 | WWW.UNIVERSALINDUSTRIES.COM

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Unit	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	R	S	V	W	X
in	105.5	111	27.3	21.1	36.4	25.2	14.1	79	65	63	24.3	65	31	34.2	43.8	23.8	24.1	21.1	18.1	18.1
mm	2679	2819	692	535	924	641	359	2007	1651	1600	616	1651	787	868	1113	603	613	535	459	459



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.