



# 80 Standard Series Spec Sheet

## Standard 80 SERIES GRAIN DRYERS Capacities from 450 to 1,700 bushels/hour

	<b>MODELS</b>	<b>680</b>	<b>980</b>	<b>985</b>	<b>1080</b>	<b>1180</b>
<b>Dimensions</b>						
Length		24'	32'	35'	35'	35'
Height		17'-6"	17'-6"	22'-6"	25'-6"	33'-6"
Width		7'-5"	7'-5"	7'-5"	7'-5"	7'-5"
Width, including Platforms				8'-5"	8'-5"	8'-5"
Grain Column Width		12"	12"	12"	12"	12"
Grain Column Length		16'	24'	24'	24'	24'
<b>Weight, empty (lbs.)</b>						
		10,500	13,000	18,900	20,800	27,800
<b>Motor Sizes (H.P.)</b>						
Heat Fan(s)		20	30	(2) 20	(1) 30 & (1) 20	(2) 30 & (1) 20
Cool or Heat Fan		7.5	10	15	15	20
Level Auger		3	5	5	5	5
Discharge Auger		1.5	2	2	2	3
<b>Total Running Amps</b>						
208 Volts - 3 phase		116	155	190	223	316
230 Volts - 3 phase		106	140	176	204	288
460 Volts - 3 phase		54	71	88	102	144
575 Volts - 3 phase		43	57	70	82	115
<b>Burner Capacities (BTUs)</b>						
Normal Operating, Dry & Cool		3,880,250	4,773,175	7,760,500	8,653,425	13,426,600
Normal Operating, All Heat		5,890,500	6,783,425	10,892,750	11,785,675	17,306,850
Maximum		8,163,870	9,158,490	15,083,860	16,078,480	23,711,160
<b>Drying Capacities (bushels/hour) *</b>						
Shelled Corn (Dry & Cool) 20%-15%		450	670	1,070	1,200	1,700
Shelled Corn (Dry & Cool) 25%-15%		300	450	700	800	1,100
Shelled Corn (All Heat) 20%-15% **		725	1,080	1,725	1,960	2,350
Shelled Corn (All Heat) 22%-15% **		650	985	1,390	1,580	1,900
Shelled Corn (All Heat) 25%-15% **		550	810	1,150	1,300	1,600
Wheat (Dry & Cool) 17%-12%		440	650	1,040	1,175	1,775
Grain Soghum (Dry & Cool) 20%-15%		400	585	940	1,000	1,350
<b>Total Holding Capacities (bushels)</b>						
		475	712	903	1,018	1,324

\*Actual drying rate will vary depending upon weather conditions, hybrid variety, fertilization program, grain maturity, operating temperatures, discharge grain temperatures and other uncontrolled variables. Specifications subject to change without notice. \*\* Grain discharged hot from the dryer at 17.5% moisture should result in a final moisture content of 15% after cooling (dryeration).