



# P1000

**SPECIALLY DESIGNED TO  
PREVENT SPLITS, CRACKS,  
AND SCARS THAT LOWER  
PRODUCT VALUE**

## BUCKET ELEVATORS

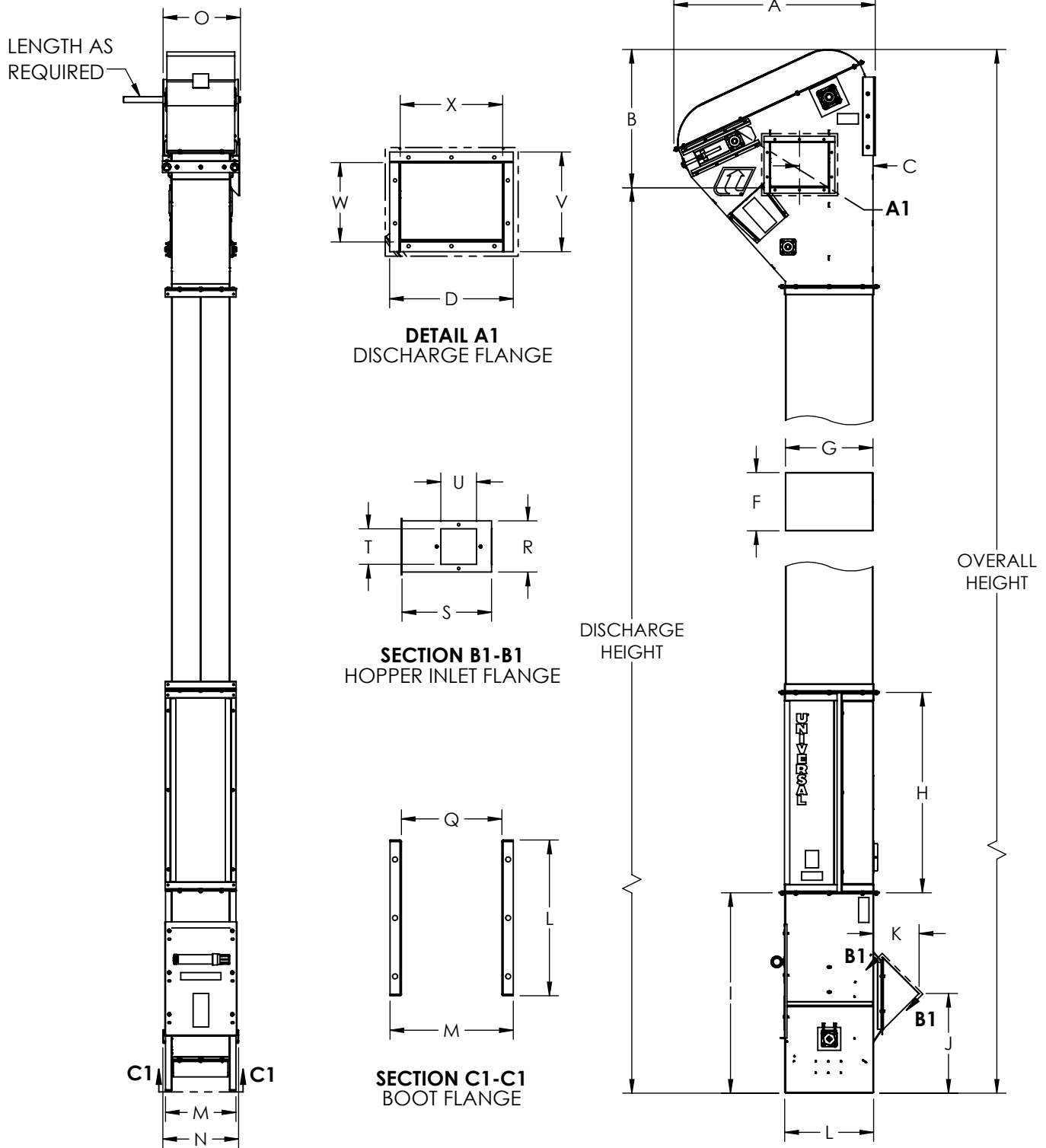
*up to 1,023 ft<sup>3</sup>/h  
(29 m<sup>3</sup>/h)  
819 BPH*



### SPECIFICATIONS

| Model   | P1000-60  | P1000-90  |
|---|---|---|
| Capacity - Free Flowing Material @ 110% Waterline Bucket Fill | 543 BPH<br>678 ft <sup>3</sup> /hr<br>19.2 m <sup>3</sup> /hr | 819 BPH<br>1,023 ft <sup>3</sup> /hr<br>29 m <sup>3</sup> /hr |
| Short TPH @ 50 lbs/Ft. <sup>3</sup>                           | 17  | 25.6  |
| MTPH @ 50 lbs/Ft. <sup>3</sup>                                | 15  | 23  |
| Short TPH @ 75 lbs/Ft. <sup>3</sup>                           | 25.5  | 38.4  |
| MTPH @ 75 lbs/Ft. <sup>3</sup>                                | 23  | 34  |
| Chain Speed FPM   | 60 (0.3m/s)   | 90 (0.46m/s)  |
| Head Shaft RPM  | 23.6  | 35.6  |
| Bucket Spacing  | 6" (152.4mm) Center to Center Spacing                         |   |
| Head Casing   | 11 Ga.  |   |
| Head Shaft Bearings   | Sealed Four Bolt Flange Ball Bearing                          |   |
| Sprockets   | 60B41   |   |
| Buckets   | 8" X 6" (203.2mm X 152.4mm) HDPE                              |   |
| Chain   | C2060H  |   |
| Legging   | 14 Ga. Seam Welded Single Leg                                 |   |
| Boot Casing   | 11 Ga.  |   |
| Boot Shaft Bearings   | Sealed Four Bolt Flange Ball Bearing                          |   |
| Construction  | Powder Coated Carbon, Galvanized, or Stainless Steel          |   |
| Drive Package   | Optional  |   |
| Motor   | Optional  |   |
| *Units in Parenthesis are Metric (mm)                         |   |   |

# Model P1000



| Unit | A                | B   | C                | D   | F   | G   | H    | I    | J   | K   | L                | M   | N                | O                | Q                | R   | S                | T   | U   | V                | W   | X   |
|------|------------------|-----|------------------|-----|-----|-----|------|------|-----|-----|------------------|-----|------------------|------------------|------------------|-----|------------------|-----|-----|------------------|-----|-----|
| in   | 48 $\frac{1}{4}$ | 33  | 17 $\frac{3}{4}$ | 19  | 14  | 21  | 48   | 48   | 24  | 11  | 21 $\frac{1}{4}$ | 17  | 18 $\frac{1}{4}$ | 18 $\frac{1}{2}$ | 13 $\frac{3}{4}$ | 7   | 12 $\frac{1}{4}$ | 5   | 5   | 13 $\frac{3}{4}$ | 11  | 14  |
| mm   | 1224             | 841 | 448              | 481 | 354 | 532 | 1219 | 1219 | 606 | 279 | 541              | 429 | 460              | 470              | 349              | 178 | 311              | 124 | 124 | 347              | 276 | 356 |

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.