



MIXED FLOW

GRAIN DRYERS

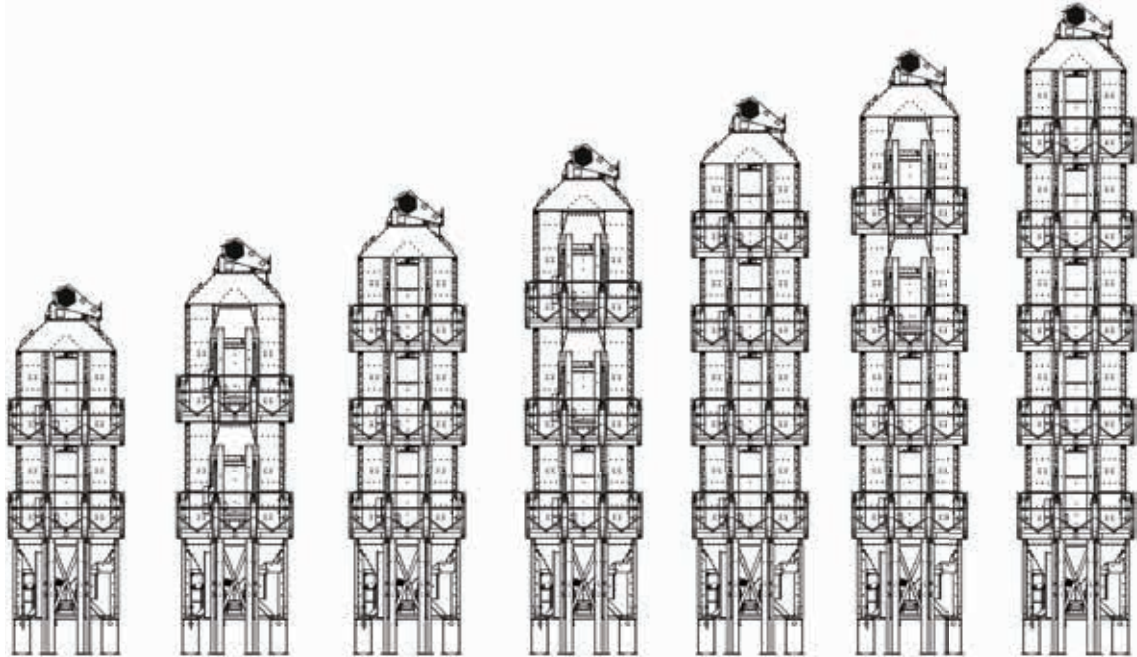
MAKE MORE

When it Matters Most

GSI

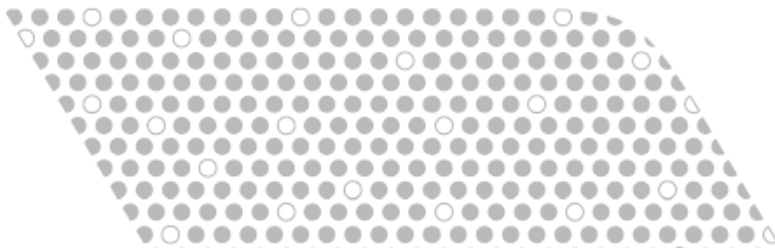
Take control.

MODEL OVERVIEW



TIERS	8 TIER	10 TIER	12 TIER	14 TIER	16 TIER	18 TIER	20 TIER
GRAIN COLUMN HOLDING CAPACITY RANGE (BU.)	736 - 1,478	920 - 1,847	1,104 - 2,217	1,288 - 2,586	1,472 - 2,956	1,656 - 3,325	1,840 - 3,695
APPROX. DRYING CAPACITY (FULL HEAT 20%-15%)*	1,060 - 1,930 BPH	1,330 - 2,300 BPH	1,580 - 2,900 BPH	1,890 - 3,260 BPH	2,130 - 3,890 BPH	2,380 - 4,230 BPH	2,630 - 4,830 BPH
DRYING MODES	Dry/Cool, All Heat, Continuous Flow	Dry/Cool, All Heat, Continuous Flow	Dry/Cool, All Heat, Continuous Flow	Dry/Cool, All Heat, Continuous Flow	Dry/Cool, All Heat, Continuous Flow	Dry/Cool, All Heat, Continuous Flow	Dry/Cool, All Heat, Continuous Flow

★ - Grain discharged hot from the dryer will result in a final moisture content of 15% after cooling in the bin.





MIXED FLOW GRAIN DRYERS

With no screens to clean, Mixed Flow Grain Dryers reduce downtime while maintaining capacity.

Mixed Flow Dryers utilize centrifugal fans for high efficiency drying.

Lower airflow rates maximize grain quality and improve fuel efficiency.

Independently controlled modules allow for multi-zone temperature as well as the ability to run full heat or dry/cool modes.

Modular design grows with your operation.

Available in LP and natural gas.

CENTRIFUGAL FAN

Double wheel, dual inlet centrifugal fans with aluminum blades are whisper quiet. Optional axial fans are also available for Mixed Flow Dryers.

HIGH EFFICIENCY BURNER

Provides even heat distribution and maximum airflow to the dryer's plenum. Features include easy-to-adjust vaporizer, large service access door, burner view window and oil-filled gas pressure gauges.

Standard on/off Fire offers a wider range of plenum temp control down to five degrees above ambient temperature for wheat and other temperature-sensitive grains.



SLOW DRY TIMES

Lower airflow rates in Mixed Flow Dryers dry grain slowly to preserve quality. The Mixed Flow drying sections introduce drying air throughout the grain column for even drying.

OPTIMIZED AIRFLOW

Airflow is sized to match the drying section to achieve consistent airflow and capacity. Additional benefits include high air flow across a wide static pressure range, quiet operation and reduced energy cost.

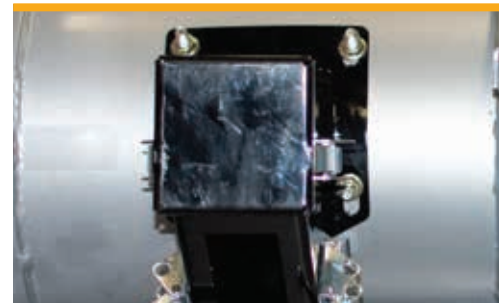
EVEN HEAT AND GRAIN QUALITY

High/Low fire cycling helps maintain a uniform plenum temperature. Each plenum chamber also has an air-mixing chamber to thoroughly mix the air and heat.



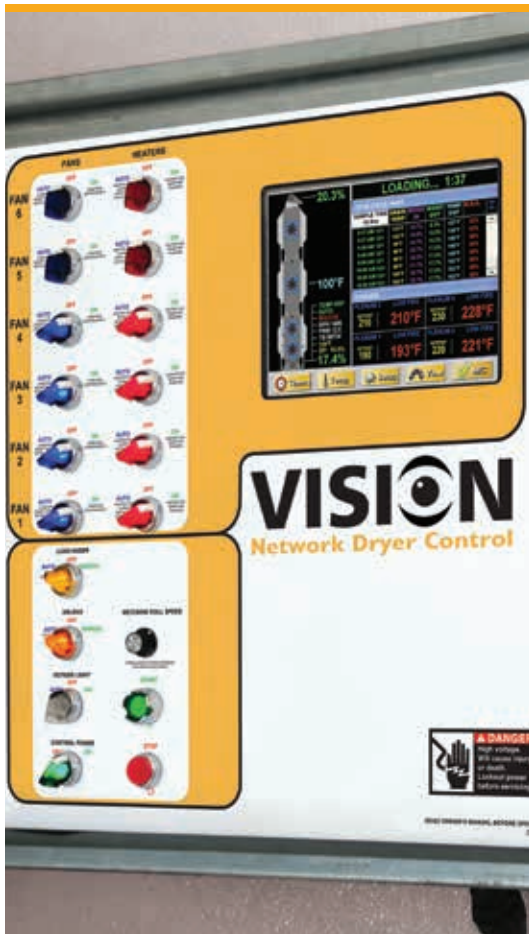
STANDARD DRAG CONVEYOR UNLOAD

7" metering rolls on each side of dryer move grain to a drag discharge conveyor to unload smoothly and gently from your dryer to your handling system. When grain quality is poor or debris is present, adjustable flow gates allow custom control of grain volume in each column for consistent drying.



STATIC MOISTURE SAMPLER

Sample grain when the grain is static and not flowing through the unload. A reading is taken once per minute and the dryer automatically adjusts to provide optimal results.



VISION NETWORK DRYER CONTROL

Take the guesswork out of operating your GSI dryer. Simply input the incoming moisture of the grain, desired outgoing moisture and grain type and press start. Vision Auto-Start will manage and control the pre-drying of the grain and stage the operation of the dryer.





With a quick glance, you can see the status of the augers, fans and heaters on an easy-to-read touchscreen. On-screen temp and moisture-based controls let you manage plenum and grain temperatures easily.

FEATURES:

- 10.4" TFT color touch screen
- 32-Bit microprocessor control
- Standard with 13 different language capabilities, including English, Spanish, French, German, Russian, Polish, Portuguese, Dutch, Danish, Bulgarian, Czech, Hungarian and Romanian
- Plenum temperature manager
- Shut-downs logged with time and date
- Safety disconnect and low voltage safety circuit

GSI CONNECT™

With GSI Connect you can monitor and manage your dryer from the combine, truck, or even in bed.

- 
MONITOR REMOTELY See the status, adjust set points, change unload speeds, monitor performance, and more from anywhere.
- 
REDUCE DOWNTIME Get alerted to errors or stoppages to quickly address potential issues.
- 
OPTIMIZE PERFORMANCE Save time and money with remote diagnostics to keep your dryer its best.
- 
MAXIMIZE PROFIT Take control this harvest and get more from what you worked hard to produce.



1600 SERIES

	1608	1610	1612	1614	1616	1618	1620
DRYING CAPACITY (BPH), SHELLED CORN ¹							
DRY AND COOL 30% TO 15%	340	460	470	700	750	800	910
DRY AND COOL 25% TO 15%	440	590	730	900	960	1,030	1,160
DRY AND COOL 20% TO 15%	710	960	1,180	1,450	1,550	1,670	1,890
FULL HEAT 30% TO 15% ²	590	750	890	1,060	1,190	1,340	1,470
FULL HEAT 25% TO 15% ²	70	900	1,060	1,270	1,430	1,600	1,770
FULL HEAT 20% TO 15% ²	1,060	1,330	1,580	1,890	2,130	2,380	2,630
TOTAL HOLDING CAP. (AUGER FILL)							
TOTAL HOLDING CAP. (GRAVITY FILL)	1,037	1,221	1,405	1,589	1,773	1,957	2,141
TOTAL HOLDING CAP. (GRAVITY FILL)							
TOTAL HOLDING CAP. (GRAVITY FILL)	1,048	1,232	1,416	1,600	1,784	1,968	2,152
GRAIN COLUMN HOLDING CAP. (BU.)							
GRAIN COLUMN HOLDING CAP. (BU.)	736	920	1,104	1,288	1,472	1,656	1,840
TOP AUGER (LOADING)							
TOP AUGER (LOADING)	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP
DISCHARGE CONVEYOR (UNLOADING)							
DISCHARGE CONVEYOR (UNLOADING)	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP
METER ROLL DRIVE							
METER ROLL DRIVE	(2) 1/3 HP	(2) 1/3 HP	(2) 1/3 HP	(2) 1/3 HP	(2) 1/3 HP	(2) 1/3 HP	(2) 1/3 HP
INSTALLED LENGTH							
INSTALLED LENGTH	27'9"	27'9"	27'9"	27'9"	27'9"	27'9"	27'9"
INSTALLED WIDTH							
INSTALLED WIDTH	9'2"	9'2"	9'2"	9'2"	9'2"	9'2"	9'2"
INSTALLED HEIGHT (AUGER)							
INSTALLED HEIGHT (AUGER)	31'5"	35'5"	39'5"	43'5"	47'5"	51'5"	55'5"
INSTALLED HEIGHT (GRAVITY FILL)							
INSTALLED HEIGHT (GRAVITY FILL)	32'3"	36'3"	40'3"	44'3"	48'3"	52'3"	56'3"
HEATERS [MAX BTU] [mmBTU]							
HEATERS [MAX BTU] [mmBTU]	10.5	13.4	15.7	18.7	21	23.9	26.2
FANS (AXIAL)							
FANS (AXIAL)	(2) 15 HP★	(2) 20 HP	(3) 15 HP★	(2) 20 HP	(4) 15 HP★	(2) 20 HP	(5) 15 HP★
				(1) 15 HP		(2) 15 HP	
FANS (CENTRIFUGAL)							
FANS (CENTRIFUGAL)	(2) 15 HP★	(2) 30 HP	(3) 15 HP★	(2) 30 HP	(4) 15 HP★	(2) 30 HP	(5) 15 HP★
				(1) 15 HP		(2) 15 HP	
FULL LOAD AMPS (FAN(S), LOAD AUGER, DISCHARGE CONVEYOR) ³							
SINGLE PHASE, 220 V.	190	N/A	260	N/A	330	N/A	445
THREE PHASE, 208 V.	132	163	179	211	226	259	273
THREE PHASE, 230 V.	119	147	162	191	205	234	247
THREE PHASE, 460 V.	60	74	81	96	102	117	124
THREE PHASE, 575 V.	48	59	65	77	82	94	99

1 Capacities listed are wet bushels, for mature unfrozen #2 yellow shelled dent corn at listed moisture content and are estimates based on drying principles, field results and computer simulation. Variance may occur due to grain's physiological factors (kernel size, chemical composition, variety, maturity), excessive fines, adverse weather conditions, etc.

2 Grain discharged hot from the dryer will result in a final moisture content of 15% after cooling in the bin.

3 Full Load Amps: Fan(s) & Dryer Load & Unload motor name plate amperages + 5 for control & VFD load.

★ Available in single phase.

2400 SERIES

	2408	2410	2412	2414	2416	2418	2420
DRYING CAPACITY (BPH), SHELLED CORN ¹							
DRY AND COOL 30% TO 15%	490	640	810	960	1,070	1,120	1,300
DRY AND COOL 25% TO 15%	630	820	1,040	1,230	1,360	1,440	1,660
DRY AND COOL 20% TO 15%	1,020	1,330	1,690	2,000	2,220	2,340	2,700
FULL HEAT 30% TO 15% ²	850	1,040	1,270	1,460	1,730	1,880	2,110
FULL HEAT 25% TO 15% ²	1,020	1,250	1,520	1,750	2,080	2,260	2,530
FULL HEAT 20% TO 15% ²	1,510	1,850	2,260	2,610	3,090	3,360	3,770
TOTAL HOLDING CAP. (AUGER FILL)							
TOTAL HOLDING CAP. (GRAVITY FILL)	1,564	1,840	2,116	2,392	2,668	2,944	3,220
GRAIN COLUMN HOLDING CAP. (BU.)	1,611	1,887	2,163	2,439	2,715	2,991	3,267
GRAIN COLUMN HOLDING CAP. (BU.)	1,104	1,380	1,656	1,932	2,208	2,484	2,760
TOP AUGER (LOADING)	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP
DISCHARGE CONVEYOR (UNLOADING)	10 HP	10 HP	10 HP	10 HP	10 HP	10 HP	10 HP
METER ROLL DRIVE	(2) 1/3 HP	(2) 1/3 HP	(2) 1/3 HP	(2) 1/3 HP	(2) 1/3 HP	(2) 1/3 HP	(2) 1/3 HP
INSTALLED LENGTH	35'9"	35'9"	35'9"	35'9"	35'9"	35'9"	35'9"
INSTALLED WIDTH	9'2"	9'2"	9'2"	9'2"	9'2"	9'2"	9'2"
INSTALLED HEIGHT (AUGER)	31'5"	35'5"	39'5"	43'5"	47'5"	51'5"	55'5"
INSTALLED HEIGHT (GRAVITY FILL)	35'0"	39'0"	43'0"	47'0"	51'0"	55'0"	59'0"
HEATERS [MAX BTU] [mmBTU]							
HEATERS [MAX BTU] [mmBTU]	14.3	17.3	21.5	24.5	28.7	31.6	35.9
FANS (AXIAL)	(2) 25 HP	(2) 30 HP	(3) 25 HP	(2) 30 HP	(4) 25 HP	(2) 30 HP	(5) 25 HP
				(1) 25 HP		(2) 25 HP	
FANS (CENTRIFUGAL)	(2) 30 HP	(2) 40 HP	(3) 30 HP	(2) 40 HP	(4) 30 HP	(2) 40 HP	(5) 30 HP
				(1) 30 HP		(2) 30 HP	
FULL LOAD AMPS (FAN(S), LOAD AUGER, DISCHARGE CONVEYOR) ³							
SINGLE PHASE, 220 V.	N/A	N/A	N/A	N/A	N/A	N/A	N/A
THREE PHASE, 208 V.	202	230	273	301	344	373	415
THREE PHASE, 230 V.	183	208	247	272	311	337	375
THREE PHASE, 460 V.	92	104	124	136	156	169	188
THREE PHASE, 575 V.	74	84	99	109	124	135	150

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2 Grain discharged hot from the dryer will result in a final moisture content of 15% after cooling in the bin.

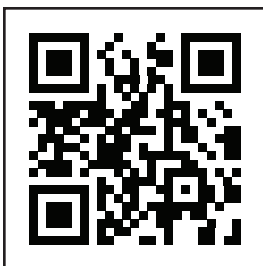
3 Full Load Amps: Fan(s) & Dryer Load & Unload motor name plate amperages + 5 for control & VFD load.

3200 SERIES

	3208	3210	3212	3214	3216	3218	3220
DRYING CAPACITY (BPH), SHELLLED CORN ¹							
DRY AND COOL 30% TO 15%	620	790	1,040	1,220	1,330	1,410	1,670
DRY AND COOL 25% TO 15%	800	1,020	1,330	1,560	1,710	1,800	2,130
DRY AND COOL 20% TO 15%	1,300	1,650	2,160	2,530	2,770	2,929	3,460
FULL HEAT 30% TO 15% ²	1,080	1,290	1,620	1,830	2,170	2,370	2,700
FULL HEAT 25% TO 15% ²	1,300	1,550	1,950	2,190	2,610	2,840	3,250
FULL HEAT 20% TO 15% ²	1,930	2,300	2,900	3,260	3,890	4,230	4,830
TOTAL HOLDING CAP. (AUGER FILL)							
TOTAL HOLDING CAP. (GRAVITY FILL)	2,092	2,460	2,828	3,196	3,564	3,932	4,300
GRAIN COLUMN HOLDING CAP. (BU.)	2,198	2,566	2,934	3,302	3,670	4,038	4,406
GRAIN COLUMN HOLDING CAP. (BU.)	1,478	1,847	2,217	2,586	2,956	3,325	3,695
TOP AUGER (LOADING)	10 HP	10 HP	10 HP	10 HP	10 HP	10 HP	10 HP
DISCHARGE CONVEYOR (UNLOADING)	15 HP	15 HP	15 HP	15 HP	15 HP	15 HP	15 HP
METER ROLL DRIVE	(2) 1/3 HP	(2) 1/3 HP	(2) 1/3 HP	(2) 1/3 HP	(2) 1/3 HP	(2) 1/3 HP	(2) 1/3 HP
INSTALLED LENGTH	43'9"	43'9"	43'9"	43'9"	43'9"	43'9"	43'9"
INSTALLED WIDTH	9'2"	9'2"	9'2"	9'2"	9'2"	9'2"	9'2"
INSTALLED HEIGHT (AUGER)	31'5"	35'5"	39'5"	43'5"	47'5"	51'5"	55'5"
INSTALLED HEIGHT (GRAVITY FILL)	37'10"	41'10"	45'10"	49'10"	53'10"	57'10"	61'10"
HEATERS [MAX BTU] [mmBTU]							
HEATERS [MAX BTU] [mmBTU]	17.6	19.9	26.3	28.6	35.1	37.4	43.9
FANS (AXIAL)	(2) 30 HP	(2) 40 HP	(3) 30 HP	(2) 40 HP	(4) 30 HP	(2) 40 HP	(5) 30 HP
				(1) 30 HP		(2) 30 HP	
FANS (CENTRIFUGAL)	(2) 40 HP	(2) 50 HP	(3) 40 HP	(2) 50HP	(4) 40 HP	(2) 50 HP	(5) 40 HP
				(1) 40 HP		(2) 40 HP	
FULL LOAD AMPS (FAN(S), LOAD AUGER, DISCHARGE CONVEYOR) ³							
SINGLE PHASE, 220 V.	N/A	N/A	N/A	N/A	N/A	N/A	N/A
THREE PHASE, 208 V.	252	307	335	390	418	472	500
THREE PHASE, 230 V.	228	278	303	353	378	427	452
THREE PHASE, 460 V.	114	139	152	177	190	214	226
THREE PHASE, 575 V.	92	112	122	142	152	171	181

- Capacities listed are wet bushels, for mature unfrozen #2 yellow shelled dent corn at listed moisture content and are estimates based on drying principles, field results and computer simulation. Variance may occur due to grain's physiological factors (kernel size, chemical composition, variety, maturity), excessive fines, adverse weather conditions, etc.
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- Full Load Amps: Fan(s) & Dryer Load & Unload motor name plate amperages + 5 for control & VFD load.

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