



THE STRENGTH OF A TEAM

U-TROUGH SCREW CONVEYOR

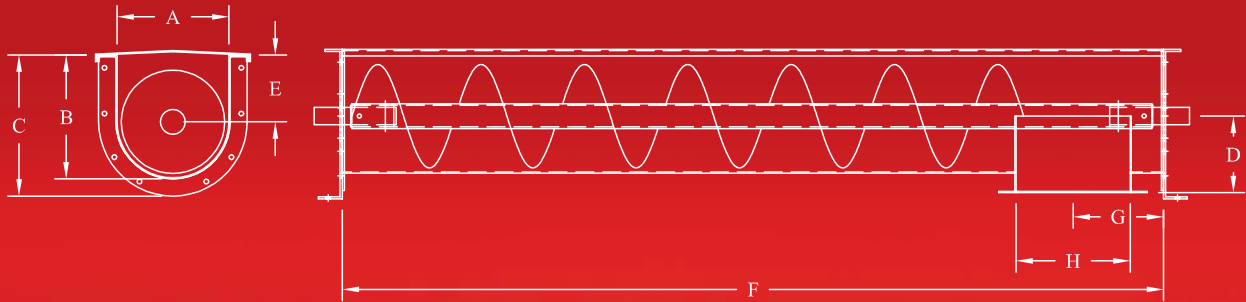
- Solid and durable construction for intensive use
- Heavy-duty helical auger
- Elevate up to 15 degrees with the incline joint
- Galvanized steel u-trough and cover
- Capacity: 110 to 7000 bushels/hour
- Conveyor diameters: 4" to 16"
- Auger balanced in factory
- Standard or Duramax (HD) auger available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



5490 MARTINEAU STREET SAINT-HYACINTHE
450 796-2626

www.radeq.ca

U-TROUGH SCREW CONVEYOR



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 1/4"	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 1/2"	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 1/2"	10 5/8"	6'-12'	11 1/2"	17"

Dimensions and specifications are subject to change without notice.

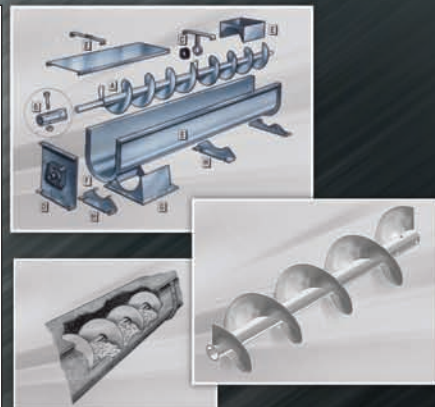
SPECIFICATIONS *

	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

*Other specifications available on request.

CAPACITIES

	BHP	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 conveyor's degree of inclination and the material being transported. All conveyors are made of galvanized steel or painted steel. • Other gauges available.

Our team of specialists will be happy to help you on your grain handling projects.

Distributor



5490 Martineau Street Saint-Hyacinthe
450 796-2626 • www.radeq.ca