

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.

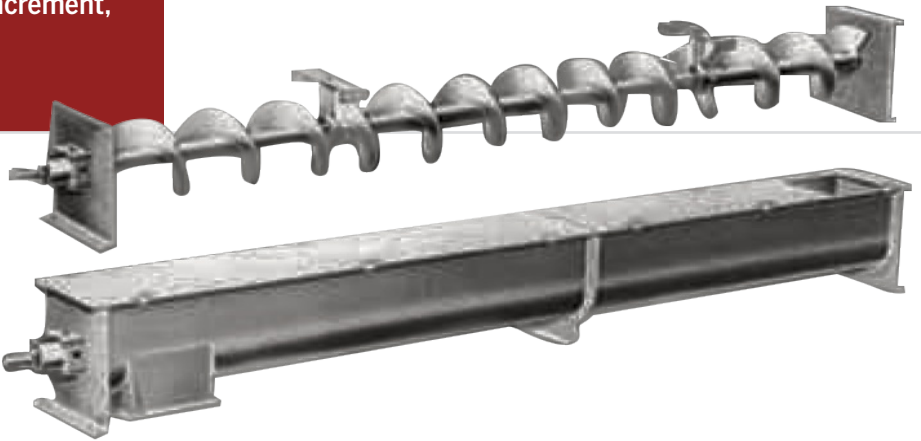
COMPLETE LINE OF ACCESSORIES

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

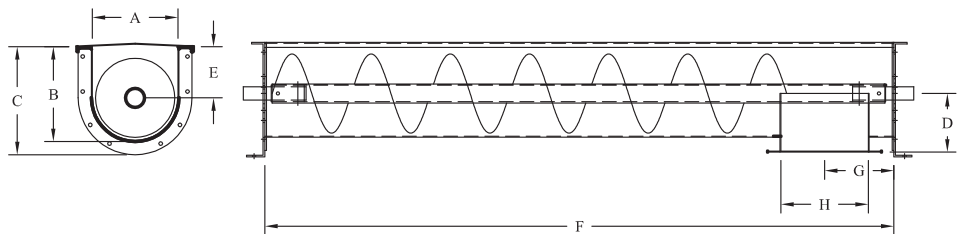
All RAD Utility auger offer complete heavy-duty helical auger, corrosion-resistant galvanized steel tube, factory balanced auger, bolted coupler shafts to facilitate extension attachments, length extenders by 5' increment, hard wearing durable construction.

RAD U-Through Screw Conveyor



STANDARD FEATURES:

- Solid and durable construction for intensive use
- Heavy-duty helical auger
- Elevate up to 15 degrees with the incline joint
- Galvanized steel u-trough and cover
- Capacity: 110 to 7000 bushels per hour
- Conveyor diameters: 4" to 16"
- Auger balanced in factory
- Standard or Duramax (HD) auger available
- Regular and half pitch augers available
- Bearing in UHMW polyethylene or wood
- Many accessories available (receiving pit, rack and pinion discharge, shroud cover)



DIMENSIONS:

DIAMETER	A	B	C	D	E	F	G	H
4"	5"	6-3/16"	7-1/2"	4"	3-5/8"	5'-10'	4-3/4"	5"
6"	7"	8-1/16"	9-3/8"	5-1/2"	4-1/2"	5'-10'	5-3/4"	7"
9"	10"	11-1/4"	12-3/4"	6-3/4"	6-1/8"	5'-10'	7-1/4"	10"
12"	13"	14-3/8"	16-3/8"	8-1/4"	7-3/4"	6'-12'	9-1/2"	13"
14"	15"	16-7/8"	18-7/8"	9-1/4"	9-1/4"	6'-12'	10-1/2"	15"
16"	17"	19-1/4"	21-1/4"	10-1/4"	10-5/8"	6'-12'	11-1/2"	17"

SPECIFICATIONS:

	4"	6"	9"	12"	14"	16"
Flight thickness	1/8"	1/8"	3/16"	1/4"	1/4"	5/16"
Pipe O.D dia.	1.660"	2.375"	2.375"	2.875"	3.500"	4.000"
Dia. arbre	1"	1-1/2"	1-1/2"	2"	2-7/16"	3"
Trough	16 ga	14 ga	14 ga	12 ga	12 ga	12 ga
Cover	16 ga	16 ga	16 ga	14 ga	14 ga	14 ga

CAPACITY BUSHELS / HOUR:

	BPH	FT ³ / HR	T / H
4" @ 170 RPM	112	140	2.9
6" @ 62 RPM	150	188	3.8
@ 124 RPM	300	375	7.6
9" @ 67 RPM	580	725	14.8
@ 100 RPM	880	1100	22.4
@ 133 RPM	1160	1450	29.5
@ 165 RPM	1440	1800	36.7
12" @ 112 RPM	2360	2950	60.1
@ 140 RPM	2960	3700	75.3
@ 163 RPM	3440	4300	87.6
14" @ 117 RPM	3960	4950	100.8
@ 147 RPM	4960	6200	126.3
16" @ 120 RPM	5960	7450	151.7
@ 140 RPM	6960	8700	177.2

The capacities shown are for conveyors with a maximum incline of 15° transporting free-flowing dry material at 45 lb./cu. ft. or 56 lb./bu.

Capacities may vary based on the conveyors degree of inclination and the material being transported.

All conveyors are made of galvanized steel or painted steel.

Other gauges available.

