

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.

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



DRIVE KIT

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



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

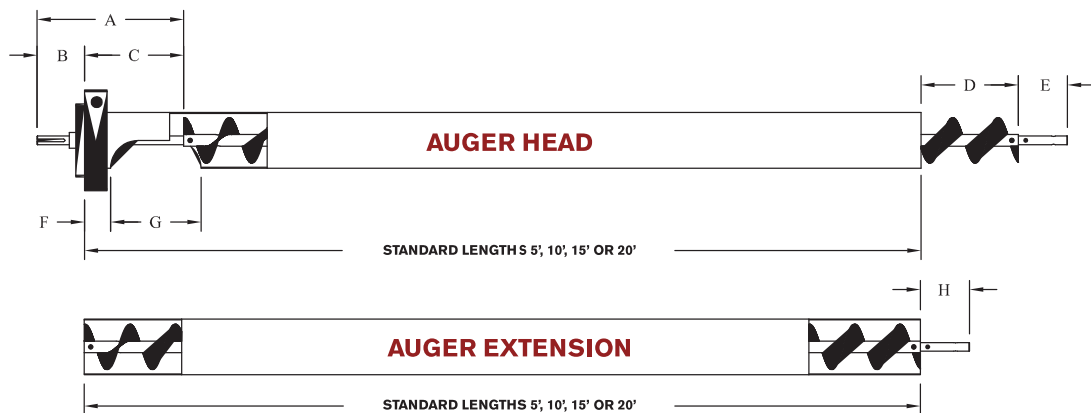
Industrial flight 30% longer lasting

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 7/8" D.I.	5/8" 0.840" D.E. 0.622" D.I.
4"	16 ga Std 12 ga Dura	10 ga Std 7 ga Dura	3-1/4" NO AUGER 7/8" D.I.	5/8" 0.840" D.E. 0.622" D.I.
6"	16 ga Std 12 ga Dura	10 ga Std 7 ga Dura	5-1/4" NO AUGER 1-1/4" D.I.	1" 1.250" D.E. 1.000" D.I.
8"	14 ga Std 12 ga Dura	10 ga Std 1/4" Dura	7" NO AUGER 1-1/2" D.I.	1-1/4" 1.500" D.E. 1.250" D.I.
10"	14 ga Std 12 ga Dura	7 ga Std 3/8" Dura	9" NO AUGER 2-3/8" D.I.	1-1/2" 0.840" D.E. 0.622" D.I. HUB: 2" D.E. 1-1/2" D.I.
12"	12 ga Std 12 ga Dura	1/4" Std 3/8" Dura	11" NO AUGER 2-7/8" D.I.	2" 2.875" D.E. 2.500" D.I. HUB: 2-1/2" D.E. 2" D.I.

CAPACITY BUSHEL / HOUR:

AUGER INCLINE	3.5"	4"	6"	8"	10"	12"
HORIZONTAL 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 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 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				