

### SUPER-EDGE FLIGHTING

All RAD Utility augers and U-trough Screw conveyors offer Super-Edge Flighting that provides a 30% - 50% increase in thickness at the flights outer edge Exactly the location where augers sustain the greatest wear. The precise thickness gain depends upon the flighting dimensions. Apart from wear resistance, Super-Edge Flighting retains all the other performance features of Conventional Flighting.

### COMPLETE LINE OF ACCESSORIES

All RAD Utility augers offer Complete auger drive kit, Belt or Reducer Drives, Various hoppers size available, Heavy-Duty outlets, Incline joint up to 15-degree, slide gates, Intermediate inlets and Several options to suit your needs.

### H.D. CONSTRUCTION & FLEXIBLE APPLICATIONS

All RAD Utility augers offer Complete Heavy-duty helical auger, Corrosion-resistant galvanized steel tube, Factory balanced auger, Bolted coupler shafts to facilitate extension attachments, Length extenders BY 5' increment, Hard wearing durable construction.



### DRIVE KIT

- Complete auger drive kit
- Belt drive or direct drive
- Single, double, and tripple pulleys available
- Many accessories to facilitate adjusting



### STANDARD FEATURES:

- Heavy-duty helical auger
- Corrosion-resistant galvanized steel tube
- Auger balanced in factory
- Pre-assembled for easy installation
- Solid and durable construction for intensive use
- Diameters: 3.5" to 12"
- Standard or Duramas (HD) auger available
- Bolted coupler shaft to easily attach extensions
- Lengths available: 5', 10', 15', and 20'
- Sturdy and greasable bearing
- Many accessories available
- Possibility to extend the length with augers extension

### RECEIVING HOPPER

- Various hopper sizes available
- Upper flanged-bearing kit
- Pre-drilled cover available
- Many accessories to facilitate adjusting



### OUTLET SPOUT

- Made of galvanized steel
- Available in three angles: 30, 60, and ninety degrees
- Sold with galvanized steel attachment sleeves
- Optional microswitch available





### HIGH PERFORMANCE HELICAL FLIGHT

Many diameters available to match your project



### DURAMAX

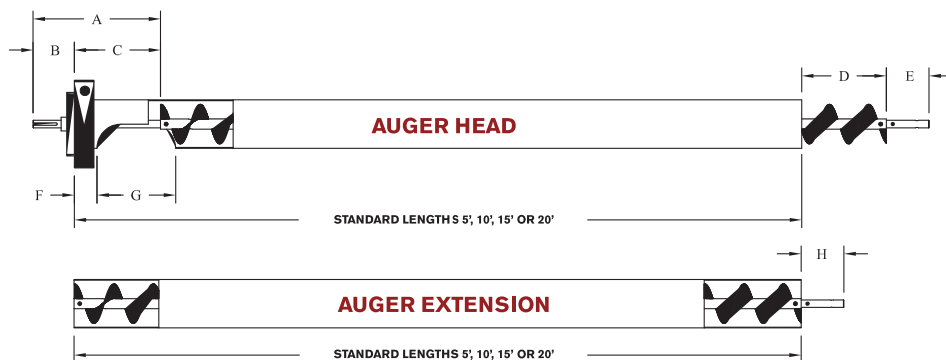
Industrial flight 30% longer lasting

### RAD UTILITY AUGER ACCESSORIES

RAD offers a wide variety of auger accessories.

Other accessories available:

- Tube sleeves
- Flexible Tubes
- Multi-directional discharge spouts
- Slide gates
- Flow restrictions
- Level rotary switches
- 0 and 45 degrees extensions
- Shielded auger intake



**DIMENSIONS:**

|        | A        | B       | C   | D   | E        | F      | G      | H        |
|--------|----------|---------|-----|-----|----------|--------|--------|----------|
| 3-1/2" | 10-1/2"  | 3-1/2"  | 7"  | 7"  | 3-1/2"   | 1-3/4" | 6-1/2" | 3-1/2"   |
| 4"     | 10-1/2"  | 3-1/2"  | 7"  | 7"  | 3-1/2"   | 1-3/4" | 6-1/2" | 3-1/2"   |
| 6"     | 14-1/8"  | 3-1/8"  | 11" | 11" | 3-1/2"   | 3"     | 11"    | 3-1/2"   |
| 8"     | 14-1/2"  | 3-1/2"  | 11" | 11" | 4-5/16"  | 3"     | 12"    | 4-5/16"  |
| 10"    | 20"      | 5"      | 15" | 15" | 4-1/2"   | 2-1/2" | 15"    | 4-1/2"   |
| 12"    | 22-9/16" | 5-9/16" | 17" | 17" | 4-13/16" | 3"     | 16"    | 4-13/16" |

**SPECIFICATIONS:**

| DIM    | GALVANIZED STEEL ELECTRIC WELDED TUBE | CARBON STEEL FLIGHT    | CENTRAL SHAFT DIAMETER         | EXTERNAL SHAFT TUBE DIMENSIONS                                |
|--------|---------------------------------------|------------------------|--------------------------------|---|
| 3-1/2" | 16 ga Std                             | 10 ga Std              | 3" NO AUGER<br>7/8" D.I.       | 5/8"<br>0.840" D.E.<br>0.622" D.I.                            |
| 4"     | 16 ga Std<br>12 ga Dura               | 10 ga Std<br>7 ga Dura | 3-1/4" NO AUGER<br>7/8" D.I.   | 5/8"<br>0.840" D.E.<br>0.622" D.I.                            |
| 6"     | 16 ga Std<br>12 ga Dura               | 10 ga Std<br>7 ga Dura | 5-1/4" NO AUGER<br>1-1/4" D.I. | 1"<br>1.250" D.E.<br>1.000" D.I.                              |
| 8"     | 14 ga Std<br>12 ga Dura               | 10 ga Std<br>1/4" Dura | 7" NO AUGER<br>1-1/2" D.I.     | 1-1/4"<br>1.500" D.E.<br>1.250" D.I.                          |
| 10"    | 14 ga Std<br>12 ga Dura               | 7 ga Std<br>3/8" Dura  | 9" NO AUGER<br>2-3/8" D.I.     | 1-1/2"<br>0.840" D.E. 0.622" D.I.<br>HUB: 2" D.E. 1-1/2" D.I. |
| 12"    | 12 ga Std<br>12 ga Dura               | 1/4" Std<br>3/8" Dura  | 11" NO AUGER<br>2-7/8" D.I.    | 2"<br>2.875" D.E. 2.500" D.I.<br>HUB: 2-1/2" D.E. 2" D.I.     |

**CAPACITY BUSHEL / HOUR:**

| AUGER INCLINE    | 3.5"              | 4"                | 6"                 | 8"                 | 10"                | 12"                |
|------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| HORIZONTAL<br>0° | 140 b/h @ 385 rpm | 200 b/h @ 365 rpm | 834 b/h @ 365 rpm  | 2400 b/h @ 438 rpm | 3000 b/h @ 325 rpm | 5000 b/h @ 325 rpm |
|                  | 175 b/h @ 438 rpm | 250 b/h @ 438 rpm | 1000 b/h @ 438 rpm | 1800 b/h @ 365 rpm | 4000 b/h @ 438 rpm | 5500 b/h @ 360 rpm |
|                  | 205 b/h @ 547 rpm | 290 b/h @ 547 rpm | 1350 b/h @ 656 rpm |                    |                    |                    |
|                  | 220 b/h @ 656 rpm | 315 b/h @ 656 rpm |                    |                    |                    |                    |
| INCLINED<br>45°  | 90 b/h @ 365 rpm  | 130 b/h @ 365 rpm | 650 b/h @ 365 rpm  | 1800 b/h @ 438 rpm | 2250 b/h @ 325 rpm | 3800 b/h @ 325 rpm |
|                  | 110 b/h @ 438 rpm | 160 b/h @ 438 rpm | 775 b/h @ 438 rpm  | 1300 b/h @ 365 rpm | 3000 b/h @ 438 rpm | 4200 b/h @ 360 rpm |
|                  | 130 b/h @ 547 rpm | 190 b/h @ 547 rpm | 1000 b/h @ 656 rpm |                    |                    |                    |
|                  | 145 b/h @ 656 rpm | 205 b/h @ 656 rpm |                    |                    |                    |                    |
| VERTICAL<br>90°  | 50 b/h @ 365 rpm  | 75 b/h @ 365 rpm  | 400 b/h @ 365 rpm  | 1200 b/h @ 438 rpm | 1250 b/h @ 325 rpm | 2500 b/h @ 325 rpm |
|                  | 90 b/h @ 438 rpm  | 90 b/h @ 438 rpm  | 500 b/h @ 438 rpm  | 900 b/h @ 365 rpm  | 1600 b/h @ 438 rpm | 2750 b/h @ 360 rpm |
|                  | 80 b/h @ 547 rpm  | 110 b/h @ 547 rpm | 650 b/h @ 656 rpm  |                    |                    |                    |
|                  | 100 b/h @ 656 rpm | 140 b/h @ 656 rpm |                    |                    |                    |                    |