

BUCKET ELEVATORS

UNIMAX® 30

HIGH CAPACITY CENTRIFUGAL DISCHARGE ELEVATORS

Model	UniMAX® 30
Capacity - Free Flowing Material @ 110% Waterline Bucket Fill	5,000 - 8,500 BPH 6,250 - 10,625 ft³/h 177 - 301 m³/h
Short TPH @ 50lbs/ft³	156 - 266
MTPH @ 50lbs/ft³	138 - 235
Belt Speed FPM	511 - 801
Belt Speed m/s	2.59 - 4.07
Head Shaft RPM	65 - 102
Bucket Spacing	8" (203.2mm)
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	30" (762mm) Dia. Pulley with Slide Lagging
Buckets	14" x 6" (355.6mm x 152.4mm) HDPE Buckets Standard
Belting	15" (381mm) Wide Rubber Conti-Tech Pathfinder®
Legging	12 Ga. Twin Leg Seam Welded Columns Optional 10 Ga.
Boot Casing	7 Ga. (4.55mm)
Boot Shaft Bearings	Sealed Pillow Block Ball Bearing
Boot Pulley	30" (762mm) 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, or Urethane
Optional Accessories	Shovel Pocket, Rack & Pinion Cleanout Slides, Cup Fill Inspection Door, Pressure Relief Panels

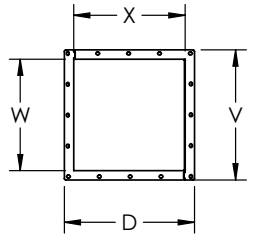
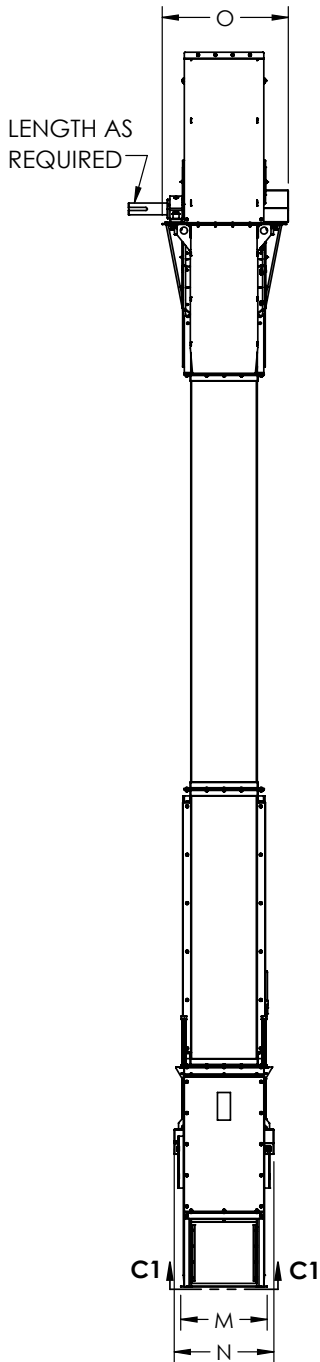


Engineered to meet the most strict industry standards. The elevator head, boot, and intermediate sections have been designed with adequate space for buckets and belt to travel un-impeded throughout the system.

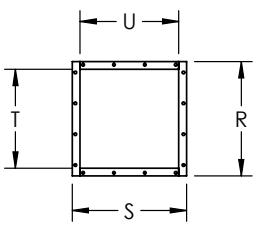
WHAT THE INDUSTRY IS BUILT AROUND

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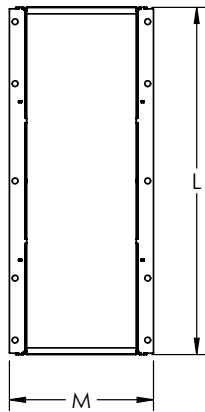
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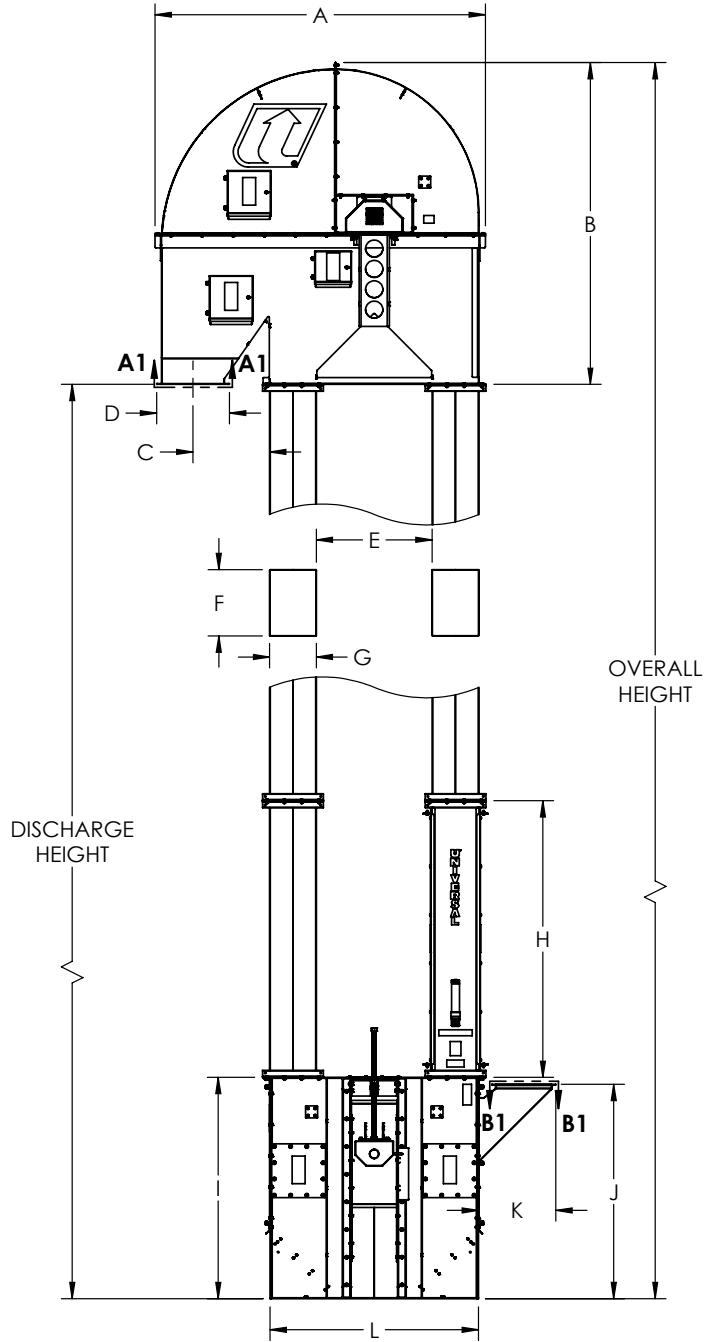
SECTION A1-A1
DISCHARGE FLANGE



SECTION B1-B1
HOPPER INLET FLANGE



SECTION C1-C1
BOOT FLANGE



Unit	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	R	S	V	W	X
in	83.8	81.5	22.1	17.1	26.7	19.0	12.0	69.0	51.0	47.7	18.1	50.9	23.0	26.4	34.3	18.0	18.0	17.1	14.1	14.1
mm	2129	2070	561	434	678	482	305	1753	1295	1212	460	1293	584	671	871	457	457	434	358	358



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.