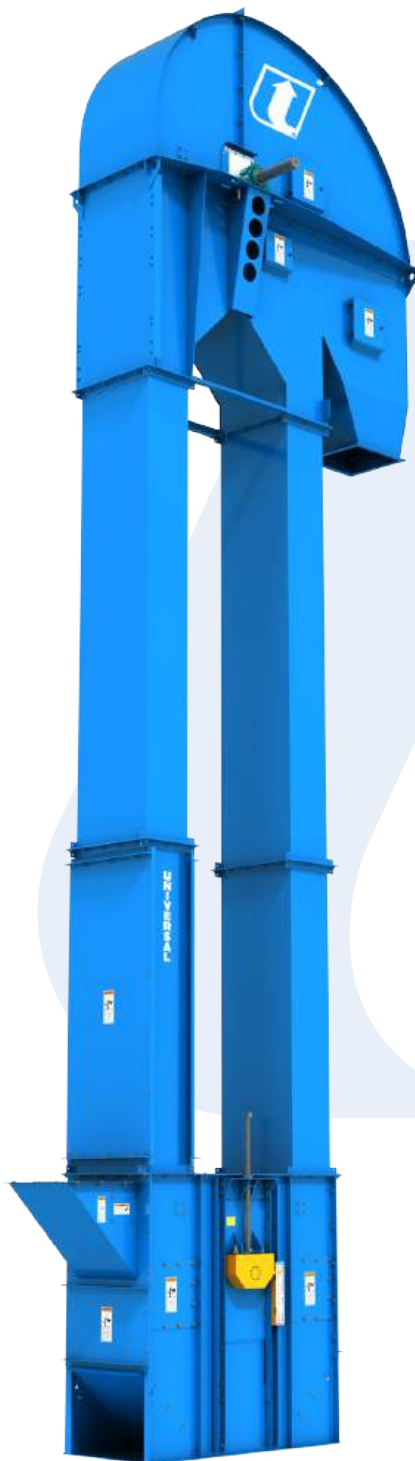


UniMAX™ 24

BUCKET ELEVATORS *Up to 4,000 BPH*

SPECIFICATIONS



Model	UniMAX™ 24
Capacity - Free Flowing Material @ 110% Waterline Bucket Fill	2,000 - 4,000 BPH 2,489 - 4,978 ft³/h 70 - 140.96 m³/h
Short TPH @ 50lbs/ft³	61 - 122
MTPH @ 50lbs/ft³	55 - 110
Belt Speed FPM	502 - 797
Belt Speed m/s	2.55 - 4.04
Head Shaft RPM	80 - 127
Bucket Spacing	7.5" (190mm)
Head Casing	12 Ga. Hoods & 10 Ga. Lower Head
Head Shaft Bearings	Sealed Pillow Block Ball Bearings Optional Pillow Block Type E-Xtra Bearings
Head Pulley	24" (609.6mm) Dia. Pulley with Slide Lagging
Buckets	9" x 5" (228.6mm x 127mm) HDPE Buckets Standard
Belting	11" (279.4mm) 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	24" (609.6mm) 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

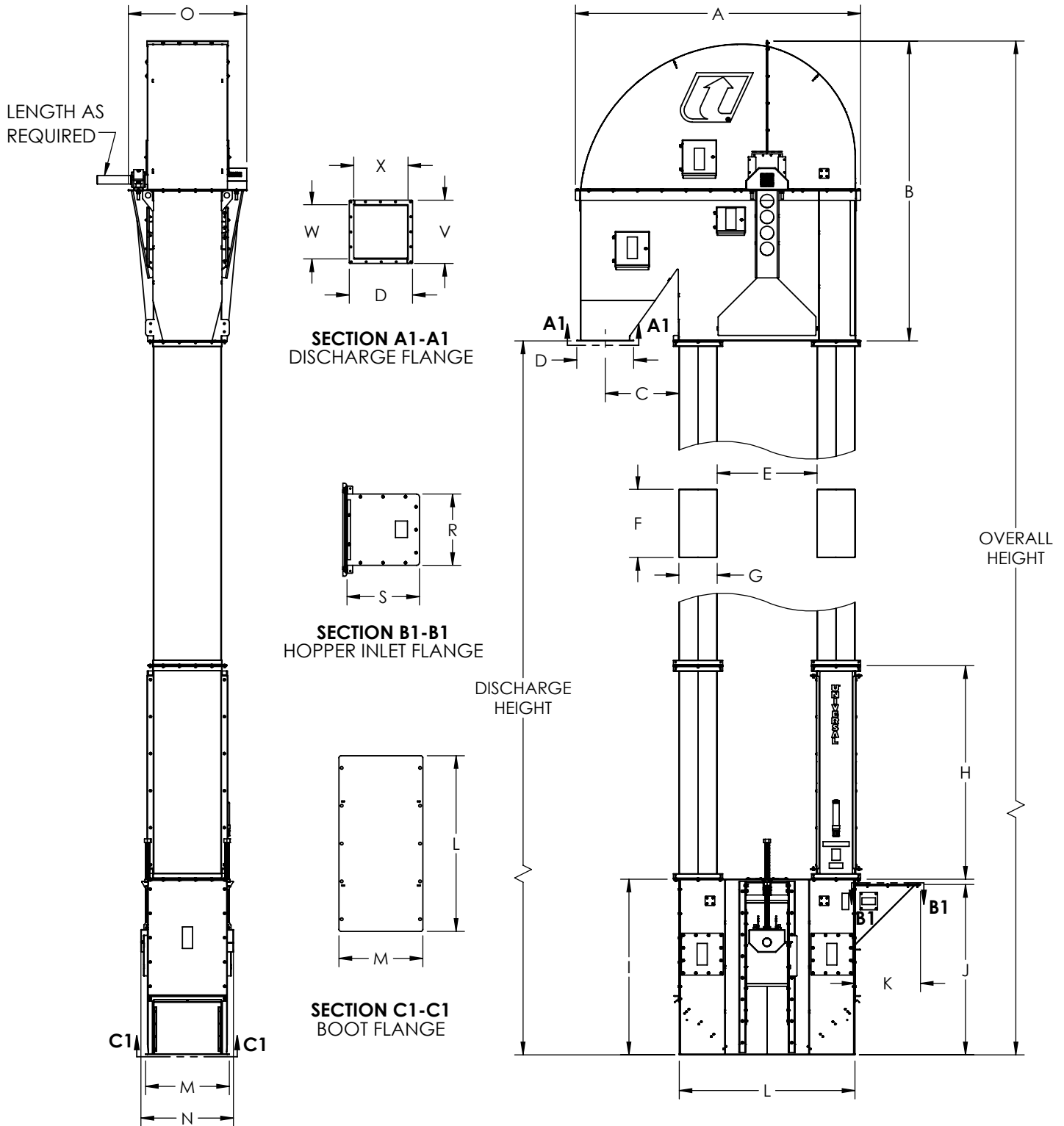
*Specifications and designs are subject to change without notice



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UniMAX™ 24



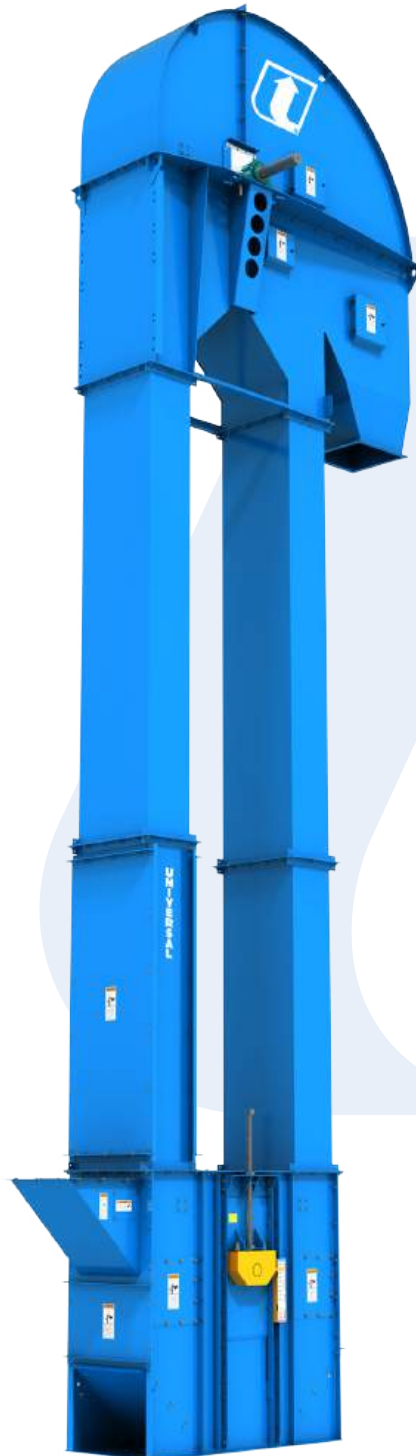
Unit	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	R	S	V	W	X
in	69.4	63.7	18.3	15	19.8	14.6	10.7	73	47	44.7	13.1	41.3	18.7	22.4	26.4	13.1	14	15.1	12.1	12.1
mm	1,762	1,617	464	383	502	371	272	1,854	1,194	1,136	333	1,049	475	568	671	333	356	383	306	306

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.*

BUCKET ELEVATORS

Up to 8,500 BPH

SPECIFICATIONS



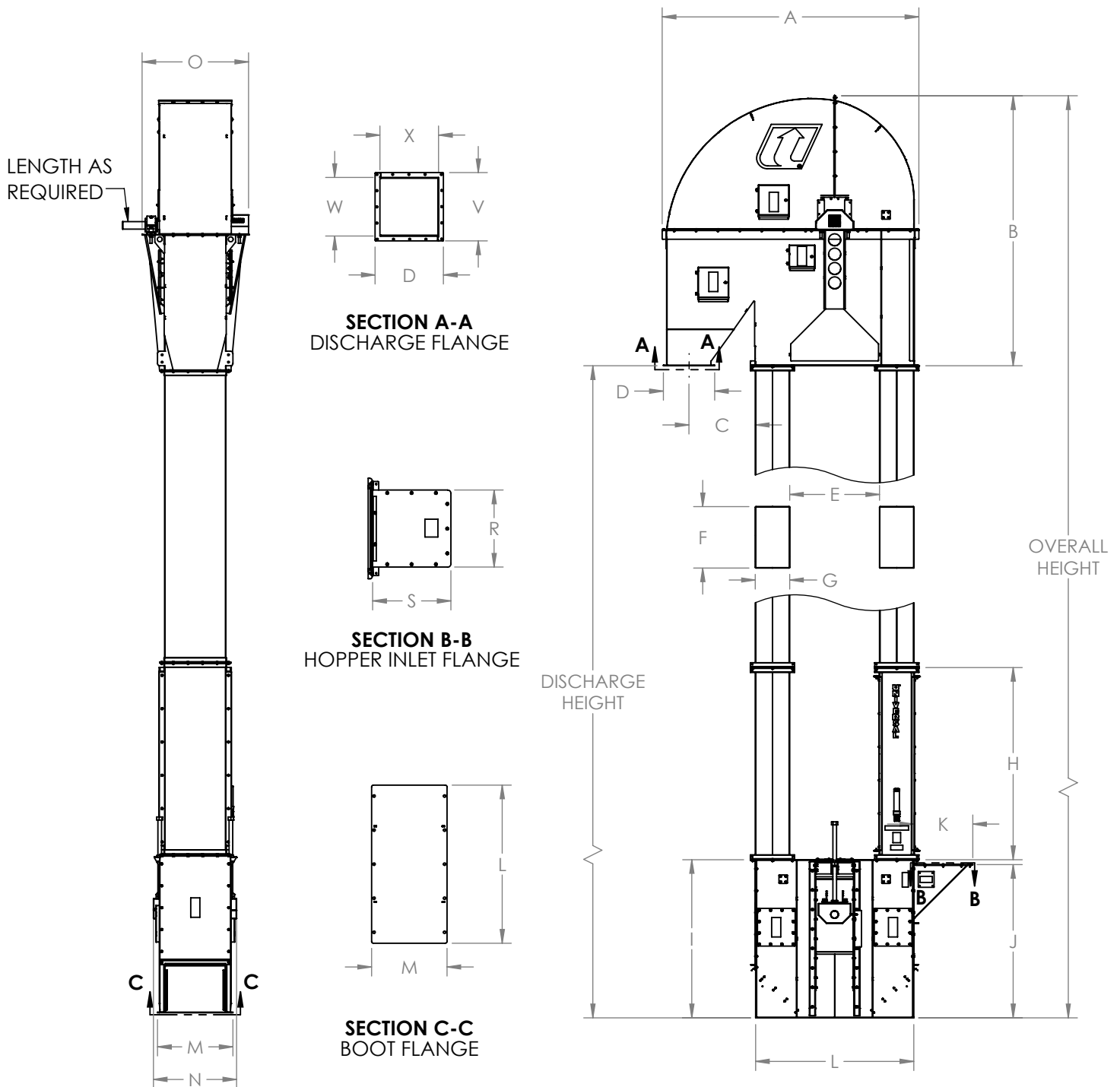
Model	UniMAX™ 30
Capacity - Free Flowing Material @ 110% Waterline Bucket Fill	5,000 - 8,500 BPH 6,222 - 10,577 ft³/h 176 - 299 m³/h
Short TPH @ 50lbs/ft³	152 - 259
MTPH @ 50lbs/ft³	138 - 235
Belt Speed FPM	510 - 801
Belt Speed m/s	2.59 - 4.07
Head Shaft RPM	62 - 102
Bucket Spacing	8" (203.2mm)
Head 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



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UniMAX™ 30



Unit	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	R	S	V	W	X
in	77.6	76	18	13.5	25.9	19	11.8	69.3	50.7	48.7	16	49.6	17.5	20.8	28	16	16	13.5	12	12
mm	1,971	1,930	457	343	658	482	301	1,759	1,289	1,238	406	1,260	445	527	711	406	406	343	305	305

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BUCKET ELEVATORS

Up to 13,000 BPH

SPECIFICATIONS



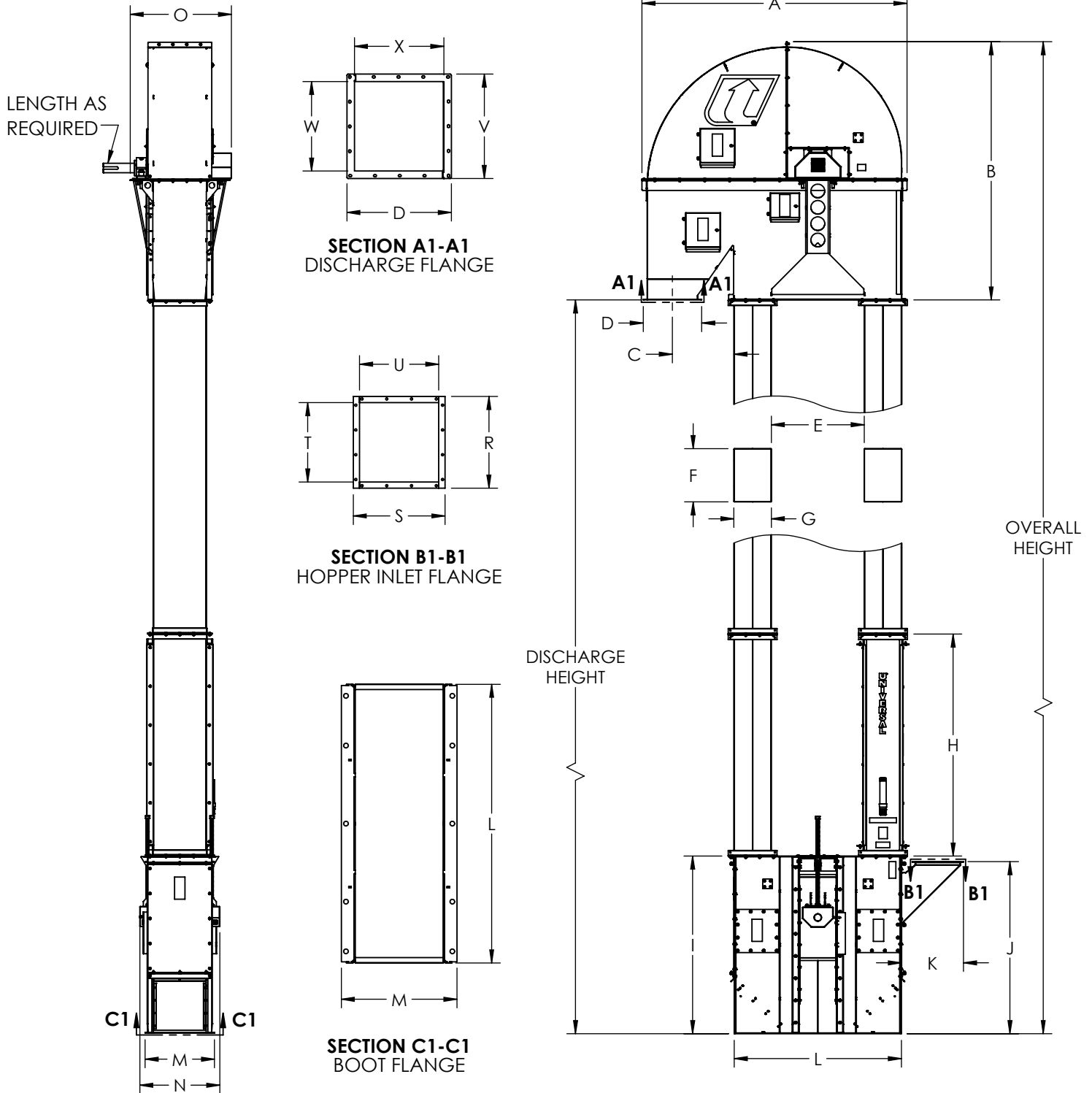
Model	UniMAX™ 36
Capacity - Free Flowing Material @ 110% Waterline Bucket Fill	9,500 - 13,000 BPH 11,800 - 16,100 f³/h 334 - 455 m³/h
Short TPH @ 50lbs/ft³	290 - 396
MTPH @ 50lbs/ft³	263-359
Belt Speed FPM	574 - 800
Belt Speed m/s	2.91 - 4.06
Head Shaft RPM	61 - 85
Bucket Spacing	10" (254mm)
Head Casing	12 Ga. Hoods & 10 Ga. Lower Head
Head Shaft Bearing	Sealed Pillow Block Type E-Xtra Bearings Optional Pillow Block Type EXL Bearings
Head Pulley	36" (914.4mm) Dia. Pulley with Slide Lagging
Buckets	14" x 8" (355.6mm x 203.2mm) HDPE Buckets Standard
Belting	15" (381mm) Wide Rubber Conti-Tech Pathfinder®
Legging	12 Ga. Twin Leg Seam Welded Columns Optional 10 Ga.
Boot Casing	1/4" (6.35mm)
Boot Shaft Bearing	Sealed Pillow Block Ball Bearing Optional 4 Bolt Flange Ball Bearing
Boot Pulley	36" (914.4mm) 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



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UniMAX™ 36



Unit	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	R	S	T	U	V	W	X
in	95.5	213.1	22.2	21.1	33.5	19.2	13.5	80	64	62	22.4	60.3	25	29	36.5	18.5	18.5	16	16	21.1	18.1	18.1
mm	2,426	5,412	564	535	850	488	344	2,032	1,626	1,575	568	1,530	635	737	927	470	470	406	406	535	459	459

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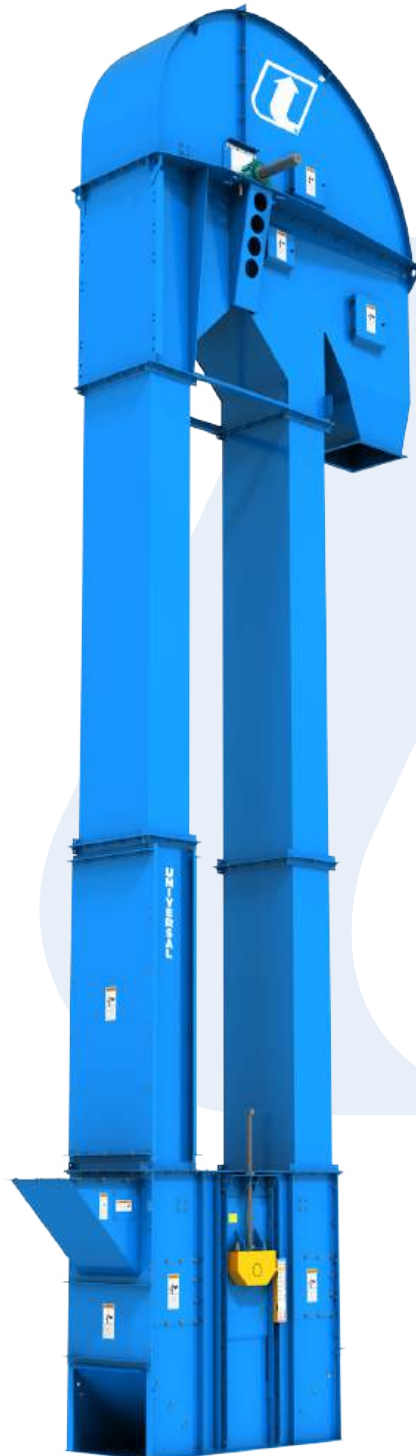
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BUCKET ELEVATORS

Up to 18,000 BPH

SPECIFICATIONS



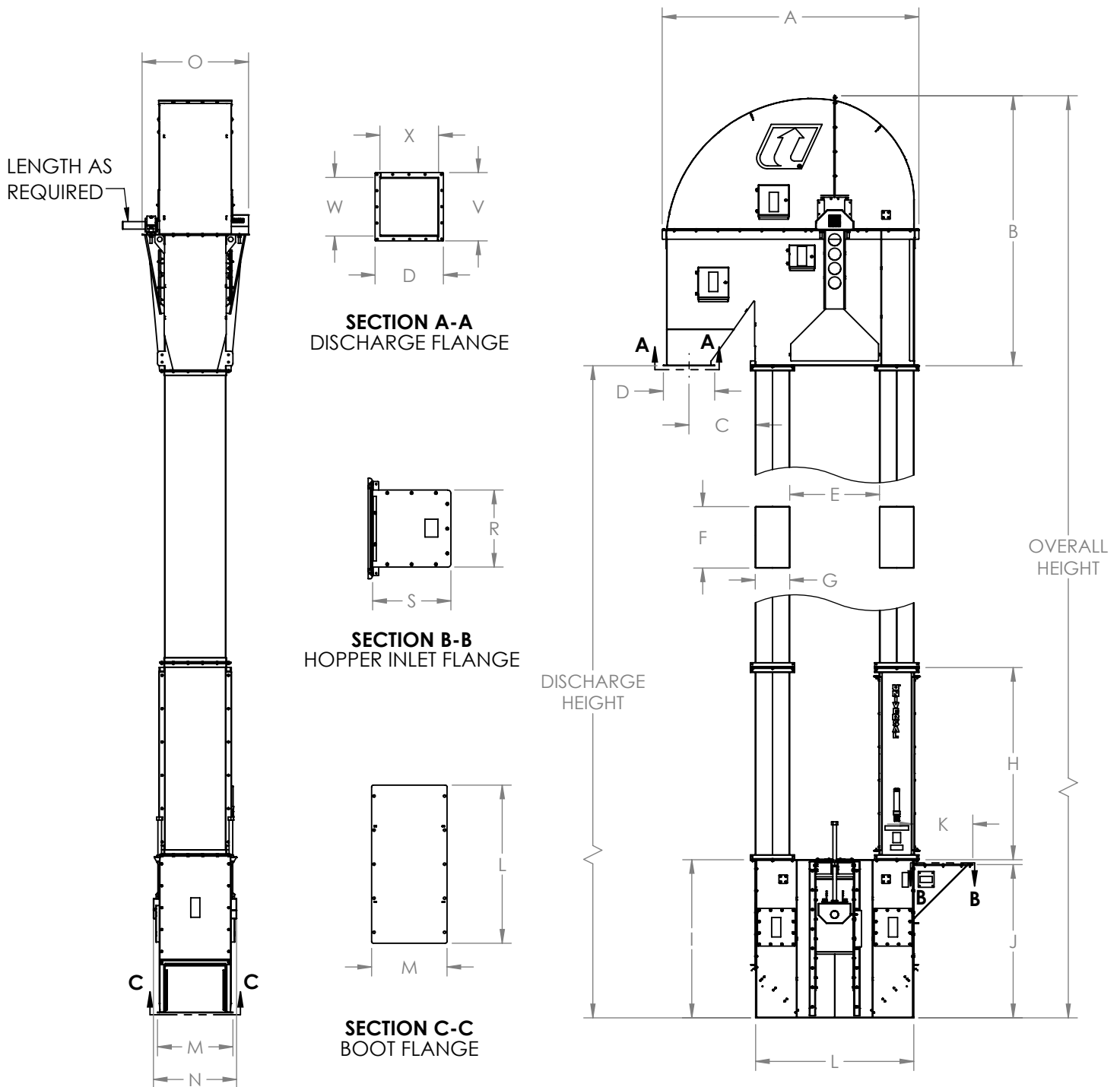
Model	UniMAX™ 42
Capacity - Free Flowing Material @ 110% Waterline Bucket Fill	13,000 - 18,000 BPH 16,100 - 22,400 ft³/h 455 - 634 m³/h
Short TPH @ 50lbs/ft³	396 - 549
MTPH @ 50lbs/ft³	359 - 498
Belt Speed FPM	572 - 792
Belt Speed m/s	2.90 - 4.02
Head Shaft RPM	52 - 72
Bucket Spacing	10" (254mm)
Head 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®
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



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UniMAX™ 42



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

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BUCKET ELEVATORS

Up to 18,000 BPH

SPECIFICATIONS



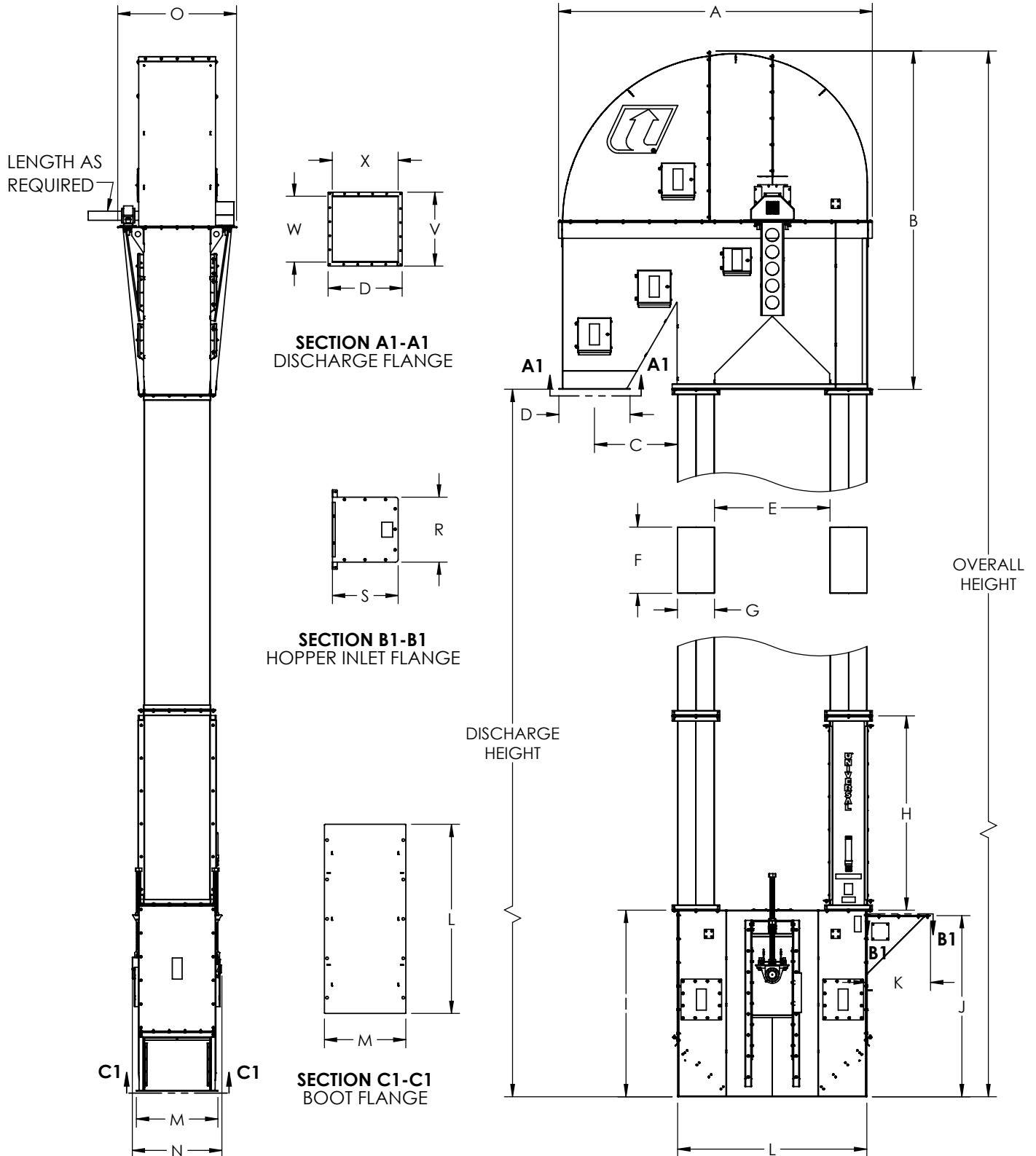
Model	UniMAX™ 48
Capacity - Free Flowing Material @ 110% Waterline Bucket Fill	13,000 - 18,000 BPH 16,100 - 22,400 ft³/h 455 - 634 m³/h
Short TPH @ 50lbs/ft³	396 - 549
MTPH @ 50lbs/ft³	359 - 498
Belt Speed FPM	572 - 792
Belt Speed m/s	2.90 - 4.02
Head Shaft RPM	45 - 72
Bucket Spacing	10" (254mm)
Head Casing	12 Ga. Hoods & 10 Ga. Lower Head
Head Shaft Bearing	Sealed Pillow Block Type E-Xtra Bearings Optional Pillow Block Type EXL Bearings
Head Pulley	48" (1,219.2mm) 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®
Legging	12 Ga. Twin Leg Seam Welded Columns
Boot Casing	1/4" (6.35mm)
Boot Shaft Bearings	Sealed Pillow Block Ball Bearing
Boot Pulley	48" (1,219.2mm) 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



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UniMAX™ 48



Unit	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	R	S	V	W	X
in	119.5	128.8	31.6	27.1	43.9	25.2	24.1	74	71	69	24.5	72	31	34.1	45.3	23.8	24	27.1	24.1	24.1
mm	3,035	3272	802	687	1,116	641	613	1,880	1,803	1,753	622	1,829	787	867	1,149	603	610	687	611	611

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