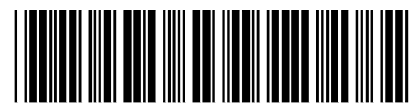
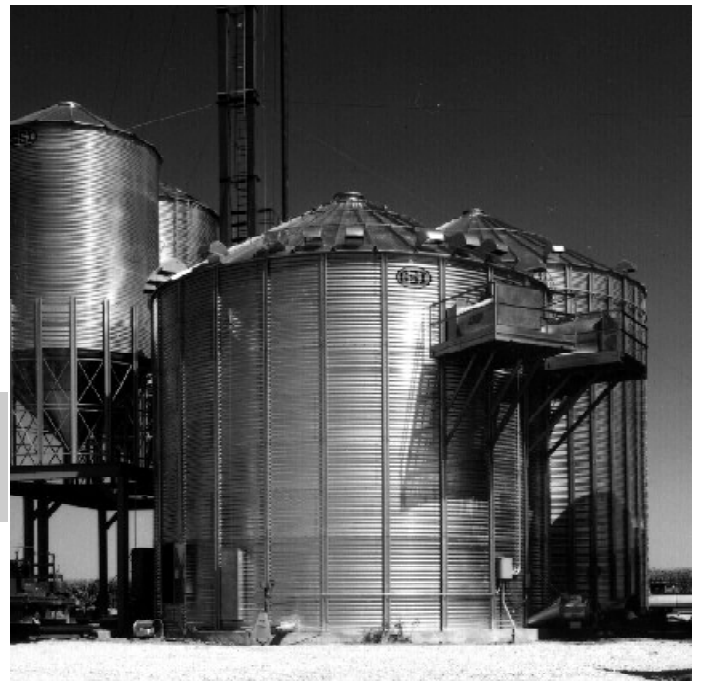


2004 GSI Top Dry Grain Drying Systems Price Catalog

PNEG-733
21', 24', 30', 36'
Manual Batch & Autoflow



PNEG-733

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Specifications and Drying Rates

U.S. Measurements

Bin Diameter	Batch	Autoflow		Rings	Eave Height	Peak Height	Batch	Autoflow
	Batch Size (BU)	Grain in Process (BU)	Dump Size (BU)				Maximum Storage (BU)	Maximum Storage (BU)
21'	730	410	137	5	18'-5"	24'-2"	3,651	3,331
				6	22'-1"	27'-10"	4,711	4,391
				7	25'-9"	31'-6"	5,771	5,451
				8	29'-5"	35'-2"	6,831	6,511
24'	1,000	560	187	5	18'-5"	25'-0"	4,813	4,373
				6	22'-1"	28'-8"	6,198	5,758
				7	25'-9"	32'-4"	7,583	7,143
				8	29'-5"	36'-0"	8,968	8,528
				9	33'-1"	39'-8"	10,353	9,913
				10	36'-9"	43'-4"	11,738	11,298
30'	1,500	845	282	5	18'-5"	26'-9"	7,459	6,804
				6	22'-1"	30'-5"	9,623	8,968
				7	25'-9"	34'-1"	11,787	11,132
				8	29'-5"	37'-9"	13,951	13,296
				9	33'-1"	41'-5"	16,115	15,460
				10	36'-9"	45'-1"	18,279	17,624
				11	40'-5"	48'-9"	20,443	19,788
36'	2,160	1,215	405	6	22'-1"	32'-6"	13,859	12,914
				7	25'-9"	36'-2"	16,974	16,029
				8	29'-5"	39'-10"	20,089	19,144
				9	33'-1"	43'-6"	23,204	22,259
				10	36'-9"	47'-2"	26,319	25,374
				11	40'-5"	50'-10"	29,434	28,489

Maximum storage estimated with 12" aeration floor, level to bottom of fan entrance, with upper batch filled.

Metric Measurements (Shelled Corn)

Bin Diameter	Batch	Autoflow		Rings	Eave Height	Peak Height	Batch	Autoflow
	Batch Size (MT)	Grain in Process (MT)	Dump Size (MT)				Maximum Storage (MT)	Maximum Storage (MT)
6.40 m 21'	18.54	10.41	3.48	5	5.61 m	7.37 m	92.74	84.61
				6	6.73 m	8.48 m	119.66	111.53
				7	7.85 m	9.60 m	146.58	138.46
				8	8.97 m	10.72 m	173.51	165.38
7.32 m 24'	25.4	14.22	4.75	5	5.61 m	7.62 m	122.25	111.07
				6	6.73 m	8.74 m	157.43	146.25
				7	7.85 m	9.86 m	192.61	181.43
				8	8.97 m	10.97 m	227.79	216.61
				9	10.08 m	12.09 m	262.97	251.79
9.14 m 30'	38.1	21.46	7.16	10	11.20 m	13.21 m	298.15	286.97
				5	5.61 m	8.15 m	189.46	172.82
				6	6.73 m	9.27 m	244.42	227.79
				7	7.85 m	10.39 m	299.39	282.75
				8	8.97 m	11.51 m	354.36	337.72
				9	10.08 m	12.62 m	409.32	392.68
10.97 m 36'	54.86	30.86	10.29	10	11.20 m	13.74 m	464.28	447.65
				11	12.32 m	14.86 m	519.25	502.61
				6	6.73 m	9.91 m	352.02	328.02
				7	7.85 m	11.02 m	431.14	407.14
				8	8.97 m	12.14 m	510.26	486.26
				9	10.08 m	13.26 m	589.38	565.38
				10	11.20 m	14.38 m	668.5	644.5
				11	12.32 m	15.49 m	747.63	723.62

Maximum storage estimated with 12" aeration floor, level to bottom of fan entrance, with upper batch filled.

Shelled Corn

(U.S. Measurements)

BATCH SERIES			21' Dia.		1-Fan		24' Dia.		1-Fan		30' Dia.		1-Fan	
FAN & HEATER Unit(s)	Plenum Temperature F°	Moisture Content Wet Basis	Batch Time		Batch Time		Batch Time		Batch Time		Batch Time		Batch Time	
			Bu / hr	Hours	Bu / hr	Hours	Bu / hr	Hours	Bu / hr	Hours	Bu / hr	Hours	Bu / hr	Hours
15 H.P. 36" FAN 3.5 Million BTU	140	20%	357	2.1	398	2.5	461	3.3						
		25%	226	3.3	252	3.8	292	5.1						
		30%	141	5.2	157	6.1	182	8.2						
	160	20%	426	1.8	474	2.0	550	2.8						
		25%	270	2.7	300	3.2	348	4.4						
		30%	168	4.4	187	5.2	218	6.8						
	180	20%	545	1.4	607	1.6	* 677	* 2.4						
		25%	345	2.1	384	2.6	* 429	* 3.7						
		30%	215	3.4	240	4.0	* 268	* 6.0						
15 H.P. 40" FAN 6.25 Million BTU	140	20%			486	2.0	562	2.7						
		25%			308	3.1	356	4.2						
		30%			192	4.9	222	6.7						
	160	20%			580	1.6	670	2.2						
		25%			367	2.6	425	3.5						
		30%			230	4.2	265	5.6						
	180	20%			742	1.3	858	1.8						
		25%			470	2.0	543	2.7						
		30%			294	3.3	339	4.4						
30 H.P. 42" FAN 10.25 Million BTU	140	20%					638	2.4						
		25%					405	3.6						
		30%					253	5.9						
	160	20%					762	2.0						
		25%					482	3.1						
		30%					302	4.9						
	180	20%					975	1.5						
		25%					618	2.4						
		30%					386	3.9						
40 H.P. 42" FAN 10.25 Million BTU	140	20%					726	2.1						
		25%					460	3.3						
		30%					287	5.2						
	160	20%					867	1.8						
		25%					549	2.7						
		30%					343	4.4						
	180	20%					1,110	1.4						
		25%					702	2.1						
		30%					439	3.4						

Insufficient burner BTUs for 45 deg. ambient temp.
Ratings exclude loading time.

Est. at ambient temp 45 deg. F, rel.humidity 65%.
Use only as a guide, conditions will vary capacities.

1/4 CFM/bu
cooling rate.

Shelled Corn (U.S. Measurements)

BATCH SERIES			30' Dia. 2- Fan		36' Dia. 1-Fan		36' Dia. 2-Fan	
FAN & HEATER Unit(s)	Plenum Temperature F°	Moisture Content Wet Basis	Batch Time		Batch Time		Batch Time	
			Bu / hr	Hours	Bu / hr	Hours	Bu / hr	Hours
15 H.P. 36" FAN	140	20%	728	1.9	521	4.1	841	2.6
		25%	461	3.3	330	6.5	533	4.0
		30%	288	5.2	206	10.4	333	6.5
	160	20%	869	1.8	622	3.4	1,004	2.1
		25%	550	2.7	394	5.4	636	3.4
		30%	344	4.4	246	8.7	397	5.4
	180	20%	1,112	1.4	* 694	* 3.4	1,284	1.6
		25%	704	2.1	* 440	* 5.2	814	2.7
		30%	440	3.4	* 274	* 8.3	508	4.2
15 H.P. 40" FAN	140	20%			650	3.3	1,022	2.1
		25%			411	5.2	647	3.3
		30%			257	8.4	404	5.3
	160	20%			775	2.8	1,219	1.8
		25%			491	4.4	772	2.8
		30%			306	7.1	482	4.5
	180	20%			* 890	* 2.6	1,560	1.4
		25%			* 564	* 4.1	988	2.2
		30%			* 352	* 6.5	617	3.5
30 H.P. 42" FAN	140	20%			717	2.9	1,142	1.9
		25%			454	4.7	723	2.9
		30%			284	7.5	452	4.7
	160	20%			856	2.5	1,363	1.5
		25%			542	4.0	863	2.5
		30%			338	6.4	539	4.0
	180	20%			1,095	2.0	1,744	1.3
		25%			694	3.1	1,105	2.0
		30%			433	4.9	690	3.2
40 H.P. 42" FAN	140	20%			810	2.7		
		25%			513	4.2		
		30%			320	6.7		
	160	20%			966	2.2		
		25%			612	3.5		
		30%			382	5.6		
	180	20%			1,236	1.8		
		25%			783	2.7		
		30%			489	4.4		

Insufficient burner BTUs for 45 deg. ambient temp.
Ratings exclude loading time.

Est. at ambient temp 45 deg. F, rel.humidity 65%.
Use only as a guide, conditions will vary capacities.

1/4 CFM/bu
cooling rate.

Shelled Corn (U.S. Measurements)

AUTOFLOW SERIES			21' Dia. 1-Fan		24' Dia. 1-Fan		30' Dia. 1-Fan	
FAN & HEATER Unit(s)	Plenum Temperature F°	Moisture Content Wet Basis	Minutes Between		Minutes Between		Minutes Between	
			Bu / hr	Dumps	Bu / hr	Dumps	Bu / hr	Dumps
15 H.P. 36" FAN 3.5 Million BTU	160	20%	499	17.4	528	21.6	557	31.9
		25%	316	27.6	334	34.1	353	50.4
		30%	197	44.2	209	54.6	220	80.8
	180	20%	639	13.6	* 675	* 16.8	* 713	* 24.9
		25%	404	21.5	* 428	* 26.6	* 451	* 39.4
		30%	253	34.5	* 267	* 42.6	* 282	* 63.1
	200	20%	* 748	* 11.6	* 791	* 14.4	* 835	* 21.3
		25%	* 474	* 18.4	* 501	* 22.7	* 529	* 33.6
		30%	* 296	* 29.5	* 313	* 36.4	* 330	* 53.9
15 H.P. 40" FAN 6.25 Million BTU	160	20%	584	14.9	648	17.5	711	25.0
		25%	370	23.5	411	27.7	450	39.5
		30%	231	37.7	256	44.4	281	63.3
	180	20%	748	11.6	* 830	* 13.7	* 909	* 19.5
		25%	473	18.4	* 525	* 21.6	* 576	* 30.9
		30%	296	29.5	* 328	* 34.7	* 360	* 49.5
	200	20%	* 875	* 9.9	* 971	* 11.7	* 1,065	* 16.7
		25%	* 554	* 15.7	* 615	* 18.5	* 674	* 26.4
		30%	* 346	* 25.2	* 384	* 29.6	* 421	* 42.2
30 H.P. 42" FAN 10.25 Million BTU	160	20%			740	15.4	806	22.0
		25%			469	24.3	511	34.8
		30%			293	38.9	319	55.8
	180	20%			947	12.0	1,032	17.2
		25%			600	19.0	653	27.2
		30%			375	30.4	408	43.6
	200	20%			1,109	10.2	1,208	14.7
		25%			702	16.2	765	23.2
		30%			439	25.9	478	37.2
40 H.P. 42" FAN 10.25 Million BTU	160	20%					920	19.3
		25%					583	30.5
		30%					364	48.9
	180	20%					1,178	15.1
		25%					746	23.8
		30%					466	38.2
	200	20%					1,379	12.9
		25%					873	20.3
		30%					545	32.6

Insufficient burner BTUs for 45 deg. ambient temp.
Ratings exclude loading time.

Est. at ambient temp 45 deg. F, rel.humidity 65%.
Use only as a guide, conditions will vary capacities.

1/4 CFM/bu
cooling rate.

Shelled Corn (U.S. Measurements)

AUTOFLOW SERIES			30' Dia. 2-Fan		36' Dia. 1-Fan		36' Dia. 2-Fan	
FAN & HEATER Unit(s)	Plenum Temperature F°	Moisture Content Wet Basis	Minutes Between		Minutes Between		Minutes Between	
			Bu / hr	Dumps	Bu / hr	Dumps	Bu / hr	Dumps
15 H.P. 36" FAN 3.5 Million BTU	160	20%	939	18.9			993	25.8
		25%	595	29.9			629	40.7
		30%	371	47.9			393	65.2
	180	20%	1,202	14.8			1,271	20.1
		25%	761	23.4			805	31.8
		30%	475	37.4			503	51.0
	200	20%	* 1,407	* 12.6			* 1,488	* 17.2
		25%	* 891	* 19.9			* 943	* 27.2
		30%	* 557	* 32.0			* 589	* 43.5
15 H.P. 40" FAN 6.25 Million BTU	160	20%	1,154	15.4			1,269	20.2
		25%	731	24.3			803	31.9
		30%	457	39.0			502	51.1
	180	20%	1,477	12.0			1,623	15.8
		25%	936	19.0			1,028	24.9
		30%	584	30.4			642	39.9
	200	20%	* 1,730	* 10.2			* 1,901	* 13.4
		25%	* 1,096	* 16.2			* 1,204	* 21.3
		30%	* 684	* 26			* 752	* 34.1
30 H.P. 42" FAN 10.25 Million BTU	160	20%			819	31.3	1,452	17.6
		25%			519	49.4	920	27.8
		30%			324	79.1	574	44.6
	180	20%			1,048	24.4	1,858	13.8
		25%			664	38.6	1,177	21.7
		30%			415	61.8	735	34.8
	200	20%			1,227	20.8	2,176	11.7
		25%			777	32.9	1,378	18.6
		30%			486	52.8	861	29.8
40 H.P. 42" FAN 10.25 Million BTU	160	20%			950	26.9		
		25%			602	42.6		
		30%			376	68.2		
	180	20%			1,216	21.0		
		25%			770	33.3		
		30%			481	53.3		
	200	20%			1,424	18.0		
		25%			902	28.4		
		30%			563	45.5		

Insufficient burner BTUs for 45 deg. ambient temp.
Ratings exclude loading time.

Est. at ambient temp 45 deg. F, rel.humidity 65%.
Use only as a guide, conditions will vary capacities.

1/4 CFM/bu
cooling rate.

Shelled Corn

(Metric Measurements)

BATCH SERIES			6.40m Dia. 1-Fan		7.32m Dia. 1-Fan		9.14m Dia. 1-Fan	
FAN & HEATER Unit(s)	Plenum Temp. C°	Moisture Content Wet Basis	Batch Time		Batch Time		Batch Time	
			MT / hr	Hours	MT / hr	Hours	MT / hr	Hours
11.19 kW 91.44 cm 1.125 Million kCal	60	20%	9.1	2.1	10.1	2.5	11.7	3.3
		25%	5.7	3.3	6.4	3.8	7.4	5.1
		30%	3.6	5.2	4.0	6.1	4.6	8.2
	71	20%	10.8	1.8	12.0	2.0	14.0	2.8
		25%	6.8	2.7	7.6	3.2	8.8	4.4
		30%	4.3	4.4	4.8	5.2	5.5	6.8
	82	20%	13.8	1.4	15.4	1.6	17.2	* 2.4
		25%	8.8	2.1	9.8	2.6	10.9	* 3.7
		30%	5.5	3.4	6.1	4.0	6.8	* 6.0
11.19 kW 101.60 cm 1.5 Million kCal	60	20%			12.3	2.0	14.3	2.7
		25%			7.8	3.1	9.0	4.2
		30%			4.9	4.9	5.6	6.7
	71	20%			14.7	1.6	17.0	2.2
		25%			9.3	2.6	10.8	3.5
		30%			5.8	4.2	6.7	5.6
	82	20%			18.9	1.3	21.8	1.8
		25%			11.9	2.0	13.8	2.7
		30%			7.5	3.3	8.6	4.4
22.37 kW 106.68 cm 2.5 Million kCal	60	20%					16.2	2.4
		25%					10.3	3.6
		30%					6.4	5.9
	71	20%					19.4	2.0
		25%					12.3	3.1
		30%					7.7	4.9
	82	20%					24.8	1.5
		25%					15.7	2.4
		30%					9.8	3.9
29.83 kW 106.68 cm 2.5 Million kCal	60	20%					18.5	2.1
		25%					11.7	3.3
		30%					7.3	5.2
	71	20%					22.0	1.8
		25%					13.9	2.7
		30%					8.7	4.4
	82	20%					28.2	1.4
		25%					17.8	2.1
		30%					11.2	3.4

Insufficient burner BTUs for 7 deg. C ambient temp.
Ratings exclude loading time.

Est. at ambient temp 7 deg. C, rel.humidity 65%.
Use only as a guide, conditions will vary capacities.

1/4 CFM/bu
cooling rate.

Shelled Corn (Metric Measurements)

BATCH SERIES			9.14m Dia. 2- Fan		10.97m Dia. 1-Fan		10.97m Dia. 2-Fan	
FAN & HEATER Unit(s)	Plenum Temp. C°	Moisture Content Wet Basis	Batch Time		Batch Time		Batch Time	
			MT / hr	Hours	MT / hr	Hours	MT / hr	Hours
11.19 kW 91.44 cm 1.125 Million kCal	60	20%	18.5	1.9	13.2	4.1	21.4	2.6
		25%	11.7	3.3	8.2	6.5	13.5	4.0
		30%	7.3	5.2	5.2	10.4	8.5	6.5
	71	20%	22.1	1.8	15.8	3.4	25.5	2.1
		25%	14.0	2.7	10.0	5.4	16.2	3.4
		30%	8.7	4.4	6.2	8.7	10.1	5.4
	82	20%	28.2	1.4	17.6	* 3.4	32.6	1.6
		25%	17.9	2.1	11.2	* 5.2	20.7	2.7
		30%	11.2	3.4	7.0	* 8.3	12.9	4.2
11.19 kW 101.60 cm 1.5 Million kCal	60	20%			16.5	3.3	25.9	2.1
		25%			10.4	5.2	16.4	3.3
		30%			6.5	8.4	10.3	5.3
	71	20%			19.7	2.8	31.0	1.8
		25%			12.5	4.4	19.6	2.8
		30%			7.8	7.1	12.3	4.5
	82	20%			* 22.6	* 2.6	39.6	1.4
		25%			* 14.3	* 4.1	25.1	2.2
		30%			* 8.9	* 6.5	15.7	3.5
22.37 kW 106.68 cm 2.5 Million kCal	60	20%			18.2	2.9	29.0	1.9
		25%			11.5	4.7	18.4	2.9
		30%			7.2	7.5	11.5	4.7
	71	20%			21.7	2.5	34.6	1.5
		25%			13.8	4.0	21.9	2.5
		30%			8.6	6.4	13.7	4.0
	82	20%			27.2	2.0	44.3	1.3
		25%			17.6	3.1	28.1	2.0
		30%			11.0	4.9	17.5	3.2
29.83 kW 106.68 cm 2.5 Million kCal	60	20%			20.6	2.7		
		25%			13.0	4.2		
		30%			8.1	6.7		
	71	20%			24.5	2.2		
		25%			15.5	3.5		
		30%			9.7	5.6		
	82	20%			31.4	1.8		
		25%			19.9	2.7		
		30%			12.4	4.4		

Insufficient burner BTUs for 7 deg. C ambient temp.
Ratings exclude loading time.

Est. at ambient temp 7 deg. C, rel.humidity 65%.
Use only as a guide, conditions will vary capacities.

1/4 CFM/bu
cooling rate.

Shelled Corn (Metric Measurements)

AUTOFLOW SERIES			6.40m Dia. 1-Fan		7.32m Dia. 1-Fan		9.14m Dia. 1-Fan	
FAN & HEATER Unit(s)	Plenum Temp. C°	Moisture Content Wet Basis	Minutes Between Dumps		Minutes Between Dumps		Minutes Between Dumps	
			MT / hr		MT / hr		MT / hr	
11.19 kW 91.44 cm 1.125 Million kCal	71	20%	12.7	17.4	13.4	21.6	14.1	31.9
		25%	8.0	27.6	8.5	34.1	9.0	50.4
		30%	5.0	44.2	5.3	54.6	5.6	80.8
	82	20%	16.2	13.6	17.1	* 16.8	18.1	* 24.9
		25%	10.3	21.5	10.9	* 26.6	11.5	* 39.4
		30%	6.4	34.5	6.8	* 42.6	7.2	* 63.1
	93	20%	19.0	* 11.6	20.1	* 14.4	21.2	* 21.3
		25%	12.0	* 18.4	12.7	* 22.7	13.4	* 33.6
		30%	7.5	* 29.5	8.0	* 36.4	8.4	* 53.9
11.19 kW 101.60 cm 1.5 Million kCal	71	20%	14.8	14.9	16.5	17.5	18.1	25.0
		25%	9.4	23.5	10.4	27.7	11.4	39.5
		30%	5.9	37.7	6.5	44.4	7.1	63.3
	82	20%	19.0	11.6	* 21.1	* 13.7	* 23.1	* 19.5
		25%	12.0	18.4	* 13.3	* 21.6	* 14.6	* 30.9
		30%	7.5	29.5	* 8.3	* 34.7	* 9.1	* 49.5
	93	20%	* 22.2	* 9.9	* 24.7	* 11.7	* 27.1	* 16.7
		25%	* 14.1	* 15.7	* 15.6	* 18.5	* 17.1	* 26.4
		30%	* 8.8	* 25.2	* 9.8	* 29.6	* 10.7	* 42.2
22.37 kW 106.68 cm 2.5 Million kCal	71	20%			18.8	15.4	20.5	22.0
		25%			11.9	24.3	13.0	34.8
		30%			7.4	38.9	8.1	55.8
	82	20%			21.1	12.0	26.2	17.2
		25%			15.2	19.0	16.6	27.2
		30%			9.5	30.4	10.4	43.6
	93	20%			28.2	10.2	30.7	14.7
		25%			17.8	16.2	19.4	23.2
		30%			11.2	25.9	12.1	37.2
29.83 kW 106.68 cm 2.5 Million kCal	71	20%					23.4	19.3
		25%					14.8	30.5
		30%					9.2	48.9
	82	20%					29.9	15.1
		25%					18.9	23.8
		30%					11.8	38.2
	93	20%					35.0	12.9
		25%					22.2	20.3
		30%					13.8	32.6

Insufficient burner BTUs for 7 deg. C ambient temp.
Ratings exclude loading time.

Est. at ambient temp 7 deg. C, rel.humidity 65%.
Use only as a guide, conditions will vary capacities.

1/4 CFM/bu
cooling rate.

Shelled Corn (Metric Measurements)

AUTOFLOW SERIES			9.14m Dia. 2- Fan		10.97m Dia. 1-Fan		10.97m Dia. 2-Fan	
FAN & HEATER Unit(s)	Plenum Temp. C°	Moisture Content Wet Basis	Minutes Between Dumps		Minutes Between Dumps		Minutes Between Dumps	
MT / hr			MT / hr		MT / hr		MT / hr	
11.19 kW 91.44 cm 1.125 Million kCal	71	20%	23.9	18.9			25.2	25.8
		25%	15.1	29.9			16.0	40.7
		30%	9.4	47.9			10.0	65.2
	82	20%	30.5	14.8			32.3	20.1
		25%	19.3	23.4			20.4	31.8
		30%	12.1	37.4			12.8	51.0
	93	20%	35.7	* 12.6			37.8	* 17.2
		25%	22.6	* 19.9			24.0	* 27.2
		30%	14.1	* 32.0			15.0	* 43.5
11.19 kW 101.60 cm 1.5 Million kCal	71	20%	29.3	15.4			32.2	20.2
		25%	18.6	24.3			20.4	31.9
		30%	11.6	39.0			12.8	51.1
	82	20%	37.5	12.0			41.2	15.8
		25%	23.8	19.0			26.1	24.9
		30%	17.8	30.4			16.3	39.9
	93	20%	* 43.9	* 10.2			* 48.3	* 13.4
		25%	* 27.8	* 16.2			* 30.6	* 21.3
		30%	* 17.4	* 26			* 19.1	* 34.1
22.37 kW 106.68 cm 2.5 Million kCal	71	20%			20.8	31.3	36.9	17.6
		25%			13.2	49.4	23.4	27.8
		30%			8.2	79.1	14.6	44.6
	82	20%			26.6	24.4	47.2	13.8
		25%			16.9	38.6	29.9	21.7
		30%			10.5	61.8	18.7	34.8
	93	20%			31.2	20.8	55.3	11.7
		25%			19.7	32.9	35.0	18.6
		30%			12.3	52.8	21.9	29.8
29.83 kW 106.68 cm 2.5 Million kCal	71	20%			24.1	26.9		
		25%			15.3	42.6		
		30%			9.6	68.2		
	82	20%			30.9	21.0		
		25%			19.6	33.3		
		30%			12.2	53.3		
	93	20%			36.2	18.0		
		25%			22.9	28.4		
		30%			14.3	45.5		

Insufficient burner BTUs for 7 deg. C ambient temp.
Ratings exclude loading time.

Est. at ambient temp 7 deg. C, rel.humidity 65%.
Use only as a guide, conditions will vary capacities.

1/4 CFM/bu
cooling rate.

Conversion Rates (All Series)

Crop (Common Types)	Plenum Temperature Recommended	Conversion Formula (time) New Production Rate	Conversion Formula (bu) New Production Rate
Canola	140° F	(corn dry time) x 1.60	(corn drying capacity) x 0.60
Corn	180° F	dry time given in specs.	drying capacity given in specs.
White Corn	140° F	(corn dry time) x 1.45	(corn drying capacity) x 0.45
Milo / Sorghum	140° F	(corn dry time) x 1.60	(corn drying capacity) x 0.60
Soybean	150° F	(corn dry time) x 1.55	(corn drying capacity) x 0.55
Sunflower	140° F	(corn dry time) x 0.75	(corn drying capacity) x 1.75
Wheat	160° F	(corn dry time) x 1.60	(corn drying capacity) x 0.60

Crop (Common Types)	Conversion to Metric Tons Conversion from bushels to Metric Tons
Canola	1 Metric Ton (@ 56 lb / bu) = 39 bu
Corn	1 Metric Ton (@ 56 lb / bu) = 39 bu
White Corn	1 Metric Ton (@ 56 lb / bu) = 39 bu
Milo / Sorghum	1 Metric Ton (@ 56 lb / bu) = 39 bu
Soybean	1 Metric Ton (@ 60 lb / bu) = 36.75 bu
Sunflower	1 Metric Ton (@ 32 lb / bu) = 68.9 bu
Wheat	1 Metric Ton (@ 60 lb / bu) = 36.75 bu

Price Lists and Weights

Top Dry Batch Grain Drying System

Includes: 4" corrugated sidewall, external stiffeners, access door, two-ring door, thirty (30) degree roof, perforated floor sheets, support structure, dump hoppers, chutes, flashing, leveling bands, posts, winch assembly, cable, all hardware, bolt-on base angle, caulking, safety ring, drying chamber rotary switch, bin high limit rotary switch, horn, and bin door step.

When ordering a tall plenum add a T to the suffix of the model number. Example: TBS21-8-1 with a tall plenum becomes TBS21-8-1T. This should be added any time you are ordering a aeration system with a tall plenum.

Example TFS21-8T TD 21' 8 RING AER FLR SYS 17".

Description	Part Number	Weight (lbs.)	Weight (kgs.)	List Price
Batch 21' 5 ring Top Dry for 1 Fan	TBS21-5-1	7,040	3,196	\$18,930.00
Batch 21' 6 ring Top Dry for 1 Fan	TBS21-6-1	7,539	3,423	\$19,949.00
Batch 21' 7 ring Top Dry for 1 Fan	TBS21-7-1	8,211	3,728	\$21,113.00
Batch 21' 8 ring Top Dry for 1 Fan	TBS21-8-1	8,812	4,001	\$22,243.00
Batch 24' 5 ring Top Dry for 1 Fan	TBS24-5-1	8,638	3,922	\$21,683.00
Batch 24' 6 ring Top Dry for 1 Fan	TBS24-6-1	9,387	4,262	\$22,975.00
Batch 24' 7 ring Top Dry for 1 Fan	TBS24-7-1	10,093	4,582	\$24,382.00
Batch 24' 8 ring Top Dry for 1 Fan	TBS24-8-1	10,958	4,975	\$25,757.00
Batch 24' 9 ring Top Dry for 1 Fan	TBS24-9-1	12,126	5,505	\$27,187.00
Batch 24' 10 ring Top Dry for 1 Fan	TBS24-10-1	13,359	6,065	\$28,749.00
Batch 30' 5 ring Top Dry for 1 Fan	TBS30-5-1	13,352	6,062	\$31,246.00
Batch 30' 6 ring Top Dry for 1 Fan	TBS30-6-1	14,241	6,465	\$32,992.00
Batch 30' 7 ring Top Dry for 1 Fan	TBS30-7-1	15,446	7,012	\$34,916.00
Batch 30' 8 ring Top Dry for 1 Fan	TBS30-8-1	16,608	7,540	\$36,901.00
Batch 30' 9 ring Top Dry for 1 Fan	TBS30-9-1	17,990	8,167	\$39,166.00
Batch 30' 10 ring Top Dry for 1 Fan	TBS30-10-1	19,429	8,821	\$41,432.00
Batch 30' 11 ring Top Dry for 1 Fan	TBS30-11-1	20,376	9,251	\$44,032.00
Batch 30' 5 ring Top Dry for 2 Fans	TBS30-5-2	13,282	6,030	\$31,149.00
Batch 30' 6 ring Top Dry for 2 Fans	TBS30-6-2	14,171	6,434	\$32,926.00
Batch 30' 7 ring Top Dry for 2 Fans	TBS30-7-2	15,376	6,981	\$34,702.00
Batch 30' 8 ring Top Dry for 2 Fans	TBS30-8-2	16,538	7,508	\$36,663.00
Batch 30' 9 ring Top Dry for 2 Fans	TBS30-9-2	17,920	8,136	\$38,926.00
Batch 30' 10 ring Top Dry for 2 Fans	TBS30-10-2	19,359	8,789	\$41,192.00
Batch 30' 11 ring Top Dry for 2 Fans	TBS30-11-2	20,306	9,219	\$43,793.00
Batch 36' 6 ring Top Dry for 1 Fan	TBS36-6-1	22,502	10,216	\$46,564.00
Batch 36' 7 ring Top Dry for 1 Fan	TBS36-7-1	24,038	10,913	\$48,954.00
Batch 36' 8 ring Top Dry for 1 Fan	TBS36-8-1	25,531	11,591	\$51,564.00
Batch 36' 9 ring Top Dry for 1 Fan	TBS36-9-1	26,505	12,033	\$54,449.00
Batch 36' 10 ring Top Dry for 1 Fan	TBS36-10-1	27,961	12,694	\$57,333.00
Batch 36' 11 ring Top Dry for 1 Fan	TBS36-11-1	29,940	13,593	\$60,212.00
Batch 36' 6 ring Top Dry for 2 Fans	TBS36-6-2	22,432	10,184	\$46,459.00
Batch 36' 7 ring Top Dry for 2 Fans	TBS36-7-2	23,968	10,881	\$48,842.00
Batch 36' 8 ring Top Dry for 2 Fans	TBS36-8-2	25,462	11,560	\$51,454.00
Batch 36' 9 ring Top Dry for 2 Fans	TBS36-9-2	26,436	12,002	\$54,337.00
Batch 36' 10 ring Top Dry for 2 Fans	TBS36-10-2	27,892	12,663	\$57,220.00
Batch 36' 11 ring Top Dry for 2 Fans	TBS36-11-2	29,870	13,561	\$60,105.00

Top Dry Autoflow Grain Drying System

Includes: 4" corrugated sidewall, external stiffeners, access door, two-ring door, thirty (30) degree roof, perforated floor sheets, support structure, dump hoppers, chutes, flashing, leveling bands, posts, winch assembly, cable, all hardware, bolt-on base angle, caulking, safety ring, and bin door step. The Top Dry Autoflow Dryer also includes the Series 2000 Autoflow controls, dump chute actuator and rotary switches. This control is for direct connection to the Series 2000 line of fan and heaters. Control will run up to two drying fans and one cooling fan. Series 2000 Autoflow Control will independently control two fill systems. Motor starters for aeration fans and fill systems are not included and **must** be priced separately. Actuator is screw type and will not operate separately of control. Two (2) 12 volt lawn and garden batteries are required to run the system and are **not** available through GSI. Three (3) extra grain temperature sensors are included.

When ordering a tall plenum add a T to the suffix of the model number. Example: TAS21-8-1 with a tall plenum becomes TAS21-8-1T. This should be added any time you are ordering a aeration system with a tall plenum. Example TFS21-8T TD 21' 8 RING AER FLR SYS 17".

Description	Part Number	Weight (lbs.)	Weight (kgs.)	List Price
Autoflow 21' 5 ring Top Dry for 1 Fan	TAS21-5-1	8,331	3,782	\$30,452.00
Autoflow 21' 6 ring Top Dry for 1 Fan	TAS21-6-1	8,830	4,009	\$31,468.00
Autoflow 21' 7 ring Top Dry for 1 Fan	TAS21-7-1	10,326	4,688	\$32,633.00
Autoflow 21' 8 ring Top Dry for 1 Fan	TAS21-8-1	10,103	4,587	\$33,762.00
Autoflow 24' 5 ring Top Dry for 1 Fan	TAS24-5-1	9,237	4,194	\$32,996.00
Autoflow 24' 6 ring Top Dry for 1 Fan	TAS24-6-1	9,986	4,534	\$34,285.00
Autoflow 24' 7 ring Top Dry for 1 Fan	TAS24-7-1	10,692	4,854	\$35,696.00
Autoflow 24' 8 ring Top Dry for 1 Fan	TAS24-8-1	11,557	5,247	\$37,066.00
Autoflow 24' 9 ring Top Dry for 1 Fan	TAS24-9-1	12,714	5,772	\$38,524.00
Autoflow 24' 10 ring Top Dry for 1 Fan	TAS24-10-1	13,948	6,332	\$40,084.00
Autoflow 30' 5 ring Top Dry for 1 Fan	TAS30-5-1	13,993	6,353	\$42,599.00
Autoflow 30' 6 ring Top Dry for 1 Fan	TAS30-6-1	14,882	6,756	\$44,344.00
Autoflow 30' 7 ring Top Dry for 1 Fan	TAS30-7-1	16,087	7,303	\$46,266.00
Autoflow 30' 8 ring Top Dry for 1 Fan	TAS30-8-1	17,249	7,831	\$48,255.00
Autoflow 30' 9 ring Top Dry for 1 Fan	TAS30-9-1	18,619	8,453	\$50,878.00
Autoflow 30' 10 ring Top Dry for 1 Fan	TAS30-10-1	20,053	9,104	\$53,479.00
Autoflow 30' 11 ring Top Dry for 1 Fan	TAS30-11-1	21,002	9,535	\$57,505.00
Autoflow 30' 5 ring Top Dry for 2 Fans	TAS30-5-2	13,923	6,321	\$42,501.00
Autoflow 30' 6 ring Top Dry for 2 Fans	TAS30-6-2	14,812	6,725	\$44,279.00
Autoflow 30' 7 ring Top Dry for 2 Fans	TAS30-7-2	16,017	7,272	\$46,057.00
Autoflow 30' 8 ring Top Dry for 2 Fans	TAS30-8-2	17,179	7,799	\$48,014.00
Autoflow 30' 9 ring Top Dry for 2 Fans	TAS30-9-2	18,546	8,420	\$50,639.00
Autoflow 30' 10 ring Top Dry for 2 Fans	TAS30-10-2	20,225	9,182	\$53,211.00
Autoflow 30' 11 ring Top Dry for 2 Fans	TAS30-11-2	20,829	9,456	\$57,264.00
Autoflow 36' 6 ring Top Dry for 1 Fan	TAS36-6-1	22,956	10,422	\$57,992.00
Autoflow 36' 7 ring Top Dry for 1 Fan	TAS36-7-1	24,492	11,119	\$60,384.00
Autoflow 36' 8 ring Top Dry for 1 Fan	TAS36-8-1	25,985	11,797	\$62,996.00
Autoflow 36' 9 ring Top Dry for 1 Fan	TAS36-9-1	27,204	12,351	\$65,899.00
Autoflow 36' 10 ring Top Dry for 1 Fan	TAS36-10-1	28,660	13,012	\$68,783.00
Autoflow 36' 11 ring Top Dry for 1 Fan	TAS36-11-1	30,719	13,946	\$71,467.00
Autoflow 36' 6 ring Top Dry for 2 Fans	TAS36-6-2	22,886	10,390	\$57,885.00
Autoflow 36' 7 ring Top Dry for 2 Fans	TAS36-7-2	24,422	11,088	\$60,272.00
Autoflow 36' 8 ring Top Dry for 2 Fans	TAS36-8-2	25,907	11,762	\$62,884.00
Autoflow 36' 9 ring Top Dry for 2 Fans	TAS36-9-2	27,135	12,319	\$65,792.00
Autoflow 36' 10 ring Top Dry for 2 Fans	TAS36-10-2	28,590	12,980	\$68,674.00
Autoflow 36' 11 ring Top Dry for 2 Fans	TAS36-11-2	30,649	13,915	\$71,359.00

Series 2000 Batch Control Center

The Series 2000 Batch Control Center is recommended, but not required for Top Dry Batch operation. The Series 2000 Top Dry Batch Control Center includes LCD display and controls: dry timer, cool timer, grain temperature, plenum temperature, plenum temperature differential, and plenum high limit set points. The control center also allows for monitoring of the current plenum and grain temperatures from the ground when platforms are used. When ducting is used, the Series 2000 Top Dry Batch Control Center can be used as a remote control center.

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TF-1324	Series 2000 Top Dry Control Center	47	21	\$1,220.00

Autoflow Fill System Control Box (Requires Motor Starters listed on next page)

The Autoflow Fill System Control Box is not included in the Autoflow System, and does not include motor starters. The Autoflow Fill System Control Box houses the Top Dry Autoflow Fill System motor starters purchased on the next page. The Autoflow Fill System Control Box is pre-wired in the GSI factory to automatically, and independently control up to two (2) fill system motor starters, and one (1) aeration fan motor starter. The Autoflow Fill System Control Box has switches to allow for manual operation of the fill systems being controlled. When entering an order for the fill system box the Part Number will be determined by each starter and voltage. For the example below the box Part Number will be TFB-1053-3. The TFB- indicates the Top Dry Fill System Box, The 10 indicates the Fill #1 horsepower, The 5 indicates the Fill #2 horsepower, and the -3 indicates the voltage and phase.

NOTE: The Autoflow Fill System Control box is not required. In systems where motor starters already exist that will control the fill system(s) and aeration fan, the Series 2000 Autoflow Control Box shipped with the Autoflow Drying System can be used to control these starters.

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TF-1270	Fill System Control Box	42	19	\$670.00

EXAMPLE:

The customer is unloading a flat bottomed wet tank with a 5hp 8" unloading auger into a 15hp 10" transport auger which is used to fill the Top Dry. The customer is using a 3hp cooling fan.

Component	Item Number	List Price
Fill System Control Box (Houses Motor Starters)	TF-1270	\$670.00
Fill System #1 Starter (Controls Transport Auger)	TF1-1273-3	\$424.00
Fill System #2 Starter (Controls Unload Auger)	TF2-1271-3	\$353.00
Aeration Fan Starter	TFA-1532-3	\$320.00
Total		\$1,767.00

NOTE: The Fill System that loads grain directly into the top of the Top Dry is always considered Fill System #1. The Fill System (if used) that loads grain into Fill System #1 is always considered Fill System #2. Specify motor horsepower, voltage, phase, and which fill system/aeration fan the starter will control when ordering.

Autoflow Fill System and Aeration Fan Motor Starters (Requires Fill System Control Box listed on previous page)

Fill system and cooling fan motor starters are not included in the Autoflow System, or the Autoflow Fill System Control Box. Price per starter required using the chart below. The price includes factory wiring of starters for connection to the Autoflow Control Box. If starters are purchased separately they must have 110vAC coils. Specify motor horsepower, voltage, phase, and which fill system/aeration fan the starter will control when ordering.

Fill #1 Starter Part Number	Fill #2 Starter Part Number	Aeration Fan Starter Part Number	Description	(lbs.)	(kgs.)	List Price
TF1-1532-1	TF2-1532-1	TFA-1532-1	Starter 3hp Autoflow 220v1ph	3	1	\$366.00
TF1-1532-3	TF2-1532-3	TFA-1532-3	Starter 3hp Autoflow 220v3ph	4	2	\$320.00
TF1-1532-6	TF2-1532-6	TFA-1532-6	Starter 3hp Autoflow 380v3ph	4	2	\$320.00
TF1-1532-4	TF2-1532-4	TFA-1532-4	Starter 3hp Autoflow 460v3ph	3	1	\$320.00
TF1-1532-5	TF2-1532-5	TFA-1532-5	Starter 3hp Autoflow 575v3ph	3	1	\$319.00
TF1-1271-1	TF2-1271-1	TFA-1271-1	Starter 5hp Autoflow 220v1ph	3	1	\$388.00
TF1-1271-3	TF2-1271-3	TFA-1271-3	Starter 5hp Autoflow 220v3ph	4	2	\$353.00
TF1-1271-6	TF2-1271-6	TFA-1271-6	Starter 5hp Autoflow 380v3ph	4	2	\$353.00
TF1-1271-4	TF2-1271-4	TFA-1271-4	Starter 5hp Autoflow 460v 3ph	4	2	\$353.00
TF1-1271-5	TF2-1271-5	TFA-1271-5	Starter 5hp Autoflow 575v3ph	4	2	\$353.00
TF1-1533-1	TF2-1533-1	TFA-1533-1	Starter 7.5hp Autoflow 220v1ph	3	1	\$488.00
TF1-1533-3	TF2-1533-3	TFA-1533-3	Starter 7.5hp Autoflow 220v3ph	4	2	\$353.00
TF1-1533-6	TF2-1533-6	TFA-1533-6	Starter 7.5hp Autoflow 380v3ph	4	2	\$353.00
TF1-1533-4	TF2-1533-4	TFA-1533-4	Starter 7.5hp Autoflow 460v3ph	4	2	\$353.00
TF1-1533-5	TF2-1533-5	TFA-1533-5	Starter 7.5hp Autoflow 575v3ph	4	2	\$353.00
TF1-1272-1	TF2-1272-1	TFA-1272-1	Starter 10hp Autoflow 220v1ph	3	1	\$488.00
TF1-1272-3	TF2-1272-3	TFA-1272-3	Starter 10hp Autoflow 220v3ph	4	2	\$362.00
TF1-1272-6	TF2-1272-6	TFA-1272-6	Starter 10hp Autoflow 380v3ph	4	2	\$362.00
TF1-1272-4	TF2-1272-4	TFA-1272-4	Starter 10hp Autoflow 460v3ph	4	2	\$353.00
TF1-1272-5	TF2-1272-5	TFA-1272-5	Starter 10hp Autoflow 575v3ph	4	2	\$353.00
TF1-1273-3	TF2-1273-3	TFA-1273-3	Starter 15hp Autoflow 220v3ph	4	2	\$424.00
TF1-1273-6	TF2-1273-6	TFA-1273-6	Starter 15hp Autoflow 380v3ph	4	2	\$424.00
TF1-1273-4	TF2-1273-4	TFA-1273-4	Starter 15hp Autoflow 460v3ph	4	2	\$353.00
TF1-1273-5	TF2-1273-5	TFA-1273-5	Starter 15hp Autoflow 575v3ph	4	2	\$353.00
TF1-1274-3	TF2-1274-3	TFA-1274-3	Starter 20hp Autoflow 220v3ph	6	3	\$505.00
TF1-1274-6	TF2-1274-6	TFA-1274-6	Starter 20hp Autoflow 380v3ph	6	3	\$505.00
TF1-1274-4	TF2-1274-4	TFA-1274-4	Starter 20hp Autoflow 460v3ph	6	3	\$371.00
TF1-1274-5	TF2-1274-5	TFA-1274-5	Starter 20hp Autoflow 575v3ph	6	3	\$370.00
TF1-1285-3	TF2-1285-3	TFA-1285-3	Starter 25hp Autoflow 220v3ph	6	3	\$543.00
TF1-1285-6	TF2-1285-6	TFA-1285-6	Starter 25hp Autoflow 380v3ph	6	3	\$543.00
TF1-1285-4	TF2-1285-4	TFA-1285-4	Starter 25hp Autoflow 460v3ph	6	3	\$433.00
TF1-1285-5	TF2-1285-5	TFA-1285-5	Starter 25hp Autoflow 575v3ph	6	3	\$433.00
TF1-1284-3	TF2-1284-3	TFA-1284-3	Starter 30hp Autoflow 220v3ph	6	3	\$594.00
TF1-1284-6	TF2-1284-6	TFA-1284-6	Starter 30hp Autoflow 380v3ph	6	3	\$594.00
TF1-1284-4	TF2-1284-4	TFA-1284-4	Starter 30hp Autoflow 460v3ph	6	3	\$497.00
TF1-1284-5	TF2-1284-5	TFA-1284-5	Starter 30hp Autoflow 575v3ph	6	3	\$497.00

Platform Packages with Stairs and Ladders

Platform packages come with the correct amount of ladders for inside of bin, and for continuation up from the platform. All packages also include one or two fan platforms, landing platform, bin stair sections, eave safety rails, access door platform and one or two crossover platforms. Fan entrance sheet weldments and transistions for platforms must be ordered seperately to install the fans (see page 31). Incorrect placement of equipment may result in a shortage of equipment. Refer to the erection manual for proper placement.

Ladder, Platform and Stair Package-1 Fan

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TD-100186	Ladders, Stairs and Platform for 5 Ring Bin	1,272	577	\$3,847.00
TD-100187	Ladders, Stairs and Platform for 6 Ring Bin	1,347	612	\$4,247.00
TD-100188	Ladders, Stairs and Platform for 7 Ring Bin	1,422	646	\$4,645.00
TD-100189	Ladders, Stairs and Platform for 8 Ring Bin	1,497	680	\$5,042.00
TD-100882	Ladders, Stairs and Platform for 9 Ring Bin	1,572	714	\$5,439.00
TD-100883	Ladders, Stairs and Platform for 10 Ring Bin	1,647	748	\$5,836.00
TD-100867	Ladders, Stairs and Platform for 11 Ring Bin	1,655	751	\$6,235.00

Ladder, Platform and Stair Package-2 Fan

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TD-100195	Ladders, Stairs and 2 Platforms for 5 Ring Bin	2,112	959	\$5,699.00
TD-100196	Ladders, Stairs and 2 Platforms for 6 Ring Bin	1,347	612	\$6,096.00
TD-100197	Ladders, Stairs and 2 Platforms for 7 Ring Bin	2,262	1,027	\$6,495.00
TD-100198	Ladders, Stairs and 2 Platforms for 8 Ring Bin	2,337	1,061	\$6,890.00
TD-100896	Ladders, Stairs and 2 Platforms for 9 Ring Bin	2,412	1,095	\$7,288.00
TD-100897	Ladders, Stairs and 2 Platforms for 10 Ring Bir	2,487	1,129	\$7,685.00
TD-100866	Ladders, Stairs and 2 Platforms for 11 Ring Bir	2,562	1,163	\$8,082.00

Fan Entrance Sheet and Transition for Platforms Required (Page 31)

Platform Packages with Ladders only

All Ladder and Platform Packages come with the correct amount of ladders and platforms for the ring height of the bin required, inside and outside ladders with standoffs, eave safety rails, access door platform, crossover platform (two fan only), and one or two large platforms for fans. Fan entrance sheet weldments and transitions for platforms must be ordered separately to install the fans (see page 31). Incorrect placement of equipment may result in a shortage of equipment. Refer to the erection manual for proper placement.

Ladder and Platform Package-1 Fan

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TD-100129	Ladders, and Platform for 5 Ring Bin	993	451	\$2,401.00
TD-100130	Ladders, and Platform for 6 Ring Bin	1,009	458	\$2,474.00
TD-100131	Ladders, and Platform for 7 Ring Bin	1,026	466	\$2,546.00
TD-100132	Ladders, and Platform for 8 Ring Bin	1,042	473	\$2,616.00
TD-100907	Ladders, and Platform for 9 Ring Bin	1,058	480	\$2,690.00
TD-100908	Ladders, and Platform for 10 Ring Bin	1,074	488	\$2,757.00
TD-100909	Ladders, and Platform for 11 Ring Bin	1,090	495	\$2,828.00

Ladder and Platform Package-2 Fan

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TD-100138	Ladders, and 2 Platforms for 5 Ring Bin	1,832	832	\$4,255.00
TD-100139	Ladders, and 2 Platforms for 6 Ring Bin	1,849	839	\$4,328.00
TD-100140	Ladders, and 2 Platforms for 7 Ring Bin	1,865	847	\$4,397.00
TD-100141	Ladders, and 2 Platforms for 8 Ring Bin	1,881	854	\$4,469.00
TD-100913	Ladders, and 2 Platforms for 9 Ring Bin	1,897	861	\$4,544.00
TD-100914	Ladders, and 2 Platforms for 10 Ring Bin	1,913	869	\$4,614.00
TD-100915	Ladders, and 2 Platforms for 11 Ring Bin	1,929	876	\$4,685.00

Fan Entrance Sheet and Transition for Platforms Required (Page 31)

Duct Packages with Stairs and Ladders

All Duct Packages with Stairs come with one or two ducts (with fan faceplates) for the ring height of the bin required, inside ladders with standoffs, landing platform, bin stair sections, eave safety rails and access door platform. Incorrect placement of equipment may result in a shortage of equipment. Entrance sheet weldments for duct must be ordered separately to install ductwork (see page 31). Refer to the erection manual for proper placement.

Note: When installing a Top Dry with Duct you may wish to consider a additional ladder and small platform for service needs of a rotary switch or plenum temperature sensor. This will depend on the layout of your system and accessories. The small platform package part number is LS-6618 list price is \$431.00.

Ladder, Duct and Stair Package-1 Fan

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TD-101039	Ladders, Duct and Stair Package for 5 Ring Bin	1,577	716	\$3,695.00
TD-101040	Ladders, Duct and Stair Package for 6 Ring Bin	1,845	838	\$4,431.00
TD-101041	Ladders, Duct and Stair Package for 7 Ring Bin	2,112	959	\$4,893.00
TD-101042	Ladders, Duct and Stair Package for 8 Ring Bin	2,379	1,080	\$5,491.00
TD-101043	Ladders, Duct and Stair Package for 9 Ring Bin	2,647	1,202	\$6,089.00
TD-101044	Ladders, Duct and Stair Package for 10 Ring Bin	2,914	1,323	\$6,688.00
TD-101045	Ladders, Duct and Stair Package for 11 Ring Bin	3,181	1,444	\$7,284.00

Ladder, Duct and Stair Package-2 Fan

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TD-101046	Ladders, 2 Duct and Stair Packages for 5 Ring Bin	2,301	1,045	\$5,005.00
TD-101047	Ladders, 2 Duct and Stair Packages for 6 Ring Bin	2,729	1,239	\$6,171.00
TD-101048	Ladders, 2 Duct and Stair Packages for 7 Ring Bin	3,156	1,433	\$6,968.00
TD-101049	Ladders, 2 Duct and Stair Packages for 8 Ring Bin	3,584	1,627	\$7,887.00
TD-101050	Ladders, 2 Duct and Stair Packages for 9 Ring Bin	4,011	1,821	\$8,814.00
TD-101051	Ladders, 2 Duct and Stair Packages for 10 Ring Bin	4,439	2,015	\$9,724.00
TD-101052	Ladders, 2 Duct and Stair Packages for 11 Ring Bin	4,866	2,209	\$10,858.00

Fan Entrance Sheet Weldment for Duct Required (Page 31)

Duct Packages with Ladders only

All Ladder and Duct Packages come with one or two ducts (with fan faceplates) for the ring height of the bin required, inside and outside ladders with standoffs, eave safety rails and access door platform. Incorrect placement of equipment may result in a shortage of equipment. Entrance sheet weldments for duct must be ordered separately to install ductwork (see page 31). Refer to the erection manual for proper placement.

Ladder and Duct Package-1 Fan

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TD-101001	Ladders, and Duct Package for 5 Ring Bin	877	398	\$2,236.00
TD-101002	Ladders, and Duct Package for 6 Ring Bin	1,054	479	\$2,980.00
TD-101003	Ladders, and Duct Package for 7 Ring Bin	1,234	560	\$3,408.00
TD-101004	Ladders, and Duct Package for 8 Ring Bin	1,410	640	\$3,835.00
TD-101005	Ladders, and Duct Package for 9 Ring Bin	1,588	721	\$4,608.00
TD-101006	Ladders, and Duct Package for 10 Ring Bin	1,765	801	\$5,037.00
TD-101007	Ladders, and Duct Package for 11 Ring Bin	1,942	882	\$5,495.00

Ladder and Duct Package-2 Fan

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TD-101008	Ladders, and 2 Duct Packages for 5 Ring Bin	1,366	620	\$3,898.00
TD-101009	Ladders, and 2 Duct Packages for 6 Ring Bin	1,705	774	\$5,048.00
TD-101010	Ladders, and 2 Duct Packages for 7 Ring Bin	2,044	928	\$5,803.00
TD-101011	Ladders, and 2 Duct Packages for 8 Ring Bin	2,383	1,082	\$6,568.00
TD-101012	Ladders, and 2 Duct Packages for 9 Ring Bin	2,721	1,235	\$7,684.00
TD-101013	Ladders, and 2 Duct Packages for 10 Ring Bin	3,060	1,389	\$8,446.00
TD-101014	Ladders, and 2 Duct Packages for 11 Ring Bin	3,399	1,543	\$9,240.00

Fan Entrance Sheet Weldment for Duct Required (Page 31)

Aeration Floor Systems

All GSI drying floors are shipped with perforated flashing and flashing screws. Highback flashing is used with 345-H Cut-lok floors.

NOTE: These floor systems are the Cut-Lok type and are shipped with GSI "Grandstand" floor supports and are not warranted on any other floor support system (i.e. monorail, concrete block, or non-GSI supports, etc.). For grain depths over 24 feet consult GSI engineering for specific requirements. May only be ordered with complete Top Dry system.

11 7/8" Grandstands

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TFS21-5	MAXIM 21' 5 ring Aeration Floor	1130	513	\$2,016.00
TFS21-6	MAXIM 21' 6 ring Aeration Floor	1140	518	\$2,053.00
TFS21-7	MAXIM 21' 7 ring Aeration Floor	1150	522	\$2,090.00
TFS21-8	MAXIM 21' 8 ring Aeration Floor	1150	522	\$2,090.00
TFS24-5	MAXIM 24' 5 ring Aeration Floor	1786	811	\$2,593.00
TFS24-6	MAXIM 24' 6 ring Aeration Floor	1810	822	\$2,630.00
TFS24-7	MAXIM 24' 7 ring Aeration Floor	1858	844	\$2,704.00
TFS24-8	MAXIM 24' 8 ring Aeration Floor	1882	854	\$2,741.00
TFS24-9	MAXIM 24' 9 ring Aeration Floor	1931	877	\$2,815.00
TFS24-10	MAXIM 24' 10 ring Aeration Floor	1979	898	\$2,888.00
TFS30-5	MAXIM 30' 5 ring Aeration Floor	2785	1,264	\$4,019.00
TFS30-6	MAXIM 30' 6 ring Aeration Floor	2809	1,275	\$4,056.00
TFS30-7	MAXIM 30' 7 ring Aeration Floor	2881	1,308	\$4,166.00
TFS30-8	MAXIM 30' 8 ring Aeration Floor	2953	1,341	\$4,277.00
TFS30-9	MAXIM 30' 9 ring Aeration Floor	3074	1,396	\$4,462.00
TFS30-10	MAXIM 30' 10 ring Aeration Floor	3145	1,428	\$4,573.00
TFS30-11	MAXIM 30' 11 ring Aeration Floor	3195	1,451	\$4,647.00
TFS36-6	MAXIM 36' 6 ring Aeration Floor	4044	1,836	\$5,884.00
TFS36-7	MAXIM 36' 7 ring Aeration Floor	4140	1,880	\$6,032.00
TFS36-8	MAXIM 36' 8 ring Aeration Floor	4285	1,945	\$6,254.00
TFS36-9	MAXIM 36' 9 ring Aeration Floor	4454	2,022	\$6,513.00
TFS36-10	MAXIM 36' 10 ring Aeration Floor	4597	2,087	\$6,735.00
TFS36-11	MAXIM 36' 11 ring Aeration Floor	4693	2,131	\$6,882.00

ATTN: 17 1/4" Grandstands are required when 10" Unload equipment is used.

Aeration Floor Systems

All GSI drying floors are shipped with perforated flashing and flashing screws. Highback flashing is used with 345-H Cut-lok floors.

NOTE: These floor systems are the Cut-Lok type and are shipped with GSI “Grandstand” floor supports and are not warranted on any other floor support system (i.e. monorail, concrete block, or non-GSI supports, etc.). For grain depths over 24 feet consult GSI engineering for specific requirements. May only be ordered with complete Top Dry system.

17 1/4" Grandstands

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TFS21-5T	MAXIM 21' 5 ring Aeration Floor	1522	691	\$2,256.00
TFS21-6T	MAXIM 21' 6 ring Aeration Floor	1556	706	\$2,307.00
TFS21-7T	MAXIM 21' 7 ring Aeration Floor	1589	721	\$2,358.00
TFS21-8T	MAXIM 21' 8 ring Aeration Floor	1589	721	\$2,358.00
TFS24-5T	MAXIM 24' 5 ring Aeration Floor	1984	901	\$2,903.00
TFS24-6T	MAXIM 24' 6 ring Aeration Floor	2017	916	\$2,955.00
TFS24-7T	MAXIM 24' 7 ring Aeration Floor	2084	946	\$3,056.00
TFS24-8T	MAXIM 24' 8 ring Aeration Floor	2118	962	\$3,108.00
TFS24-9T	MAXIM 24' 9 ring Aeration Floor	2185	992	\$3,210.00
TFS24-10T	MAXIM 24' 10 ring Aeration Floor	2252	1,022	\$3,312.00
TFS30-5T	MAXIM 30' 5 ring Aeration Floor	3103	1,409	\$4,512.00
TFS30-6T	MAXIM 30' 6 ring Aeration Floor	3137	1,424	\$4,564.00
TFS30-7T	MAXIM 30' 7 ring Aeration Floor	3037	1,379	\$4,716.00
TFS30-8T	MAXIM 30' 8 ring Aeration Floor	3338	1,515	\$4,870.00
TFS30-9T	MAXIM 30' 9 ring Aeration Floor	3506	1,592	\$5,125.00
TFS30-10T	MAXIM 30' 10 ring Aeration Floor	3607	1,638	\$5,279.00
TFS30-11T	MAXIM 30' 11 ring Aeration Floor	3674	1,668	\$5,380.00
TFS36-6T	MAXIM 36' 6 ring Aeration Floor	4521	2,053	\$6,618.00
TFS36-7T	MAXIM 36' 7 ring Aeration Floor	4655	2,113	\$6,823.00
TFS36-8T	MAXIM 36' 8 ring Aeration Floor	4857	2,205	\$7,129.00
TFS36-9T	MAXIM 36' 9 ring Aeration Floor	5092	2,312	\$7,486.00
TFS36-10T	MAXIM 36' 10 ring Aeration Floor	5294	2,403	\$7,793.00
TFS36-11T	MAXIM 36' 11 ring Aeration Floor	5428	2,464	\$7,997.00

Top Dry Crop Drying Units (LP & NG Fired Units)

Includes: Motor controls, heater controls, plenum temperature sensor, grain temperature sensor, vinyl fan cover, and diffuser (for 42"30hp and 42"40hp units). Part numbers are shown for Batch Master Units. To order a Autoflow Unit a 2AF prefix is used instead of a 2TF. Two fan Top Dries require ordering 1 - Master Unit and 1 - Slave Unit. To order a Slave Unit an S is used instead of an M in the part number suffix. The price is the same for Batch or Autoflow units, and Master or Slave Units.

Note: GSI Top Dry Crop Drying Units are only available for GSI Top Dry's.

Example: 36" 10-16hp 1Ph. Liquid Propane Autoflow Master Unit is 2AF-3615-1LM

Example: 36" 10-16hp 1Ph. Liquid Propane Batch Slave Unit is 2TF-3615-1LS

LP Units							
Model No.	Dia.	HP	RPM	Voltage/Freq.	Weight (lbs.)	Weight (Kg)	List Price
2TF-3615-1LM	36" (91.44cm)	10-16	1750	220v 1ph 60hz	710	320	\$9,430.00
2TF-3615-3LM	36" (91.44cm)	15	1750	230v 3ph 60hz	696	313	\$8,169.00
2TF-3615-4LM	36" (91.44cm)	15	1750	460v 3ph 60hz	700	315	\$8,328.00
2TF-3615-6LM	36" (91.44cm)	15	1425	380v 3ph 50Hz	700	315	\$8,328.00
2TF-4015-1LM	40" (1.02m)	10-16	1750	220v 1ph 60hz	805	362	\$10,093.00
2TF-4015-3LM	40" (1.02m)	15	1750	230v 3ph 60hz	791	356	\$8,833.00
2TF-4015-4LM	40" (1.02m)	15	1750	460v 3ph 60hz	797	359	\$8,989.00
2TF-4015-6LM	40" (1.02m)	15	1425	380v 3ph 50Hz	797	359	\$8,989.00
2TF-4230-3LM	42" (1.07m)	30	1750	230v 3ph 60hz	1027	462	\$10,815.00
2TF-4230-4LM	42" (1.07m)	30	1750	460v 3ph 60hz	1029	463	\$11,207.00
2TF-4230-6LM	42" (1.07m)	30	1425	380v 3ph 50Hz	1029	463	\$11,207.00
2TF-4240-3LM	42" (1.07m)	40	1750	230v 3ph 60hz	1122	505	\$11,969.00
2TF-4240-4LM	42" (1.07m)	40	1750	460v 3ph 60hz	1121	504	\$11,797.00
2TF-4240-6LM	42" (1.07m)	40	1425	380v 3ph 50Hz	1121	504	\$11,797.00

NG Units							
Model No.	Dia.	HP	RPM	Voltage/Freq.	Weight (lbs.)	Weight (Kg)	List Price
2TF-3615-1NM	36" (91.44cm)	10-16	1750	220v 1ph 60hz	682	307	\$8,673.00
2TF-3615-3NM	36" (91.44cm)	15	1750	230v 3ph 60hz	668	301	\$7,420.00
2TF-3615-4NM	36" (91.44cm)	15	1750	460v 3ph 60hz	674	303	\$7,579.00
2TF-3615-6NM	36" (91.44cm)	15	1425	380v 3ph 50Hz	674	303	\$7,579.00
2TF-4015-1NM	40" (1.02m)	10-16	1750	220v 1ph 60hz	777	350	\$9,398.00
2TF-4015-3NM	40" (1.02m)	15	1750	230v 3ph 60hz	763	343	\$8,147.00
2TF-4015-4NM	40" (1.02m)	15	1750	460v 3ph 60hz	769	346	\$7,851.00
2TF-4015-6NM	40" (1.02m)	15	1425	380v 3ph 50Hz	769	346	\$8,323.00
2TF-4230-3NM	42" (1.07m)	30	1750	230v 3ph 60hz	999	450	\$10,350.00
2TF-4230-4NM	42" (1.07m)	30	1750	460v 3ph 60hz	1001	450	\$10,491.00
2TF-4230-6NM	42" (1.07m)	30	1425	380v 3ph 50Hz	1001	450	\$10,491.00
2TF-4240-3NM	42" (1.07m)	40	1750	230v 3ph 60hz	1094	492	\$11,338.00
2TF-4240-4NM	42" (1.07m)	40	1750	460v 3ph 60hz	1093	492	\$11,313.00
2TF-4240-6NM	42" (1.07m)	40	1425	380v 3ph 50Hz	1093	492	\$11,313.00

CGA Approved models are available for Canadian usage. For all LP and 36" Natural Gas CGA units add \$1050.00 to the list price of standard domestic Top Dry fan and heaters shown above and C to part number prefix. For all 40"-42" Natural Gas CGA units add \$1950.00 to the list price of standard domestic Top Dry fan and heaters shown above and C to part number prefix.

*575 Volt models use same list prices as 460 volt 3Ph. models (Use 5 in suffix rather than 4)

*208 Volt models use same list prices as 230 volt 3Ph. models

EXAMPLE: 36" 10 to 16 Hp. L.P. 575 Volt CGA approved master fan and heater part no. is 2TFC-36155LM

List Price is \$7436.00 + \$1050.00 = \$8486.00

Top Dry Crop Drying Units (Diesel Fired Units)

Diesel Units							
Model No.	Dia.	HP	RPM	Voltage/Freq.	Weight (lbs.)	Weight (Kg)	List Price
2TF-3615-1DM	36" (91.44cm)	10-16	1750	230/1ph 60hz	1054	478	\$15,633.00
2TF-3615-3DM	36" (91.44cm)	15	1750	230/3ph 60hz	1054	478	\$14,402.00
2TF-3615-4DM	36" (91.44cm)	15	1750	460/3ph 60hz	1054	478	\$14,561.00
2TF-3615-6DM	36" (91.44cm)	15	1425	380v50Hz	1054	478	\$14,561.00
2TF-4230-3DM	42" (1.07m)	30	1750	230/3ph 60hz	1767	802	\$17,002.00
2TF-4230-4DM	42" (1.07m)	30	1750	460/3ph 60hz	1767	802	\$17,395.00
2TF-4230-6DM	42" (1.07m)	30	1425	380v50Hz	1767	802	\$17,395.00

Fuel Pumps (Required with Diesel Units)

Fan Horsepower	Qty.	Use	Fuel Pump	List Price
15	1	—▶	D01-0360-(Voltage)	\$2,194.00
30	1	—▶	D01-0360-(Voltage)	\$2,194.00
15	2	—▶	D01-0361-(Voltage)	\$2,804.00
30	2	—▶	D01-0361-(Voltage)	\$2,804.00

Example: 12 Horsepower 1-Fan/Heater System, 380v50hz, uses Fuel Pump D01-0359-6

Air Compressor (Can be purchased locally)

Compressor Part Number	kW / hr	HP	List Price
D02-0109-(Voltage)	5.59	7.5	\$7,314.00

Example: 12 Horsepower Fan/Heater, 380v50hz, uses Compressor D02-0109-6

Voltage Designation (Used With Pumps & Compressors)

Voltage	Add Suffix to	Part Number
220v1ph 60hz	—▶	1
220v3ph 60hz	—▶	3
460v3ph 60hz	—▶	4
380v3ph 50hz	—▶	6

Minimum Roof Vents Required (Single Fan Units)

Note: Roof vent quantities listed are for corn only. Call GSI when storing other grains. Auto-vents must be used on Top Dry. Grilled vents are NOT acceptable.

Bin Size	Cooling Fan	36" 15hp	40" 15hp	42" 30hp	42" 40hp
21' Diameter	3 hp 18" ILC	11	13		
24' Diameter	3 hp 18" ILC	11	14	16	
30' Diameter	5-7 hp 24" ILC	12	15	18	20
36' Diameter	5-7 hp 24" ILC	13	16	19	22

Minimum Roof Vents Required (Two Fan Units)

Note: Roof vent quantities listed are for corn only. Call GSI when storing other grains. Auto-vents must be used on Top Dry. Grilled vents are NOT acceptable.

Bin Size	Cooling Fan	36" 15hp	40" 15hp	42" 30hp
30' Diameter	5-7 hp 24" ILC	20	25	
36' Diameter	5-7 hp 24" ILC	23	29	34

Roof Vents (Required)

Note: Use the charts above to obtain the proper number of roof vents required. Special roof panels with extruded vent openings will be provided at A charge of \$14.00 each when requested at time of order.

Important: When there is a spout directly into the Top Dry that permanently closes the peak opening 3 High Mount Roof Vents must be added to compensate for the loss of opening by sealing the peak. These are available from GSI and are listed in the pricing below. Part number is KC1200 and has a list price of \$172.00 each.

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
MIS-6782	SlimLine Auto-Vent (Assembled)	19	8	\$99.00
MIS-6783	Box of 5 SlimLine Auto-Vents (Unassembled)	93	42	\$426.00
MIS-6784	Box of 50 SlimLine Auto-Vents (Unassembled)	931	423	\$5,480.00
MIS-6785	Box of 100 SlimLine Auto-Vents (Unassembled)	1,863	846	\$10,046.00
KC1200	High Mount Roof Vent	14	6	\$172.00

Fan Entrance Sheet and Transition for Platforms (Not Required when Duct is used)

Includes: sidewall sheet weldment, or transition for 42" fan. Entrance sheets are curved and completely welded. These sheet weldments are used to mount the drying fans to the bin when platforms are used. Select proper sheet to fit bin diameter and fan size. **NOTE:** Two weldments required on two fan systems.

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TD-101132	21ft (6.40m) Ent. Sheet for 36" Fan (91.44cm)	152	68	\$503.00
TD-100835	21ft (6.40m) Ent. Sheet & Transition for 40" (1.02m) & 42" Fan (1.07m)	245	110	\$503.00
TD-101133	24ft (7.32m) Ent. Sheet for 36" Fan (91.44cm)	152	68	\$503.00
TD-100675	24ft (7.32m) Ent. Sheet & Transition for 40" (1.02m) & 42" Fan (1.07m)	245	110	\$883.00
TD-101134	30ft (9.14m) Ent. Sheet for 36" Fan (91.44cm)	152	68	\$503.00
TD-100681	30ft (9.14m) Ent. Sheet & Transition for 40" (1.02m) & 42" Fan (1.07m)	245	110	\$883.00
TD-101135	36ft (10.97m) Ent. Sheet for 36" Fan (91.44cm)	152	68	\$503.00
TD-100684	36ft (10.97m) Ent. Sheet & Transition for 40" (1.02m) & 42" Fan (1.07m)	245	110	\$883.00

Fan Entrance Sheet Weldment for Duct (Not Required when Platforms are used)

Includes: sidewall sheet weldment. Entrance sheets are curved and completely welded. These sheet weldments are used to mount the ducting to the bin when ductwork is used. Select proper sheet to fit bin diameter. **NOTE:** Two weldments required on two fan systems.

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TD-101124	21' Fan Entrance Sheet Weldment (Duct Package)	155	71	\$497.00
TD-101126	24' Fan Entrance Sheet Weldment (Duct Package)	155	71	\$497.00
TD-101128	30' Fan Entrance Sheet Weldment (Duct Package)	155	71	\$497.00
TD-101130	36' Fan Entrance Sheet Weldment (Duct Package)	155	71	\$497.00

Aeration System for Top Dry Dryers

Includes: Inline Centrifugal aeration fan with transition and faceplate. The Inline Centrifugal aeration fans have no motor controls. May only be ordered with complete Top Dry System.

Part Number	Description	HP	Voltage	Weight (lbs.)	Weight (kgs.)	List Price
TCS-318-1	Aer. Sys. 21' (6.40m) & 24' (7.23m) Dia. Top Dry	3	220v1ph 60Hz	185	83	\$1,396.00
TCS-318-3	Aer. Sys. 21' (6.40m) & 24' (7.23m) Dia. Top Dry	3	230v3ph 60Hz	177	80	\$1,372.00
TCS-318-4	Aer. Sys. 21' (6.40m) & 24' (7.23m) Dia. Top Dry	3	460v3ph 60Hz	177	80	\$1,372.00
TCS-318-5	Aer. Sys. 21' (6.40m) & 24' (7.23m) Dia. Top Dry	3	575v3ph 60Hz	177	80	\$1,372.00
TCS-318-6	Aer. Sys. 21' (6.40m) & 24' (7.23m) Dia. Top Dry	3	380v3ph 50Hz	177	80	\$1,372.00
TCS-7-1	Aer. Sys. 30' (9.14m) & 36' (10.97m) Dia. Top Dry	7	220v1ph 60Hz	285	128	\$2,146.00
TCS-7-3	Aer. Sys. 30' (9.14m) & 36' (10.97m) Dia. Top Dry	7	230/460v3ph 60Hz	263	118	\$1,980.00
TCS-7-5	Aer. Sys. 30' (9.14m) & 36' (10.97m) Dia. Top Dry	7	575v3ph 60Hz	263	118	\$1,980.00
TCS-7-6	Aer. Sys. 30' (9.14m) & 36' (10.97m) Dia. Top Dry	7	380v3ph 50Hz	263	118	\$1,980.00
TCS-10-1	Aer. Sys. 30' (9.14m) & 36' (10.97m) Dia. Top Dry	10	220v1ph 60Hz	370	168	\$2,518.00
TCS-10-3	Aer. Sys. 30' (9.14m) & 36' (10.97m) Dia. Top Dry	10	230/460v3ph 60Hz	364	165	\$2,274.00
TCS-10-5	Aer. Sys. 30' (9.14m) & 36' (10.97m) Dia. Top Dry	10	575v3ph 60Hz	364	165	\$2,274.00
TCS-10-6	Aer. Sys. 30' (9.14m) & 36' (10.97m) Dia. Top Dry	10	380v3ph 50Hz	364	165	\$2,274.00
TCS-15-1	Aer. Sys. 30' (9.14m) & 36' (10.97m) Dia. Top Dry	10	220v1ph 60Hz	417	189	\$2,988.00
TCS-15-3	Aer. Sys. 30' (9.14m) & 36' (10.97m) Dia. Top Dry	10	230/460v3ph 60Hz	397	180	\$2,448.00
TCS-15-5	Aer. Sys. 30' (9.14m) & 36' (10.97m) Dia. Top Dry	10	230/575v3ph 60Hz	397	180	\$2,448.00
TCS-15-6	Aer. Sys. 30' (9.14m) & 36' (10.97m) Dia. Top Dry	10	380v3ph 50Hz	397	180	\$2,448.00

Anchor Bolt (B-5217)

Anchor bolt is an "L" shaped 5/8" diameter bolt. Two per sidewall sheet is required.

Bin Diameter	Qty.	Weight (lbs.)	Weight (kgs.)	List Price
21'	14	21	10	\$212.80
24'	16	24	11	\$243.20
30'	20	30	14	\$304.00
36'	24	36	16	\$364.80

Polyurethane Base Sealer (S-2739)

Bin Diameter	Qty.	Weight (lbs.)	Weight (kgs.)	List Price
21'	3	15	7	\$213.00
24'	3	15	7	\$213.00
30'	4	20	9	\$284.00
36'	4	20	9	\$284.00

Fan Entrance Sheet Covers

When a two fan dryer is purchased but only one fan is to be mounted at the present time, the fan entrance sheet cover is used to block the entrance sheet not being used.

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TD-100892	36" Entrance Sheet Cover	25	11	\$71.00
TD-100827	42" Entrance Sheet Cover	30	14	\$71.00

Top Dry Bin Jack Lift Brackets

Recommended for use with jacks rated for at least 6000 lbs.

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TD-100724	Bin Jack Lift Bracket	11	5	\$53.00

21' Unload Equipment

UNLOADING ACCESSORIES 6" & 8"

All kits include all necessary Components including 2 intermediate wells. 6" wells are standard and 8" wells are priced with rollers.
Does not include Motor or Motor Pulley.

PART #	DESCRIPTION	WT.	LIST
GUH61211	6" 1 BELT Drive Horizontal Unload Kit Complete (1 h.p. 3.5" 1 GR.)	206	\$777.00
GUH8221R	8" 2 BELT Drive Horizontal Unload Kit Complete (2 h.p. 3.0" 2 GR.)	273	\$1,172.00
GUV6211	6" Vertical Unload Kit Complete (5 h.p. 4.5" 2 GR.)	400	\$2,075.00
GUV8211R	8" Vertical Unload Kit Complete (7.5 h.p. 4.5" 2 GR.)	569	\$2,731.00
GUI68211	6" to 8" 25 deg. Inclined Unload Kit Complete (3 h.p. 3.5" 2 GR.)	281	\$1,326.00
GUI8821R	8" to 8" 25 deg. Inclined Unload Kit Complete (5 h.p. 3.5" 2 GR.)	331	\$1,584.00
GUI81021R	8" to 10" 25 deg. Inclined Unload Kit Complete (5 h.p. 3.5" 2 GR.)	389	\$1,906.00
GBS62100	6" Bin Sweep Auger (1 h.p. 2.5" 1 GR.)	59	\$290.00
GBS82100	8" Bin Sweep Auger (1.5 h.p. 3.0" 1 GR.)	66	\$357.00
GUH6221P1	6" Horizontal Unload with Power Sweep Kit Complete (3 h.p. 3.5" 2 GR.)	404	\$2,475.00
GUH8221P1	8" Horizontal Unload with Power Sweep Kit Complete (5 h.p. 3.5" 2 GR.)	500	\$2,648.00
GUV621P1	6" Vertical Unload with Power Sweep Kit Complete (7.5 h.p. 4.5" 2 GR.)	592	\$3,594.00
GUV821P1	8" Vertical Unload with Power Sweep Kit Complete (10 h.p. 4.5" 2 GR.)	786	\$4,230.00
GUI6821P1	6" to 8" 25 deg. Inclined Unload with Power Sweep Kit (5 h.p. 3.5" 2 GR.)	482	\$2,944.00
GUI81021P1	8" to 10" 25 deg. Inclined Unload with Power Sweep Kit (7.5 h.p. 3.5" 2 GR.)	597	\$3,360.00
GW622300	6" Additional band on Thru Well	25	\$75.00
GW822300	8" Additional band on Thru Well	25	\$75.00
GW622350	6" Additional Band on Thru Well with Roller	22	\$113.00
GW822350	8" Additional Band on Thru Well with Roller	23	\$113.00

*Recommended Roller Gate wells for bins with eave height above 19'.

6" Kit - To add rollers to wells, add "R" to end of part number and \$115 to Kit Price.

8" Kit - To remove rollers from wells, delete "R" from end of part number and deduct \$104 from Kit Price.

Motors

Part No.	Description	Phase	Shaft	Wt. (LB)	Price
100-1	1 H.P.	1	5/8"	43	\$254
100-3	1 H.P.	3	7/8"	33	\$272
112-1	1-1/2 H.P.	1	5/8"	52	\$302
112-3	1-1/2 H.P.	3	7/8"	37	\$277
200-1	2 H.P.	1	7/8"	74	\$447
200-3	2 H.P.	3	7/8"	45	\$278
300-1	3 H.P.	1	1-1/8"	96	\$490
300-3	3 H.P.	3	1-1/8"	60	\$329
500-1	5 H.P.	1	1-1/8"	99	\$592
500-3	5 H.P.	3	1-1/8"	81	\$379
712-1	7-1/2 H.P.	1	1-1/8"	142	\$832
712-3	7-1/2 H.P.	3	1-3/8"	125	\$484
1000-1	10 H.P.	1	1-3/8"	160	\$1,101
1000-3	10 H.P.	3	1-3/8"	136	\$588

Fixed Bore Sheaves

Part No.	Description	Groove	Shaft	Wt. (LB)	Price
PT0608	2.5" O.D.	1	5/8"	1.2	\$12.30
2578-1	2.5" O.D.	1	7/8"	1	\$16.80
PT0706	3.0" O.D.	1	5/8"	1.5	\$17.90
2878-1	3.0" O.D.	1	7/8"	1.5	\$16.80
3458-1	3.5" O.D.	1	5/8"	1.5	\$20.00
3478-1	3.55" O.D.	1	7/8"	1.5	\$20.00
2878-2	3.35" O.D.	2	7/8"	2.5	\$40.00
PT0567	3.5" O.D.	2	1-1/8"	2.5	\$30.00
PT0568	3.5" O.D.	2	1-3/8"	2.5	\$30.00
07098870	4.45" O.D.	2	1-1/8"	4	\$123.00

Sheaves For Bushings

GC07526	4.55" O.D.	2	SH	4.5	\$70.00
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Bushings

Part No.	Description	Shaft	Wt. (LB)	Price
GC07383	SH	1-3/8"	1	\$15.70

24' Unload Equipment

UNLOADING ACCESSORIES 6" 8" & 10"

All kits include all necessary Components including 2 intermediate wells. 6" wells are standard and 8" wells are priced with rollers.
Does not include Motor or Motor Pulley.

PART #	DESCRIPTION	WT.	LIST
GUH61241	6" 1 BELT Drive Horizontal Unload Kit Complete (1 h.p. 3.5" 1 GR.)	211	\$812.00
GUH62241	6" 2 BELT Drive Horizontal Unload Kit Complete (1 h.p. 3.5" 2 GR.)	213	\$880.00
GUH8224R	8" 2 BELT Drive Horizontal Unload Kit Complete (3 h.p. 3.0" 2 GR.)	289	\$1,222.00
**GUH10224R	10" 2 BELT Drive Horizontal Unload Kit Complete (5 h.p. 3.0" 2 GR.)	431	\$1,668.00
GUV6241	6" Vertical Unload Kit Complete (5 h.p. 4.5" 2 GR.)	407	\$2,110.00
GUV8241R	8" Vertical Unload Kit Complete (7.5 h.p. 4.5" 2 GR.)	585	\$2,781.00
**GUV10241R	10" Vertical Unload Kit Complete (10 h.p. 4.0" 3 GR.)	818	\$4,613.00
GUI68241	6" to 8" 25 deg. Inclined Unload Kit Complete (3 h.p. 3.5" 2 GR.)	288	\$1,361.00
GUI81024R	8" to 10" 25 deg. Inclined Unload Kit Complete (5 h.p. 3.5" 2 GR.)	405	\$1,957.00
**GUI101224R	10" to 12" 25 deg. Inclined Unload Kit Complete (5 h.p. 3.0" 2 GR.)	528	\$2,695.00
GBS62400	6" Bin Sweep Auger (1.5 h.p. 2.5" 1 GR.)	63	\$309.00
GBS82400	8" Bin Sweep Auger (2 h.p. 3.0" 1 GR.)	71	\$382.00
GBS10240	10" Bin Sweep Auger (3 h.p. 3.0" 2 GR.)	154	\$796.00
GUH6224P1	6" Horizontal Unload with Power Sweep Kit Complete (3 h.p. 3.5" 2 GR.)	428	\$2,565.00
GUH8224P1	8" Horizontal Unload with Power Sweep Kit Complete (5 h.p. 3.5" 2 GR.)	527	\$2,794.00
**GUH10224P1	10" Horizontal Unload with Power Sweep Kit Complete (7.5 h.p. 3.0" 3 GR.)	705	\$3,438.00
GUV624P1	6" Vertical Unload with Power Sweep Kit Complete (7.5 h.p. 4.5" 2 GR.)	616	\$3,796.00
GUV824P1	8" Vertical Unload with Power Sweep Kit Complete (10 h.p. 4.5" 2 GR.)	813	\$4,377.00
**GUV1024P1	10" Vertical Unload with Power Sweep Kit Complete (15 h.p. 4.0 3 GR.)	1337	\$6,425.00
GUI6824P1	6" to 8" 25 deg. Inclined Unload with Power Sweep Kit (5 h.p. 3.5" 2 GR.)	506	\$3,034.00
GUI81024P1	8" to 10" 25 deg. Inclined Unload with Power Sweep Kit (7.5 h.p. 3.5" 2 GR.)	624	\$3,507.00
**GUI101224P1	10" to 12" 25 deg. Inclined Unload with Power Sweep Kit (10 h.p. 3.0" 2 GR.)	786	\$4,468.00
GW622300	6" Additional band on Thru Well	25	\$75.00
GW822300	8" Additional band on Thru Well	25	\$75.00
GW622350	6" Additional Band on Thru Well with Roller	22	\$113.00
GW822350	8" Additional Band on Thru Well with Roller	23	\$113.00
**GW102115	10" Additional Band on Thru Well with Roller	31	\$129.00

*Recommended Roller Gate wells for bins with eave height above 19'.

6" Kit - To add rollers to wells, add "R" to end of part number and \$115 to Kit Price.

8" Kit - To remove rollers from wells, delete "R" from end of part number and deduct \$104 from Kit Price.

** All 10" Kits include roller gate wells that can be installed under 12" floors.

Motors

Part No.	Description	Phase	Shaft	Wt. (LB)	Price
100-1	1 H.P.	1	5/8"	43	\$254
100-3	1 H.P.	3	7/8"	33	\$272
112-1	1-1/2 H.P.	1	5/8"	52	\$302
112-3	1-1/2 H.P.	3	7/8"	37	\$277
200-1	2 H.P.	1	7/8"	74	\$447
200-3	2 H.P.	3	7/8"	45	\$278
300-1	3 H.P.	1	1-1/8"	96	\$490
300-3	3 H.P.	3	1-1/8"	60	\$329
500-1	5 H.P.	1	1-1/8"	99	\$592
500-3	5 H.P.	3	1-1/8"	81	\$379
712-1	7-1/2 H.P.	1	1-1/8"	142	\$832
712-3	7-1/2 H.P.	3	1-3/8"	125	\$484
1000-1	10 H.P.	1	1-3/8"	160	\$1,101
1000-3	10 H.P.	3	1-3/8"	136	\$588
1500-1	15 H.P.	1	1-5/8"	314	\$2,800
1500-3	15 H.P.	3	1-5/8"	234	\$1,068

Fixed Bore Sheaves

Part No.	Description	Groove	Shaft	Wt. (LB)	Price
PT0608	2.5" O.D.	1	5/8"	1.2	\$12.30
2578-1	2.5" O.D.	1	7/8"	1	\$16.80
2878-1	3.0" O.D.	1	7/8"	1.5	\$16.80
3458-1	3.5" O.D.	1	5/8"	1.5	\$20.00
3478-1	3.55" O.D.	1	7/8"	1.5	\$20.00
3478-2	3.55" O.D.	2	7/8"	3	\$43.00
PT0563	3.0" O.D.	2	1-1/8"	1.5	\$30.00
PT0567	3.5" O.D.	2	1-1/8"	2.5	\$30.00
PT0568	3.5" O.D.	2	1-3/8"	2.5	\$30.00
07098870	4.45" O.D.	2	1-1/8"	4	\$123.00
PT0585	3.0" O.D.	3	1-1/8"	2.5	\$54.00
PT0586	3.0" O.D.	3	1-3/8"	2.5	\$62.00

Sheaves For Bushings

GC07526	4.55" O.D.	2	SH	4.5	\$70.00
PT0639	4.0" O.D.	3	SH	4	\$60.00

Bushings

Part No.	Description	Shaft	Wt. (LB)	Price
GC07383	SH	1-3/8"	1	\$15.70
GC07550	SH	1-5/8"	2	\$19.30

30' Unload Equipment

UNLOADING ACCESSORIES 8" & 10"

All kits include all necessary Components including 2 intermediate wells with rollers. Does not include Motor or Motor Pulley

PART #	DESCRIPTION	WT.	LIST
GUH8230R	8" 2 BELT Drive Horizontal Unload Kit Complete (5 h.p. 3.0" 2 GR.)	324	\$1,318.00
**GUH10230R	10" 2 BELT Drive Horizontal Unload Kit Complete (5 h.p. 3.0" 2 GR.)	476	\$1,789.00
GUV8301R	8" Vertical Unload Kit Complete (7.5 h.p. 4.5" 2 GR.)	620	\$2,878.00
**GUV10301R	10" Vertical Unload Kit Complete (10 h.p. 4.0" 3 GR.)	863	\$4,734.00
GUI81030R	8" to 10" 25 deg. Inclined Unload Kit Complete (7.5 h.p. 3.5" 2 GR.)	440	\$2,053.00
**GUI101230R	10" to 12" 25 deg. Inclined Unload Kit Complete (7.5 h.p. 3.0" 2 GR.)	573	\$2,816.00
GBS63000	6" Bin Sweep Auger (2 h.p. 2.5" 1 GR.)	78	\$363.00
GBS83000	8" Bin Sweep Auger (2 h.p. 3.0" 1 GR.)	84	\$428.00
GBS10300	10" Bin Sweep Auger (3 h.p. 3.0" 2 GR.)	175	\$859.00
GUH8230P1	8" Horizontal Unload with Power Sweep Kit Complete (5 h.p. 3.5" 2 GR.)	580	\$2,910.00
**GUH10230P1	10" Horizontal Unload with Power Sweep Kit Complete (7.5 h.p. 3.0" 3 GR.)	791	\$3,580.00
GUV830P1	8" Vertical Unload with Power Sweep Kit Complete (10 h.p. 4.5" 2 GR.)	866	\$4,492.00
**GUV1030P1	10" Vertical Unload with Power Sweep Kit Complete (15 h.p. 4.0" 3 GR.)	1419	\$6,567.00
GUI81030P1	8" to 10" 25 deg. Inclined Unload with Power Sweep Kit (7.5 h.p. 3.5" 2 GR.)	677	\$3,622.00
**GUI101230P1	10" to 12" 25 deg. Inclined Unload with Power Sweep Kit (10 h.p. 3.0" 2 GR.)	872	\$4,609.00
GW822300	8" Additional band on Thru Well	25	\$75.00
GW822350	8" Additional Band-On Thru Well w/ Roller	23	\$113.00
**GW102115	10" Additional band on Thru Well w/ Roller	31	\$129.00

*Recommended Roller Gate wells for bins with eave height above 19'.

8" Kit - Delete "R" from end of part number and deduct \$104 from Kit Price.

** All 10" Kits include roller gate wells that can be installed under 12" floors.

Motors

Part No.	Description	Phase	Shaft	Wt. (LB)	Price
200-1	2 H.P.	1	7/8"	74	\$447
200-3	2 H.P.	3	7/8"	45	\$278
300-1	3 H.P.	1	1-1/8"	96	\$490
300-3	3 H.P.	3	1-1/8"	60	\$329
500-1	5 H.P.	1	1-1/8"	99	\$592
500-3	5 H.P.	3	1-1/8"	81	\$379
712-1	7-1/2 H.P.	1	1-1/8"	142	\$832
712-3	7-1/2 H.P.	3	1-3/8"	125	\$484
1000-1	10 H.P.	1	1-3/8"	160	\$1,101
1000-3	10 H.P.	3	1-3/8"	136	\$588
1500-1	15 H.P.	1	1-5/8"	314	\$2,800
1500-3	15 H.P.	3	1-5/8"	234	\$1,068

Fixed Bore Sheaves

Part No.	Description	Groove	Shaft	Wt. (LB)	Price
2578-1	2.5" O.D.	1	7/8"	1	\$16.80
2878-1	3.0" O.D.	1	7/8"	1.5	\$16.80
PT0563	3.0" O.D.	2	1-1/8"	1.5	\$30.00
PT0567	3.5" O.D.	2	1-1/8"	2.5	\$30.00
PT0568	3.5" O.D.	2	1-3/8"	2.5	\$30.00
07098870	4.45" O.D.	2	1-1/8"	4	\$123.00
PT0585	3.0" O.D.	3	1-1/8"	2.5	\$54.00
PT0586	3.0" O.D.	3	1-3/8"	2.5	\$62.00

Sheaves For Bushings

GC07526	4.55" O.D.	2	SH	4.5	\$70.00
PT0639	4.0" O.D.	3	SH	4	\$60.00

Bushings

Part No.	Description	Shaft	Wt. (LB)	Price
GC07383	SH	1-3/8"	1	\$15.70
GC07550	SH	1-5/8"	2	\$19.30

36' Unload Equipment

UNLOADING ACCESSORIES 8" & 10"

All kits include all necessary Components including 3 intermediate wells with rollers. Does not include Motor or Motor Pulley

PART #	DESCRIPTION	WT.	LIST
GUH8236R	8" 2 BELT Drive Horizontal Unload Kit Complete (5 h.p. 3.0" 2 GR.)	362	\$1,537.00
**GUH10236R	10" 2 BELT Drive Horizontal Unload Kit Complete (7.5 h.p. 3.0" 2 GR.)	521	\$2,044.00
GUV8361R	8" Vertical Unload Kit Complete (10 h.p. 4.5" 2 GR.)	658	\$3,096.00
GUV10361R	10" Vertical Unload Kit Complete (15 h.p. 4.0" 3 GR.)	908	\$4,990.00
GUI81036R	8" to 10" 25 deg. Inclined Unload Kit Complete (7.5 h.p. 3.5" 2 GR.)	478	\$2,271.00
**GUI101236R	10" to 12" 25 deg. Inclined Unload Kit Complete (7.5 h.p. 3.0" 2 GR.)	618	\$3,071.00
GBS63600	6" Bin Sweep Auger (2 h.p. 2.5" 1 GR.)	91	\$403.00
GBS83600	8" Bin Sweep Auger (2 h.p. 3.0" 1 GR.)	97	\$474.00
GBS10360	10" Bin Sweep Auger (3 h.p. 3.0" 2 GR.)	200	\$923.00
GUH8236P1	8" Horizontal Unload with Power Sweep Kit Complete (5 h.p. 3.5" 2 GR.)	655	\$3,142.00
**GUH10336P1	10" Horizontal Unload with Power Sweep Kit Complete (10 h.p. 3.0" 3 GR.)	890	\$3,503.00
GUV836P1	8" Vertical Unload with Power Sweep Kit Complete (10 h.p. 4.5" 2 GR.)	941	\$4,724.00
**GUV1036P1	10" Vertical Unload with Power Sweep Kit Complete (15 h.p. 4.0" 3 GR.)	1744	\$6,910.00
GUI81036P1	8" to 10" 25 deg. Inclined Unload with Power Sweep Kit (7.5 h.p. 3.5" 2 GR.)	752	\$3,854.00
**GUI101236P1	10" to 12" 25 deg. Inclined Unload with Power Sweep Kit (15 h.p. 3.75" 3 GR.)	971	\$4,919.00
GW822300	8" Additional band on Thru Well	25	\$75.00
GW822350	8" Additional Band-On Thru Well w/ Roller	23	\$113.00
**GW102115	10" Additional band on Thru Well w/ Roller	31	\$129.00

*Recommended Roller Gate wells for bins with eave height above 19'.

8" Kit - Delete "R" from end of part number and deduct \$142 from Kit Price.

** All 10" Kits include roller gate wells that can be installed under 12" floors.

Motors

Part No.	Description	Phase	Shaft	Wt. (LB)	Price
200-1	2 H.P.	1	7/8"	74	\$447
200-3	2 H.P.	3	7/8"	45	\$278
300-1	3 H.P.	1	1-1/8"	96	\$490
300-3	3 H.P.	3	1-1/8"	60	\$329
500-1	5 H.P.	1	1-1/8"	99	\$592
500-3	5 H.P.	3	1-1/8"	81	\$379
712-1	7-1/2 H.P.	1	1-1/8"	142	\$832
712-3	7-1/2 H.P.	3	1-3/8"	125	\$484
1000-1	10 H.P.	1	1-3/8"	160	\$1,101
1000-3	10 H.P.	3	1-3/8"	136	\$588
1500-1	15 H.P.	1	1-5/8"	314	\$2,800
1500-3	15 H.P.	3	1-5/8"	234	\$1,068

Fixed Bore Sheaves

Part No.	Description	Groove	Shaft	Wt. (LB)	Price
2578-1	2.5" O.D.	1	7/8"	1	\$16.80
2878-1	3.0" O.D.	1	7/8"	1.5	\$16.80
PT0563	3.0" O.D.	2	1-1/8"	1.5	\$30.00
PT0567	3.5" O.D.	2	1-1/8"	2.5	\$30.00
PT0568	3.5" O.D.	2	1-3/8"	2.5	\$30.00
PT0585	3.0" O.D.	3	1-1/8"	2.5	\$54.00
PT0586	3.0" O.D.	3	1-3/8"	2.5	\$62.00

Sheaves For Bushings

GC07526	4.55" O.D.	2	SH	4.5	\$70.00
GC07382	3.75" O.D.	3	SH	6	\$62.00
PT0639	4.0" O.D.	3	SH	4	\$60.00

Bushings

Part No.	Description	Shaft	Wt. (LB)	Price
GC07383	SH	1-3/8"	1	\$15.70
GC07550	SH	1-5/8"	2	\$19.30

Quoting Information And Quote Forms

Top Dry Construction Labor Costs

To estimate Labor cost for constuction of top Dry Bins take the list price times 10%. This would not include electrical or extra millwright work. This calculation is an estimate only. Installation may vary based on local conditions, equipment, and experience. GSI assumes no liability for results arising from the use of these estimates.



Concrete Yardage

Bin Diameter	Number of Rings						
	5	6	7	8	9	10	11
21'	11	11	12	12			
24'	13	13	15	15	17	18	
30'	19	19	20	21	23	25	29
36'	24	26	28	30	32	36	40

Concrete yardage is based on 3,000 psf soil bearing capacity.

Note: All values shall be construed as estimates only. The actual installation may vary according to local conditions, equipment and experience. Grain Systems, Inc. assumes no liability for results arising from the use of such estimates.

Top Dry Price Catalog

Comparisons

	Elevator	Top Dry Batch	Top Dry Autoflow
Model	***	30' 8 Ring	30' 8 Ring
Fans	***	(2) 36" 15hp	(2) 40" 15hp
Drying Capacity (10% Moisture Removal)	***	704 bu / hr	939 bu / hr
Fill Time (1,600 bu / hr)	***	56 Minutes	***
Wait Time at Elevator	5 Minutes to 3 hours	***	***
Storage Capacity 1	Unlimited	13,951 bu	13,296 bu
Estimated List Price 2	***	\$64,891.00	\$77,233.00
Estimated Construction 3	***	\$4,260.00	\$4,260.00
Estimated Concrete & Labor (\$110 per Cubic Yard)		\$2,860.00	\$2,860.00
Estimated Electrical Costs 4		\$1,280.00	\$2,960.00
Estimated Crane Costs 5		\$200.00	\$200.00
Load Auger		\$6,010.00	\$6,010.00
		\$79,501.00	\$93,523.00

Example: Based on 800 acres @ 170 bu / arce = 136,000 bu

	Elevator	Top Dry Batch	Top Dry Autoflow
Drying Time (16 Hour Days)	***	16.5 days 6	9.5 days
Drying Costs (136,000 bu @ 10% Removal)	\$27,200.00 (.20/bu)	\$8,429.00 7	\$8,292.00 7
Storage Costs (For 6 Months) 8	\$2,460.00	***	***
	\$29,660.00	\$8,429.00	\$8,292.00

Note: All estimations are used as examples only. GSI assumes no liability for results arising from the use of such estimates.

1. Maximum Storage Capacity
2. List price of Top Dry effective June 4th 2000.
3. Construction costs are based on 284 hours @ \$15/hr.
4. Electrical costs can vary. Cost is based on \$40/hr.

5. Crane costs to lift fans to platform are based on \$100/hr./fan.
6. Dry time includes fill time.
7. 60¢/gallon LP, 9.95¢/kW*hr for 1st 1000kW*hr & 7.68¢/kW*hr thereafter.
8. 13,296 Bu. for 14¢/Bu. for 1st 90 days, 1.5¢ for each additional 30 days.

Manual Batch Quote

Quoting a Maxim Top Dry - Batch

On the following page is a Top Dry Maxim Manual Batch quotation form. Every quote should include information needed for installing a complete system; or, for the expansion of an existing system. To do a quote you need to know the following:

* Storage Capacity Needed (bin diameter and number of rings)

* Drying Capacity

* Size and Number of Fan and Heaters

* Electrical sources - 220v1ph 60hz
 230v3ph 60hz
 380v3ph 50hz
 460v3ph 60hz
 575v3ph 60hz

* Type of Grain Being Dried

* Fuel Source - LP
 NG
 Diesel

* Fan Platforms or Ducting

* Stairs or Ladders

* Unloading Equipment

* Total Cost and Shipping Weight

* Estimated Construction Costs

Manual Batch Quote

Customer Name _____ Quote Date ____/____/____

Address _____

City _____ State _____ Zip _____

Phone (____) _____

Qty.	Item Number	Description	Weight	Price
_____	TBS_____ - _____	Top Dry System, _____' Diameter, _____ Rings, for _____ Fan(s)		
_____	TF-1324	Top Dry Series 2000 Control Center		
_____	TD-10_____	Top Dry Platform or Duct Package		
_____	TFS_____ - _____	Aeration Floor System for _____' Diameter _____ Ring Bin		
_____	2TF-_____ - _____	M Top Dry Series 2000 Fan/Heater #1 - Master		
_____	2TF-_____ - _____	S Top Dry Series 2000 Fan/Heater #1 - Slave		
_____	D01-_____ - _____	Fuel Pump _____ h.p. _____ Voltage (Diesel Units Only)		
_____	D02-_____ - _____	Air Compressor _____ h.p. _____ Voltage (Diesel Units Only)		
_____	MIS-_____	Roof Vents Unassembled (Box of Five)		
_____	MIS-_____	Roof Vents Assembled		
_____	TD-100_____	Fan Entrance Sheet for _____" Fan on a _____' Bin		
_____	TCS-_____ - _____	Aeration System _____ h.p. _____ Phase		
_____		Unload Component _____		
_____		Unload Component _____		
_____		Unload Component _____		
_____		Unload Component _____		
_____		Miscellaneous Item _____		
_____		Miscellaneous Item _____		
_____		Miscellaneous Item _____		

		Construction Costs	_____	_____
		Concrete Costs	_____	_____
		Electrical Costs	_____	_____
		Crane Costs (1 hr / Fan)	_____	_____
		Totals	_____	_____

Autoflow Quote

Quoting a Maxim Top Dry - Autoflow

On the following page is a Top Dry Maxim Autoflow quotation form. Every quote should include information needed for installing a complete system; or, for the expansion of an existing system. To do a quote you need to know the following:

* Storage Capacity Needed (bin diameter and number of rings)

* Drying Capacity

* Horsepower and Quantity of Fill Systems Used

* Size and Number of Fan and Heaters

* Electrical sources - 220v1ph 60hz
 230v3ph 60hz
 380v3ph 50hz
 460v3ph 60hz
 575v3ph 60hz

* Type of Grain Being Dried

* Fuel Source - LP
 NG
 Diesel

* Fan Platforms or Ducting

* Stairs or Ladders

* Unloading Equipment

* Total Cost and Shipping Weight

* Estimated Construction Costs

Autoflow Quote

Customer Name _____ Quote Date ____/____/____

Address _____

City _____ State _____ Zip _____

Phone (____) _____

Qty.	Item Number	Description	Weight	Price
_____	TAS____-____-____	Top Dry System, ____' Diameter, ____ Rings, for ____ Fan(s)		
_____	TF-1270	Fill System Control Box		
_____	TF-____-____	Starter for Fill System #1 ____ h.p. ____ Voltage		
_____	TF-____-____	Starter for Fill System #2 ____ h.p. ____ Voltage		
_____	TF-____-____	Starter for Aeration Fan ____ h.p. ____ Voltage		
_____	TD-10	Top Dry Platform or Duct Package		
_____	TFS____-____	Aeration Floor System for ____' Diameter ____ Ring Bin		
_____	2TF-____-____M	Top Dry Series 2000 Fan/Heater #1 - Master		
_____	2TF-____-____S	Top Dry Series 2000 Fan/Heater #1 - Slave		
_____	D01-____-____	Fuel Pump ____ h.p. ____ Voltage (Diesel Units Only)		
_____	D02-____-____	Air Compressor ____ h.p. ____ Voltage (Diesel Units Only)		
_____	MIS-____	Roof Vents Unassembled (Box of Five)		
_____	MIS-____	Roof Vents Assembled		
_____	TD-100	Fan Entrance Sheet for ____" Fan on a ____' Bin		
_____	TCS-____-____	Aeration System ____ h.p. ____ Phase		
_____		Unload Component _____		
_____		Unload Component _____		
_____		Unload Component _____		
_____		Unload Component _____		
_____		Miscellaneous Item _____		
_____		Miscellaneous Item _____		
_____		Miscellaneous Item _____		

Construction Costs _____

Concrete Costs _____

Electrical Costs _____

Crane Costs (1 hr / Fan) _____

Totals _____

Top Dry Quote Request Form

Name: _____	Date: _____
Phone Number: _____	Fax Number: _____
E-Mail: _____	

Commodity		
Corn ☐	Sunflower ☐	Soybeans ☐
Wheat ☐	Sorghum ☐	Other ☐

Drying Conditions	Capacity
Average Incoming Moisture %: _____	Drying Capacity / hr: _____
Desired Final Moisture %: _____	Drying Capacity / day: _____
Maximum Drying Temperature: _____	Storage Capacity: _____

Dryer Type	
Autoflow: ☐	Batch: ☐

Fuel Supply	Electrical Supply
Natural Gas ☐	LP ☐
VP ☐	Voltage: _____
	Frequency: _____

Misc.		
Maximum Height: _____	Fill System #1 HP: _____	
Maximum Diameter: _____	Fill System #2 HP: _____	
Ladders ☐	Stairs ☐	Duct Work ☐
6" Unload ☐	8" Unload ☐	10" Unload ☐

Autoflow Conversion Price Lists and Weights (GSI Only)

Autoflow Conversions

Manual Batch to Autoflow Conversion

* The Autoflow Control System can only be connected to the Series 2000 line of GSI Fan and Heater units. If a prior model of Fan and Heater unit is installed on the Manual Batch System being converted, a replacement Fan and Heater unit must be purchased (see pages 28 and 29).

* The number of floor sheets installed in the Manual Batch System being converted must be known before quoting. The Autoflow Conversion Kit required depends on the number of floor sheets.

* Due to higher airflow, the number of roof vents may need to be increased before the Manual Batch System can be converted to an Autoflow System. Consult the chart detailing the minimum roof vents required (see page 30).

* A Fill System Control Box, Fill System motor starters, and Aeration Fan motor starters need to be purchased if the Autoflow will be controlling the Fill System(s), and Aeration Fan (see pages 20 and 21).

Components Required for Conversion

To convert a GSI Top Dry from a Manual Batch System to an Autoflow System the following components must be purchased:

- * Autoflow Control System
- * Fill System Control Box
- * Fill System, and Aeration Fan motor Starters
- * Fan and Heater unit(s) - if required
- * Rotary Switches
- * Autoflow Conversion Kit

NOTE: Autoflow conversions are only available for GSI Top Dry Maxim, and GSI Top Dry Non-Maxim Manual Batch Systems. No conversions are available for NON GSI SYSTEMS.

Autoflow Control System

Includes: Autoflow control box and dump chute actuator. This control is for direct connection to GSI Drying Systems Series 2000 Fan and Heater units. Control is capable of running in batch or continuous flow mode. Control will run up to 2 drying fans and 1 cooling fan. Autoflow Control System will independently control 2 fill systems. Motor starters for aeration fans and fill systems are not included and must be priced separately. Actuator is 24 volt screw type and will not operate separate of control. Two (2)-12 volt lawn and garden batteries are required to run the system and are not available at GSI. Does not include rotary switches.

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
2TAF-6140	18' Autoflow Control Complete	250	114	\$9,558.00
2TAF-6141	21' Autoflow Control Complete	250	114	\$9,558.00
2TAF-6142	24' Autoflow Control Complete	250	114	\$9,558.00
2TAF-6143	27' Autoflow Control Complete	250	114	\$9,558.00
2TAF-6144	30' Autoflow Control Complete	250	114	\$9,558.00
2TAF-6145	36' Autoflow Control Complete	250	114	\$9,558.00

Autoflow Grain Sampler

Allows for the collection of a grain sample as the Autoflow discharges.

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TD-100762	Autoflow Grain Sampler (less PVC pipe)	51	23	\$653.00
FLX-2427	PVC Pipe (12' Section)	5	2	\$18.90
FLX-2539	MODEL 350 PVC COUPLER	1	0	\$5.46

NOTE: Autoflow conversions are only available for GSI Top Dry Maxim, and GSI Top Dry Non-Maxim Manual Batch Systems. No conversions are available for NON GSI SYSTEMS.

Rotary Switch Usage Chart

All five rotary switches are required to for automated operation of the Autoflow units.

	Wet Supply	Storage Chamber	Drying Chamber Low Level	Drying Chamber High Level	Drying Chamber Overflow
18' GSI Top Dry	TAF-6106	TAF-6106	TAF-6100	TAF-6099	TAF-6105
21' GSI Top Dry	TAF-6106	TAF-6106	TAF-6100	TAF-6099	TAF-6105
24' GSI Top Dry	TAF-6106	TAF-6106	TAF-6100	TAF-6099	TAF-6105
27' GSI Top Dry	TAF-6106	TAF-6106	TAF-6100	TAF-6101	TAF-6105
30' GSI Top Dry	TAF-6106	TAF-6106	TAF-6100	TAF-6101	TAF-6105
36' GSI Top Dry	TAF-6106	TAF-6106	TAF-6100	TAF-6103	TAF-6105

Rotary Switches

Five (5) rotary switches are required to control grain levels in Autoflow Top Dry Unit. These include the wet supply switch, storage chamber hi-limit, drying chamber hi-limit, drying chamber lo-limit, and drying chamber over flow.

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TAF-6106	Wall Mount (Storage Chamber and Wet Supply)	10	5	\$812.00
TAF-6105	Roof Mount (Drying Chamber Overflow)	9	4	\$804.00
TAF-6099	Roof Mount w/Extension (18'-24' Chamber Hi-Limit)	11	5	\$812.00
TAF-6101	Roof Mount w/Extension (27'-30' Chamber Hi-Limit)	12	5	\$812.00
TAF-6103	Roof Mount w/Extension (36' Chamber Hi-Limit)	10	5	\$808.00
TAF-6100	Roof Mount w/Extension (18'-36' Chamber Lo-Limit)	17	7	\$824.00

NOTE: Autoflow conversions are only available for GSI Top Dry Maxim, and GSI Top Dry Non-Maxim Manual Batch Systems. No conversions are available for NON GSI SYSTEMS.

Conversion Kits for Non-Maxim Top Dry Units

Includes: additional leveling bands if needed, cover sheets for intermediate hoppers, and necessary hardware.

NOTE: Please count floor sheets before ordering.

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TAF-6055	Conv. Kit for 18' Non-Maxim GSI Top Dry w/ 24 Floor Sheets	185	84	\$1,352.00
TAF-6056	Conv. Kit for 21' Non-Maxim GSI Top Dry w/ 28 Floor Sheets	215	98	\$1,560.00
TAF-6057	Conv. Kit for 24' Non-Maxim GSI Top Dry w/ 32 Floor Sheets	246	112	\$1,662.00
TAF-6058	Conv. Kit for 27' Non-Maxim GSI Top Dry w/ 36 Floor Sheets	320	145	\$2,302.00
TAF-6059	Conv. Kit for 30' Non-Maxim GSI Top Dry w/ 40 Floor Sheets	351	159	\$2,706.00
TAF-6060	Conv. Kit for 36' Non-Maxim GSI Top Dry w/ 48 Floor Sheets	930	422	\$4,928.00

Conversion Kits for Maxim Top Dry Units

Includes: additional leveling bands if needed, cover sheets for intermediate hoppers, and necessary hardware.

NOTE: Please count floor sheets before ordering.

Part Number	Description	Weight (lbs.)	Weight (kgs.)	List Price
TAF-6156	Conv. Kit for 18' Maxim GSI Top Dry w/ 18 Floor Sheets	175	79	\$853.00
TAF-6157	Conv. Kit for 21' Maxim GSI Top Dry w/ 21 Floor Sheets	201	91	\$1,004.00
TAF-6158	Conv. Kit for 24' Maxim GSI Top Dry w/ 24 Floor Sheets	227	103	\$1,104.00
TAF-6155	Conv. Kit for 27' Maxim GSI Top Dry w/ 27 Floor Sheets	297	135	\$1,305.00
TAF-6154	Conv. Kit for 30' Maxim GSI Top Dry w/ 30 Floor Sheets	323	147	\$1,407.00
TAF-6159	Conv. Kit for 36' Maxim GSI Top Dry w/ 36 Floor Sheets	436	198	\$1,758.00

NOTE: Autoflow conversions are only available for GSI Top Dry Maxim, and GSI Top Dry Non-Maxim Manual Batch Systems. No conversions are available for NON GSI SYSTEMS.



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