

# BUCKET ELEVATORS

## DD TWIN TRUNK ALPHA SERIES

WITH EASY DUMP<sup>®</sup>

| Model   | DD-2000ED<br>(EASY DUMP <sup>®</sup> )   | DD-4500  | DD-6000  |
|---|--|--|--|
| Capacity - Free Flowing Material @ 110% Waterline Bucket Fill | 2,000 BPH<br>2,500 ft <sup>3</sup> /hr<br>70.8 m <sup>3</sup> /hr                        | 4,500 BPH<br>5,625 ft <sup>3</sup> /hr<br>159 m <sup>3</sup> /hr | 6,000 BPH<br>7,500 ft <sup>3</sup> /hr<br>212 m <sup>3</sup> /hr |
| Short TPH @ 50 lbs/Ft. <sup>3</sup>                           | 62   | 140  | 187  |
| MTPH @ 50 lbs/Ft. <sup>3</sup>                                | 56   | 127  | 169  |
| Short TPH @ 75 lbs/Ft. <sup>3</sup>                           | 93   | 210  | 281  |
| MTPH @ 75 lbs/Ft. <sup>3</sup>                                | 84   | 190  | 254  |
| Belt Speed FPM  | 185 (0.94m/s)  | 400 (2.0m/s)   | 538 (2.7m/s)   |
| Head Shaft RPM  | 57   | 124  | 166  |
| Bucket Spacing  | 6" (152.4mm) Staggered   |  |  |
| Head Casing   | 14 Ga. Hoods & 12 Ga. Lower Head   |  |  |
| Head Shaft Bearings   | Sealed Pillow Block Ball Bearing<br>Optional Tapered Roller                              |  |  |
| Head Pulley   | 12-3/8" (314.33mm) Dia. w/ Vulcanized Rubber Lagging                                     |  |  |
| Buckets   | 9" x 5-1/2" (228.6mm x 139.7mm) HDPE or Steel Double Rows<br>Optional Single Row Buckets |  |  |
| Belting   | 21" (533.4mm) Wide PVC or Rubber   |  |  |
| Legging   | 14 Ga. Twin Leg Seam Welded Columns  |  |  |
| Boot Casing   | 10 Ga.   |  |  |
| Boot Shaft Bearings   | Sealed Take-up Ball Bearing  |  |  |
| Boot Pulley   | 12-3/8" (314.33mm) Dia. Self-Cleaning Wing Pulley  |  |  |
| Construction  | Powder Coated Carbon, Galvanized, or Stainless Steel                                     |  |  |
| Drive Package   | Optional   |  |  |
| Motor   | Optional   |  |  |
| Lining Options  | AR Steel or Urethane   |  |  |

(EASY DUMP<sup>®</sup> speed, the speed suggested for gentle handling, is only guaranteed on the lowest capacity for each elevator).

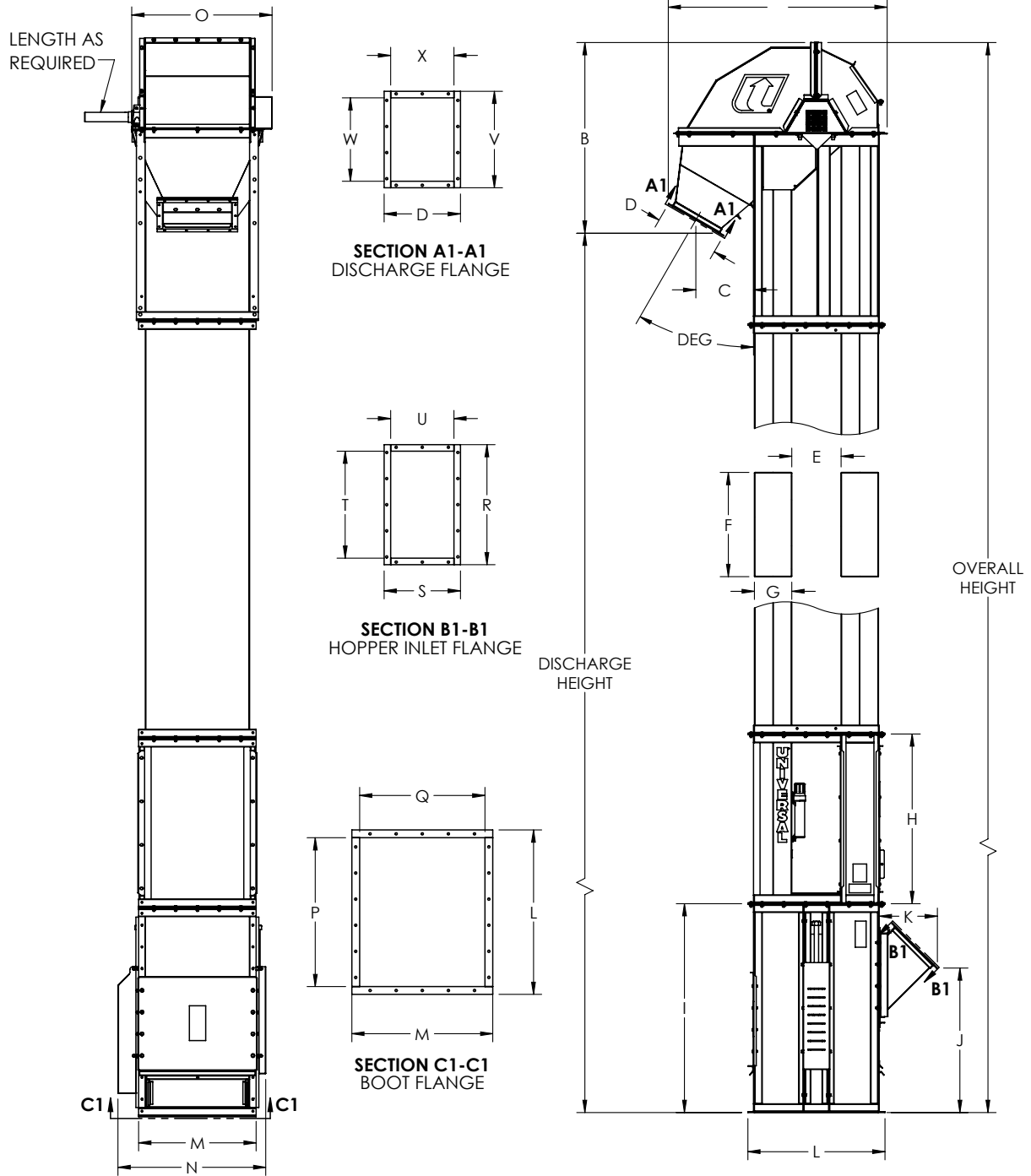


Alpha Series elevators are perfect for gently handling bulk products. Each elevator can reach a range of different capacities and speeds, and are available in powder coated carbon, stainless, or galvanized steel.

WHAT THE INDUSTRY IS BUILT AROUND

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| Unit | A    | B    | C    | D    | E    | F    | G   | H   | I    | J    | K    | L    | M   | N   | O    | P    | Q   | R   | S    | T    | U    | V    | W   | X    |
|------|------|------|------|------|------|------|-----|-----|------|------|------|------|-----|-----|------|------|-----|-----|------|------|------|------|-----|------|
| in   | 50.3 | 43.8 | 13.3 | 14.6 | 11.2 | 23.9 | 8.6 | 39  | 48   | 33.2 | 13.3 | 31.5 | 27  | 34  | 32.2 | 28.5 | 24  | 23  | 14.6 | 20.5 | 12.1 | 18.5 | 16  | 12.1 |
| mm   | 1278 | 1113 | 337  | 371  | 283  | 608  | 218 | 991 | 1219 | 844  | 339  | 800  | 686 | 863 | 818  | 724  | 610 | 584 | 371  | 521  | 308  | 470  | 406 | 308  |



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.