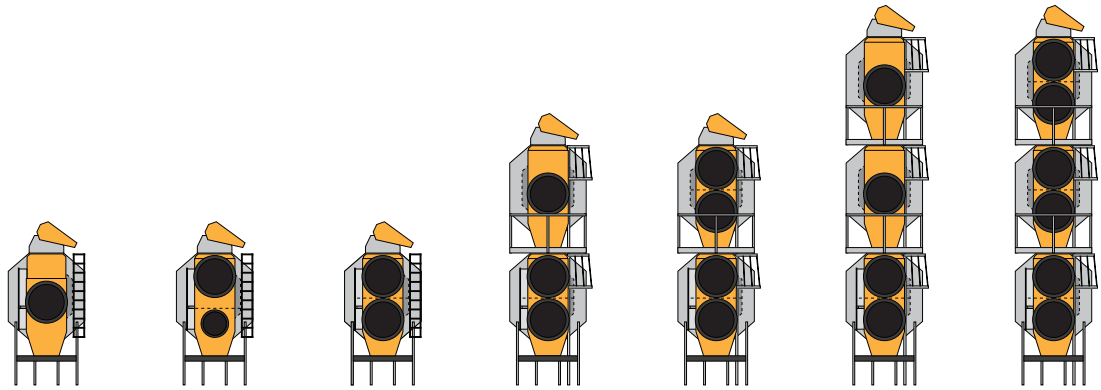


# ***PORTABLE DRYERS***

Increase Yields and  
**IMPROVE**  
PROFITS

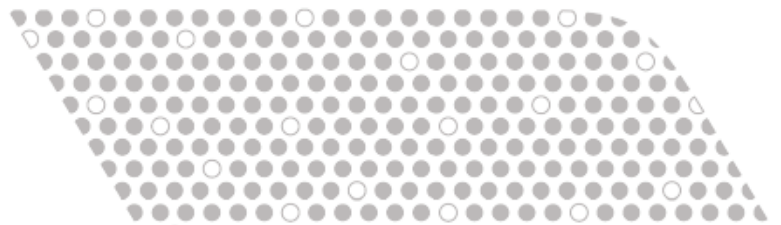
**GSI** Take control.

# MODEL OVERVIEW



SERIES	1100 & Q100	1200 & Q200	1200S&H † & Q200S&H †	2300 & 2000	2400 & Q400	3400 & 3000	3600 & Q600
MAX. HOLDING CAPACITY (BU.)	219 - 708	381 - 708	381 - 708	731 - 1,304	1,044 - 1,340	1,074 - 1,995	1,534 - 1,995
APPROX. DRYING CAPACITY (FULL HEAT 20%-15%] <sup>2</sup> )	420 - 1,160 BPH	680 - 1,180 BPH	990 - 1,330 BPH	1,460 - 2,700 BPH	2,010 - 2,700 BPH	2,190 - 4,000 BPH	2,950 - 4,000 BPH
MODEL FOOT PRINT	15'2"x8' - 33'2"x8'	21'2"x8' - 33'2"x8'	21'2"x8'8" - 33'2"x8'8"	23'10"x8'8" - 35'10"x8'8"	23'10"x8'8" - 35'10"x8'8"	23'10"x8'8" - 35'10"x8'8"	23'10"x8'8" - 35'10"x8'8"
OPTIONAL INVERTERS AVAILABLE	N/A	N/A	Yes	Yes	Yes	Yes	Yes
DRYING MODE	All Heat, Batch	Dry/Cool. All Heat, Continuous Flow, Staged Batch, Batch	Dry/Cool. All Heat, Continuous Flow, Staged Batch, Batch	Dry/Cool. All Heat, Continuous Flow, Staged Batch, Batch	Dry/Cool. All Heat, Continuous Flow, Staged Batch, Batch	Dry/Cool. All Heat, Continuous Flow, Staged Batch, Batch	Dry/Cool. All Heat, Continuous Flow, Staged Batch, Batch
MODELS AVAILABLE IN X-STREAM	N/A	N/A	1220HX 1222HX 1226HX	2320X 2322X 2326X	2420X 2426X	3420X 3422X 3426X	3620X 3626X

See back page for additional annotation.





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# LARGEST GRAIN HOLDING CAPACITY

Drying grain too fast or too slow with the wrong airflow results in low quality grain and/or decreased efficiency. GSI dryers provide the optimal balance between the heat level, retention time and airflow for best grain quality and efficiency.

## HIGHLIGHTS

- Single, double or triple module models available
- 420 to 4,000 BPH drying capacity
- All heat or Dry/Cool operation types
- LP or natural gas



## GSI QUIET DRYERS™

The GSI Quiet Dryer is 50% quieter than vane axial portable dryers without any loss in capacity or airflow. With a frequency in the 1,000 Hz range, it produces a more comfortable, less harsh tone.

Quiet Dryers use a best-in-class, commercial grade blower - the same blower used in our Zimmerman Tower Dryers. This patent-pending feature, combined with star-fire burner, used on existing vane axial portable dryers, provides an efficient delivery of airflow to the burner.

Quiet Dryer are available in Dry/Cool, featuring a single blower and two plenums, available in either a 60/40 or 50/50 split. This patent-pending design allows for airflow to be optimized in both the upper and lower plenums, which maximizes capacities from model to model.

GSI Stacked Quiet Dryers use a dry/cool 50/50 lower module.

## X-STREAM™ DRYERS

Fans and heaters on most traditional dryers are mounted on the same end. The optional X-Stream dryer design features fans and heaters mounted in a staggered configuration on opposite ends of the dryer. With this design, the X-Stream delivers more uniform heat throughout the entire dryer, regardless of column location. The result is a higher quality grain that is more evenly dried at a lower cost and up to a 10 percent gain in efficiency.



## ADVANCED DRYER CONTROL

The Vision Network Dryer Control system is designed to take the guesswork out of operating your GSI Portable Dryer. With a quick glance, you can see the operating status of the augers, fans and heaters on the large, easy-to-read color touchscreen. On-screen temperature and moisture-based controls let you modify and manage plenum and grain temperatures quickly and easily.

### FEATURES:

- 10.4" TFT color screen with touch screen control
- 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
- Individual safety monitoring with status displayed on-screen
- Shut-downs logged with time and date
- Safety disconnect on every dryer
- Low voltage safety circuit
- Includes hour meter

## WATCHDOG™

The smartphone-compatible WatchDog provides remote dryer control and monitoring, with the same Vision interface you use on your dryer unit.



## DRYER START-UP MADE EASY

What used to take two to four hours can now be done automatically. Simply input the incoming moisture of the grain, desired outgoing moisture and the grain type and hit start. Vision Auto-Start will manage and control the pre-drying of the grain and stage the operation of the dryer.

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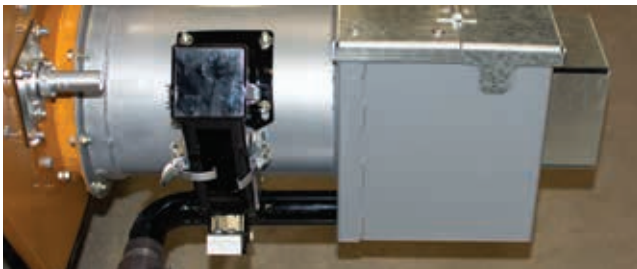


## AC METERING ROLLS AND ADJUSTABLE FLOW GATES

A 4" AC variable frequency drive metering roll smoothly transitions grain from your dryer to your handling system. When grain quality is poor and debris is present, adjustable flow gates allow you to customize control of grain volume in each column for more consistent drying.

An optional upgrade to a 7" meter roll system does not require the use of gates.

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## STATIC MOISTURE SAMPLER

Takes readings only when the grain is static and not flowing. Using GSI's patented discharge auger to ensure that a true cross section of the grain is sampled, a reading is taken once per minute and the dryer automatically adjusts to provide optimal results.

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## EVEN HEAT AND GRAIN QUALITY

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

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## OPTIMIZED AIRFLOW

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

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## HIGH EFFICIENCY BURNER

Provides even heat distribution and maximum airflow to the dryer's plenum. An electronic ignition system monitors the burner and a view window provides for easy observation of the burner while in operation. Features include easy-to-adjust vaporizer, large service access door and oil-filled gas pressure gauges.

Standard on GSI dryers, On/Off Fire offers a wider range of plenum temperature control down to five degrees above ambient temperature for wheat and other temperature-sensitive grains.



# 1100 / Q100 SERIES

**CONFIGURATION:** Single module, single fan & heater with a single plenum. Not expandable. Available with either Vane Axial Fan or Quiet Blower (GSI Quiet Dryer).

**APPLICATION:** Small- to medium-sized farms using bins 50,000 bushels or less with adequate bin cooling air. Perfect as a first high speed dryer, the 1100 series delivers between 420 to 1,160 BPH All Heat drying at 5-point removal. While primarily an All Heat corn drying system, the 1100 Series dryer can also be used in Continuous Batch Dry & Cool operation full time or for specific situations – putting a dry cone in a flat bottom wet bin, or occasional soybean or wheat drying – to still be able to deliver cooled grain.

	1108	1112/Q112	1114/Q114	1116/Q116	1118/Q118	1120/Q120	1122/Q122	1126/Q126
<b>DRYING CAPACITY, SHELLED CORN<sup>1</sup></b>								
DRY AND COOL 25% TO 15% STAGED BATCH	170 BPH	210 BPH	250 BPH	280 BPH	320 BPH	360 BPH	390 BPH	460 BPH
DRY AND COOL 20% TO 15% STAGED BATCH	220 BPH	270 BPH	320 BPH	370 BPH	430 BPH	480 BPH	520 BPH	610 BPH
FULL HEAT 30% TO 15% <sup>2</sup>	190 BPH	250 BPH	300 BPH	320 BPH	380 BPH	410 BPH	460 BPH	540 BPH
FULL HEAT 25% TO 15% <sup>2</sup>	260 BPH	340 BPH	390 BPH	440 BPH	510 BPH	560 BPH	610 BPH	720 BPH
FULL HEAT 20% TO 15% <sup>2</sup>	420 BPH	530 BPH	610 BPH	710 BPH	820 BPH	910 BPH	990 BPH	1,160 BPH
BASIC CONSTRUCTION	1 Module 1 Stage	1 Module 1 Stage	1 Module 1 Stage	1 Module 1 Stage	1 Module 1 Stage	1 Module 1 Stage	1 Module 1 Stage	1 Module 1 Stage
GRAIN COLUMNS	14" x 8' Long	14" x 12' Long	14" x 14' Long	14" x 16' Long	14" x 18' Long	14" x 20' Long	14" x 22' Long	14" x 26' Long
TOTAL HOLDING CAPACITY	219 BU	327 BU	381 BU	436 BU	490 BU	544 BU	599 BU	708 BU
GRAIN COLUMN HOLDING CAP.	190 BU	282 BU	329 BU	376 BU	423 BU	470 BU	517 BU	611 BU
TOP AUGER (LOADING)	8" Flight / 2 HP	8" Flight / 2 HP	8" Flight / 3 HP	8" Flight / 5 HP	8" Flight / 5 HP	8" Flight / 7.5 HP	8" Flight / 7.5 HP	8" Flight / 10 HP
CAPACITY	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH
BOTTOM AUGER (UNLOADING)	8" Flight/ 10" Tube - 2.5 HP	8" Flight/ 10" Tube - 2.5 HP	8" Flight/ 10" Tube - 3 HP	8" Flight/ 10" Tube - 5 HP	8" Flight/ 10" Tube - 5 HP	8" Flight/ 10" Tube - 7.5 HP	8" Flight/ 10" Tube - 7.5 HP	8" Flight/ 10" Tube - 10 HP
METER ROLL DRIVE	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP
MAXIMUM CAPACITY	1,125 BPH	1,680 BPH	1,960 BPH	2,240 BPH	2,520 BPH	2,800 BPH	3,080 BPH	3,640 BPH
TRANSPORT LENGTH (HITCH TO DISCHARGE AUGER) <sup>4</sup>	17'2"	21'2" (24'10")	23'2" (26'10")	25'2" (28'10")	27'2" (31'10")	29'2" (33'10")	31'2" (35'10")	35'2" (39'10")
TRANSPORT WIDTH	8'	8'	8'	8'	8'	8'	8'	8'
TRANSPORT HEIGHT <sup>3</sup>	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")
APPROX. TRANSPORT WEIGHT <sup>4</sup>	5,200 lb.	6,300 lb. (7,800)	7,000 lb. (8,500)	7,500 lb. (9,000)	8,000 lb. (9,800)	8,700 lb. (10,500)	9,500 lb. (11,300)	11,000 lb. (12,800)
INSTALLED LENGTH <sup>4</sup>	15'2"	19'2" (22'10")	21'2" (24'10")	23'2" (26'10")	25'2" (29'10")	27'2" (31'10")	29'2" (33'10")	33'2" (37'10")
INSTALLED WIDTH	8'	8'	8'	8'	8'	8'	8'	8'
INSTALLED HEIGHT (EXCLUDING FOUNDATION SUPPORTS)	14'6"	14'6"	14'6"	14'6"	14'6"	14'6"	14'6"	14'6"
HEATER (MAX BTU)	4.5 Mil. btu/hr	4.5 Mil. btu/hr	5.75 Mil. btu/ hr	5.75 Mil. btu/ hr	6.75 Mil. btu/ hr	7.5 Mil. btu/hr	8.75 Mil. btu/ hr	10.25 Mil. btu/hr

## VANE AXIAL FAN SPECIFICATIONS

	1108	1112	1114	1116	1118	1120	1122	1126
FAN 1 PH	10-16 HP, 36"	10-16 HP, 36"	10-16 HP, 40"	10-16 HP, 40"	N/A	N/A	N/A	N/A
FAN 3 PH	10-16 HP, 36"	15 HP, 36"	15 HP, 40"	15 HP, 40"	20 HP, 42"	25 HP, 42"	30 HP, 42"	40 HP, 42"
<b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.)<sup>5</sup></b>								
SINGLE PHASE, 230 V.	101/122	101/156	109/164	124/179	N/A	N/A	N/A	N/A
THREE PHASE, 208 V.	57/95	57/95	64/115	77/127	88/138	117/193	128/204	167/244
THREE PHASE, 230 V.	53/83	53/88	60/108	71/120	81/130	107/178	117/188	157/228
THREE PHASE, 460 V.	29/41	29/44	32/54	38/60	43/65	56/89	61/94	81/114
THREE PHASE, 575 V.	25/36	25/36	28/45	33/50	36/54	46/73	50/77	67/94

## QUIET DRYER BLOWER SPECIFICATIONS

	Q112	Q114	Q116	Q118 <sup>7</sup>	Q120 <sup>7</sup>	Q122 <sup>7</sup>	Q126 <sup>7</sup>
FAN PH	15 HP, 49"	15 HP, 49"	15 HP, 49"	25 HP, 54"	30 HP, 54"	30 HP, 54"	40 HP, 54"
<b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.)<sup>5</sup></b>							
SINGLE PHASE, 230 V.	103/163	111/171	126/186	210/270	253/331	253/331	324/402
THREE PHASE, 230 V.	64/105	71/125	82/136	106/160	134/210	134/210	168/244
THREE PHASE, 460 V.	30/50	33/60	39/66	50/77	64/102	64/102	81/119

See back page for additional annotation.

# 1200 / Q200 SERIES

**1200 CONFIGURATION:** Single module, 2 vane axial fans & heaters each with its own plenum in a 67/33 split. Not expandable.

**Q200 CONFIGURATION (QUIET DRYER):** One quiet blower and two heaters in a 67/33 split.

**APPLICATION:** Small- to medium-sized farms that require flexibility in drying options. The 1200 Series is good for corn and many other grains operating in Dry & Cool mode and good for corn or rice operating in All Heat. Its economical design gives between 400 to 730 BPH Dry & Cool and 680 to 1,160 BPH All Heat at 5-point removal. As with all Vision-equipped, multiple fan GSI dryers, the 1200 Series can be operated in any mode – All Heat, Dry & Cool, Continuous Flow or Batch.

	1214/Q214	1216/Q216	1218/Q218	1220/Q220	1222/Q222	1226/Q226
<b>DRYING CAPACITY, SHELLED CORN<sup>1</sup></b>						
DRY AND COOL 25% TO 15%	250 BPH	290 BPH	320 BPH	350 BPH	400 BPH	450 BPH
DRY AND COOL 20% TO 15%	400 BPH	470 BPH	510 BPH	560 BPH	640 BPH	730 BPH
FULL HEAT 30% TO 15% <sup>2</sup>	330 BPH	380 BPH	410 BPH	430 BPH	480 BPH	540 BPH
FULL HEAT 25% TO 15% <sup>2</sup>	420 BPH	480 BPH	520 BPH	590 BPH	650 BPH	730 BPH
FULL HEAT 20% TO 15% <sup>2</sup>	680 BPH	770 BPH	840 BPH	950 BPH	1,060 BPH	1,180 BPH
BASIC CONSTRUCTION	1 Module / 2 Stages	1 Module / 2 Stages	1 Module / 2 Stages	1 Module / 2 Stages	1 Module / 2 Stages	1 Module / 2 Stages
GRAIN COLUMNS	14" x 14' Long	14" x 16' Long	14" x 18' Long	14" x 20' Long	14" x 22' Long	14" x 26' Long
TOTAL HOLDING CAPACITY	381 BU	436 BU	490 BU	544 BU	599 BU	708 BU
GRAIN COLUMN HOLDING CAP.	329 BU	376 BU	423 BU	470 BU	517 BU	611 BU
TOP AUGER (LOADING)	8" 5 HP	8" 5 HP	8" 5 HP	8" 7.5 HP	8" 7.5 HP	8" 10 HP
CAPACITY	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH
BOTTOM AUGER (UNLOADING)	8" Flight/10" Tube 5 HP	8" Flight/10" Tube 5 HP	8" Flight/10" Tube 5 HP	8" Flight/10" Tube 7.5 HP	8" Flight/10" Tube 7.5 HP	8" Flight/10" Tube 10 HP
METER ROLL DRIVE	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP
MAXIMUM CAPACITY	1,960 BPH	2,240 BPH	2,520 BPH	2,800 BPH	3,080 BPH	3,640 BPH
TRANSPORT LENGTH (HITCH TO DISCHARGE AUGER) <sup>4</sup>	23'2" (28'10")	25'2" (30'10")	27'2" (33'10")	29'2" (35'10")	31'2" (37'10")	35'2" (41'10")
TRANSPORT WIDTH	8'	8'	8'	8'	8'	8'
TRANSPORT HEIGHT <sup>3</sup>	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")
APPROX. TRANSPORT WEIGHT <sup>4</sup>	7,600 lbs. (9,100)	8,200 lbs. (9,600)	9,000 lbs. (10,500)	9,800 lbs. (11,200)	10,500 lbs. (12,000)	12,000 lbs. (13,500)
INSTALLED LENGTH <sup>4</sup>	21'2" (26'10")	23'2" (28'10")	25'2" (31'10")	27'2" (33'10")	29'2" (35'10")	33'2" (37'10")
INSTALLED WIDTH	8'	8'	8'	8'	8'	8'
INSTALLED HEIGHT (EXCLUDING FOUNDATION SUPPORTS)	14'6"	14'6"	14'6"	14'6"	14'6"	14'6"
HEATERS (MAX BTU)	1@3.5 Mil. btu/hr 1@3 Mil. btu/hr	1@4.5 Mil. btu/hr 1@3 Mil. btu/hr	1@4.5 Mil. btu/hr 1@3 Mil. btu/hr	1@5.5 Mil. btu/hr 1@3.0 Mil. btu/hr	1@6.75 Mil. btu/hr 1@3.0 Mil. btu/hr	1@7.5 Mil. btu/hr 1@3.0 Mil. btu/hr

## VANE AXIAL FAN SPECIFICATIONS

	1214	1216	1218	1220	1222	1226
FANS 1 PH	1@12 HP, 36"	1@15 HP, 36"	1@15 HP, 36"	1@15 HP, 40"	N/A	N/A
	1@12 HP, 28"	1@10 HP, 28"	1@10 HP, 28"	1@10 HP, 28"	N/A	N/A
FANS 3 PH	1@12 HP, 36"	1@15 HP, 36"	1@15 HP, 36"	1@15 HP, 40"	1@20 HP, 42"	1@25 HP, 42"
	1@12 HP, 28"	1@10 HP, 28"	1@10 HP, 28"	1@12 HP, 28"	1@12 HP, 28"	1@12 HP, 28"
<b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.)<sup>5</sup></b>						
SINGLE PHASE, 230 V.	157/212	177/232	177/232	191/246	N/A	N/A
THREE PHASE, 208 V.	112/162	112/162	112/162	125/202	136/213	164/240
THREE PHASE, 230 V.	99/148	104/153	104/153	116/187	126/197	154/225
THREE PHASE, 460 V.	52/74	55/76	55/76	61/93	66/98	80/112
THREE PHASE, 575 V.	48/66	49/66	49/66	54/81	57/84	68/95

## QUIET DRYER BLOWER SPECIFICATIONS

	Q214	Q216	Q218 <sup>7</sup>	Q220 <sup>7</sup>	Q222 <sup>7</sup>	Q226 <sup>7</sup>
FAN PH	15 HP, 49"	15 HP, 49"	25 HP, 54"	30 HP, 54"	30 HP, 54"	40 HP, 54"
<b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.)<sup>5</sup></b>						
SINGLE PHASE, 230 V.	111/171	126/186	210/270	253/331	253/331	324/402
THREE PHASE, 230 V.	71/125	82/136	106/160	134/210	134/210	168/244
THREE PHASE, 460 V.	33/60	39/66	50/77	64/102	64/102	81/119

See back page for additional annotation.



# 1200S&H / Q200S&H SERIES

**1200S&H CONFIGURATION:** Single module, two vane axial fans fans and heaters, each with its own plenum in a 50/50 split. S-Series are upgradable with additional modules, while the H-Series is not.

**Q200S&H CONFIGURATION (QUIET DRYER):** One quiet blower and two heaters in a 50/50 split.

**S-SERIES APPLICATION:** Small, medium or large farms with plans to expand drying capacity. As the base for a two or three stack dryer, the 1200S Series is ideal for farmers with plans to add a second or third module at a later date. On its own, the 1200S design – similar to the 1200H – is good for those farms that need the maximum capacity on single phase and/or primarily run All Heat or can utilize Staged Auto for Dry & Cool operation.

**H-SERIES APPLICATION:** The 1200H is primarily Staged Auto or Batch Dry & Cool for corn and many other grains and can operate with corn or rice in All Heat. Economical design that produces between 570 to 700 BPH Dry & Cool and 1,080 to 1,330 BPH All Heat at 5-point removal.

	1214S/Q214S	1218S/Q218S	1220S/1220H Q220S/Q220H†	1222S/1222H Q222S/Q222H†	1226S/1226H Q226S/Q226H†
<b>DRYING CAPACITY, SHELLED CORN<sup>1</sup></b>					
DRY AND COOL 25% TO 15% STAGED BATCH	260 BPH	350 BPH	400 BPH	430 BPH	530 BPH
DRY AND COOL 20% TO 15% STAGED BATCH	360 BPH	450 BPH	520 BPH	570 BPH	700 BPH
DRY AND COOL 25% TO 15%	185 BPH	240 BPH	280 BPH	300 BPH	375 BPH
DRY AND COOL 20% TO 15%	300 BPH	385 BPH	445 BPH	485 BPH	600 BPH
FULL HEAT 30% TO 15% <sup>2</sup>	300 BPH	390 BPH	450 BPH	490 BPH	620 BPH
FULL HEAT 25% TO 15% <sup>2</sup>	450 BPH	540 BPH	620 BPH	670 BPH	820 BPH
FULL HEAT 20% TO 15% <sup>2</sup>	730 BPH	860 BPH	990 BPH	1,080 BPH	1,330 BPH
BASIC CONSTRUCTION	1 Module / 2 Stages	1 Module / 2 Stages	1 Module / 2 Stages	1 Module / 2 Stages	1 Module / 2 Stages
GRAIN COLUMNS	14" x 14' Long	14" x 18' Long	14" x 20' Long	14" x 22' Long	14" x 26' Long
TOTAL HOLDING CAPACITY	381 BU	490 BU	544 BU	599 BU	708 BU
GRAIN COLUMN HOLDING CAPACITY	329 BU	423 BU	470 BU	517 BU	611 BU
TOP AUGER (LOADING)	5 HP	5 HP	7.5 HP	7.5 HP	10 HP
CAPACITY	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH
BOTTOM AUGER (UNLOADING)	8" Flight/10" Tube / 5 HP	8" Flight/10" Tube / 5 HP	8" Flight/10" Tube / 7.5 HP	8" Flight/10" Tube / 7.5 HP	8" Flight/10" Tube / 10 HP
METER ROLL DRIVE	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP
MAXIMUM CAPACITY	1,960 BPH	2,520 BPH	2,800 BPH	3,080 BPH	3,640 BPH
TRANSPORT LENGTH (HITCH TO DISCHARGE AUGER) <sup>4</sup>	23'2" (28'10")	27'2" (33'10")	29'2" (35'10")	31'2" (37'10")	35'2" (39'10")
TRANSPORT WIDTH	8'	8'	8'	8'	8'
TRANSPORT HEIGHT <sup>3</sup>	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")
APPROX. TRANSPORT WEIGHT <sup>4</sup>	9,500 lbs. (9,100)	11,500 lbs. (10,500)	14,500 lbs. (11,200)	15,500 lbs. (12,000)	18,500 lbs. (13,500)
INSTALLED LENGTH <sup>4</sup>	21'2" (26'10")	25'2" (31'10")	27'2" (33'10")	30'2" (35'10")	33'2" (37'10")
INSTALLED WIDTH	8'8"	8'8"	8'8" / 8'†	8'8" / 8'†	8'8" / 8'†
INSTALLED HEIGHT (EXCLUDING FOUNDA- TION SUPPORTS)	14'6"	14'6"	14'6"	14'6"	14'6"
HEATERS (MAX BTU)	2@3.0 Mil.btu/hr	2@3.5 Mil.btu/hr	2@4.5 Mil.btu/hr	2@4.5 Mil.btu/hr	2@6.75 Mil.btu/hr

## VANE AXIAL FAN SPECIFICATIONS

	1214S	1218S	1220S/1220H†	1222S/1222H†	1226S/1226H†
FANS 1 PH	2@12 HP, 28"	2@10-12 HP, 36"	2@15 HP, 36"	2@15 HP, 36"	N/A
FANS 3 PH	2@12 HP, 28"	2@10-12 HP, 36"	2@15 HP, 36"	2@15 HP, 36"	2@25 HP, 40"
<b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.)<sup>5</sup></b>					
SINGLE PHASE, 230 V.	157/212	157/212	211/266	211/266	N/A
THREE PHASE, 208 V.	106/156	106/144	131/208	131/208	196/273
THREE PHASE, 230 V.	99/148	99/134	121/192	121/192	183/254
THREE PHASE, 460 V.	52/74	52/68	63/96	63/96	94/127
THREE PHASE, 575 V.	48/66	48/66	54/81	54/81	77/104

## QUIET DRYER BLOWER SPECIFICATIONS

	Q214S	Q218S <sup>7</sup>	Q220S/Q220H <sup>7</sup>	Q222S/Q222H <sup>7</sup>	Q226S/Q226H <sup>7</sup>
FAN PH	15 HP, 49"	15 HP, 49"	25 HP, 54"	30 HP, 54"	40 HP, 54"
<b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.)<sup>5</sup></b>					
SINGLE PHASE, 230 V.	111/171	210/270	253/331	253/331	324/402
THREE PHASE, 230 V.	71/125	106/160	134/210	134/210	168/244
THREE PHASE, 460 V.	33/60	50/77	64/102	64/102	81/119

See back page for additional annotation.

# 2300 / 2Q00 & 2400 / Q400 SERIES

**2300 SERIES CONFIGURATION:** 2 modules, 3 fans and heaters, one on the upper module and 2 on the lower module.

**2Q00 CONFIGURATION (QUIET DRYER):** Two modules, two quiet blowers, and three heaters, one on the upper module and two on the lower module.

**2400 SERIES CONFIGURATION:** Two modules, four fans and heaters, two on each module.

**Q400 CONFIGURATION (QUIET DRYER):** Two modules, two quiet blowers and four heaters.

**APPLICATION:** Medium to large farms who want to increase grain drying capacity without increasing the footprint. Primarily continuous Dry & Cool for corn and many other grains or All Heat for corn or rice. (Note: it takes bins no larger than 50,000 bu. to cool corn dried in the All Heat mode at no more than 1,500 BPH capacity for safe cooling and storage without special management.) Delivers 1,000 to 1,840 BPH Dry & Cool and 1,460 to 2,700 BPH All Heat high speed drying at 5-point removal.

	2314/2Q14'	2318/2Q18'	2320/2Q20'	2322/2Q22'	2326/2Q26'	2420/Q420'	2426/Q426'
<b>DRYING CAPACITY, SHELLED CORN<sup>1</sup></b>							
DRY AND COOL 25% TO 15%	620 BPH	770 BPH	850 BPH	930 BPH	1,130 BPH	850 BPH	1,130 BPH
DRY AND COOL 20% TO 15%	1,000 BPH	1,240 BPH	1,380 BPH	1,500 BPH	1,840 BPH	1,380 BPH	1,840 BPH
FULL HEAT 30% TO 15% <sup>2</sup>	670 BPH	830 BPH	920 BPH	1,010 BPH	1,200 BPH	920 BPH	1,200 BPH
FULL HEAT 25% TO 15% <sup>2</sup>	900 BPH	1,120 BPH	1,250 BPH	1,360 BPH	1,670 BPH	1,250 BPH	1,670 BPH
FULL HEAT 20% TO 15% <sup>2</sup>	1,460 BPH	1,810 BPH	2,010 BPH	2,200 BPH	2,700 BPH	2,010 BPH	2,700 BPH
<b>BASIC CONSTRUCTION</b>	2 Modules/ 3 Stages	2 Modules/ 3 Stages	2 Modules/ 3 Stages	2 Modules/ 3 Stages	2 Modules/ 3 Stages	2 Modules/ 4 Stages	2 Modules/ 4 Stages
<b>GRAIN COLUMNS</b>	14" x 14' Long	14" x 18' Long	14" x 20' Long	14" x 22' Long	14" x 26' Long	14" x 20' Long	14" x 26' Long
<b>TOTAL HOLDING CAPACITY</b>	731 BU	940 BU	1,044 BU	1,149 BU	1,304 BU	1,044 BU	1,340 BU
<b>GRAIN COLUMN HOLDING CAP.</b>	679 BU	873 BU	970 BU	1,067 BU	1,261 BU	970 BU	1,261 BU
<b>TOP AUGER (LOADING)</b>	5 HP	5 HP	7.5 HP	7.5 HP	10 HP	7.5 HP	10 HP
<b>CAPACITY</b>	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH
<b>BOTTOM AUGER (UNLOADING)</b>	8" Flight/ 10" Tube - 5 HP	8" Flight/ 10" Tube - 5 HP	8" Flight/ 10" Tube - 7.5 HP	8" Flight/ 10" Tube - 7.5 HP	8" Flight/ 10" Tube - 10 HP	8" Flight/ 10" Tube - 7.5 HP	8" Flight/ 10" Tube - 10 HP
<b>METER ROLL DRIVE</b>	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP
<b>MAXIMUM CAPACITY</b>	1,960 BPH	2,520 BPH	2,800 BPH	3,080 BPH	3,640 BPH	2,800 BPH	3,640 BPH
<b>TRANSPORT LENGTH (HITCH TO DISCHARGE AUGER)<sup>4</sup></b>	23'2" (28'10")	27'2" (38'10")	29'2" (35'10")	31'2" (37'10")	35'2" (39'10")	29'2" (35'10")	35'2" (39'10")
<b>TRANSPORT WIDTH</b>	8'	8'	8'	8'	8'	8'	8'
<b>TRANSPORT HEIGHT<sup>3</sup></b>	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")
<b>APPRX. TRANSPORT WEIGHT<sup>4</sup> (LESS TRANSPORT KIT)</b>	16,000 lbs. (17,600 lbs.)	19,000 lbs. (20,300 lbs.)	21,000 lbs. (21,700 lbs.)	22,500 lbs. (23,300 lbs.)	25,000 lbs. (26,300 lbs.)	23,500 lbs. (22,400 lbs.)	28,000 lbs. (27,000 lbs.)
<b>INSTALLED LENGTH<sup>4</sup></b>	23'10" (26'10")	27'10" (31'10")	29'10" (33'10")	31'10" (35'10")	35'10" (37'10")	29'10" (33'10")	35'10" (37'10")
<b>INSTALLED WIDTH</b>	8'8"	8'8"	8'8"	8'8"	8'8"	8'8"	8'8"
<b>INSTALLED HEIGHT (EXCLUD. FOUNDATION SUPPORTS)</b>	25'11"	25'11"	25'11"	25'11"	25'11"	25'11"	25'11"
<b>HEATERS (MAX BTU)</b>	1@5.5 Mil. btu/hr 2@3.0 Mil. btu/hr	1@6.75 Mil. btu/hr 2@3.5 Mil. btu/hr	1@7.5 Mil. btu/hr 2@4.5 Mil. btu/hr	1@8.75 Mil. btu/hr 2@4.5 Mil. btu/hr	1@10.25 Mil. btu/hr 2@6.75 Mil. btu/hr	4@4.5 Mil. btu/hr	4@6.75 Mil. btu/hr

## VANE AXIAL FAN SPECIFICATIONS

	2314	2318	2320	2322	2326	2420	2426
<b>FANS 1 PH</b>	1@15 HP, 40"	N/A	N/A	N/A	N/A	N/A	N/A
	2@10-12 HP, 28"	N/A	N/A	N/A	N/A	N/A	N/A
<b>FANS 3 PH</b>	1@15 HP, 40"	1@20 HP, 42"	1@25 HP, 42"	1@30 HP, 42"	1@40 HP, 42"	4@15 HP, 36"	4@25 HP, 40"
	2@10-12 HP, 28"	2@10-12 HP, 36"	2@15 HP, 36"	2@15 HP, 36"	2@25 HP, 40"		
<b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.)<sup>5</sup></b>							
<b>SINGLE PHASE, 220 V.</b>	230/285	N/A	N/A	N/A	N/A	359/421	N/A
<b>THREE PHASE, 208 V.</b>	147/197	158/208	199/275	199/275	302/379	213/295	382/464
<b>THREE PHASE, 230 V.</b>	137/186	135/184	183/254	183/254	281/352	197/273	313/389
<b>THREE PHASE, 460 V.</b>	71/93	70/92	94/127	99/132	143/176	101/139	159/197
<b>THREE PHASE, 575 V.</b>	65/82	68/86	78/105	82/109	115/142	85/117	128/160

## QUIET DRYER BLOWER SPECIFICATIONS

	2Q14'	2Q18'	2Q20'	2Q22'	2Q26'	Q420'	Q426'
<b>FANS PH</b>	2@15 HP, 49"	2@25 HP, 54"	2@30 HP, 54"	2@30 HP, 54"	2@40 HP, 54"	2@30 HP, 54"	2@40 HP, 54"
<b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.)<sup>5</sup></b>							
<b>SINGLE PHASE, 230 V.</b>	188/248	356/416	428/506	428/506	552/630	428/506	552/630
<b>THREE PHASE, 230 V.</b>	118/172	167/221	210/286	210/286	264/340	210/286	264/340
<b>THREE PHASE, 460 V.</b>	57/84	84/111	106/144	106/144	132/170	106/144	132/170

See back page for additional annotation.

# 3400 / 3Q00 & 3600 / Q600 SERIES

**3400 SERIES CONFIG.:** 3 modules, 4 fans & heaters, one on the upper and middle module and 2 on the lower module.

**3Q00 CONFIGURATION (QUIET DRYER):** Three modules, three quiet blowers, and four heaters, one on the upper and middle module and two on the lower module.

**3600 SERIES CONFIGURATION:** Three modules, six fans & heaters, two each on all three modules.

**Q600 CONFIGURATION (QUIET DRYER):** Three modules, three quiet blowers and six heaters.

**APPLICATION:** The max. grain drying capacity in a Portable Dryer for large farm operations. Primarily continuous Dry & Cool for corn and many other grains or All Heat for corn or rice. (Note it takes bins no larger than 50,000 bu. to cool corn dried in the All Heat mode at no more than 1,500 BPH capacity for safe cooling and storage without special management.) Economical design delivers 840 to 2,450 BPH Dry & Cool and 1,000 to 4,000 BPH All Heat high speed drying at 5-point removal.

	3414/3Q14'	3418/3Q18'	3420/3Q20'	3422/3Q22'	3426/3Q26'	3620/Q620'	3626/Q626'
<b>DRYING CAPACITY, SHELLED CORN<sup>1</sup></b>							
DRY AND COOL 25% TO 15%	840 BPH	1,040 BPH	1,120 BPH	1,250 BPH	1,520 BPH	1,120 BPH	1,520 BPH
DRY AND COOL 20% TO 15%	1,340 BPH	1,670 BPH	1,800 BPH	2,020 BPH	2,450 BPH	1,800 BPH	2,450 BPH
FULL HEAT 30% TO 15% <sup>2</sup>	1,000 BPH	1,250 BPH	1,400 BPH	1,510 BPH	1,820 BPH	1,400 BPH	1,820 BPH
FULL HEAT 25% TO 15% <sup>2</sup>	1,360 BPH	1,680 BPH	1,830 BPH	2,040 BPH	2,480 BPH	1,830 BPH	2,480 BPH
FULL HEAT 20% TO 15% <sup>2</sup>	2,190 BPH	2,720 BPH	2,950 BPH*	3,300 BPH*	4,000 BPH*	2,950 BPH	4,000 BPH
<b>BASIC CONSTRUCTION</b>	3 Modules/ 4 Stages	3 Modules/ 4 Stages	3 Modules/ 4 Stages	3 Modules/ 4 Stages	3 Modules/ 4 Stages	3 Modules/ 6 Stages	3 Modules/ 6 Stages
<b>GRAIN COLUMNS</b>	14" x 14' Long	14" x 18' Long	14" x 20' Long	14" x 22' Long	14" x 26' Long	14" x 20' Long	14" x 26' Long
<b>TOTAL HOLDING CAPACITY</b>	1,074 BU	1,381 BU	1,534 BU	1,688 BU	1,995 BU	1,534 BU	1,995 BU
<b>GRAIN COLUMN HOLDING CAP.</b>	1,022 BU	1,314 BU	1,460 BU	1,606 BU	1,898 BU	1,460 BU	1,898 BU
<b>TOP AUGER (LOADING)</b>	5 HP	5 HP	7.5 HP	7.5 HP	10 HP	7.5 HP	10 HP
<b>CAPACITY</b>	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH	3,800 BPH
<b>BOTTOM AUGER (UNLOADING)</b>	8" Flight/ 10" Tube - 5 HP	8" Flight/ 10" Tube - 5 HP	8" Flight/ 10" Tube - 7.5 HP	8" Flight/ 10" Tube - 7.5 HP	8" Flight/ 10" Tube - 10 HP	8" Flight/ 10" Tube - 7.5 HP	8" Flight/ 10" Tube - 10 HP
<b>METER ROLL DRIVE</b>	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP	VFD, 1 HP
<b>MAXIMUM CAPACITY</b>	1,960 BPH	2,520 BPH	2,800 BPH	3,080 BPH	3,640 BPH	2,800 BPH	3,640 BPH
<b>TRANSPORT LENGTH (HITCH TO DISCHARGE AUGER)<sup>4</sup></b>	23'2" (28'10")	27'2" (33'10")	29'2" (35'10")	31'2" (37'10")	35'2" (39'10")	29'2" (35'10")	35'2" (39'10")
<b>TRANSPORT WIDTH</b>	8'	8'	8'	8'	8'	8'	8'
<b>TRANSPORT HEIGHT<sup>3</sup></b>	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")	13'5" (11'9")
<b>APPRX. TRANSPORT WEIGHT<sup>4</sup> (LESS TRANSPORT KIT)</b>	23,000 lbs. (26,100 lbs.)	26,500 lbs. (30,100 lbs.)	29,500 lbs. (32,200 lbs.)	30,500 lbs. (34,600 lbs.)	35,000 lbs. (39,100 lbs.)	30,170 lbs. (33,600 lbs.)	38,750 lbs. (40,500 lbs.)
<b>INSTALLED LENGTH<sup>4</sup></b>	23'10" (26'10")	27'10" (31'10")	29'10" (33'10")	31'10" (35'10")	35'10" (37'10")	29'10" (33'10")	35'10" (37'10")
<b>INSTALLED WIDTH</b>	8'8"	8'8"	8'8"	8'8"	8'8"	8'8"	8'8"
<b>INSTALLED HEIGHT (EXCLUD. FOUNDATION SUPPORTS)</b>	37'3"	37'3"	37'3"	37'3"	37'3"	37'3"	37'3"
<b>HEATERS (MAX BTU)</b>	2@5.5 Mil. btu/hr 2@3 Mil. btu/hr	2@6.75 Mil. btu/hr 2@3.5 Mil. btu/hr	2@7.5 Mil. btu/hr 2@4.5 Mil. btu/hr	2@8.75 Mil. btu/hr 2@4.5 Mil. btu/hr	2@10.25 Mil. btu/hr 2@6.75 Mil. btu/hr	6@4.5 Mil. btu/hr	6@6.75 Mil. btu/hr

## VANE AXIAL FAN SPECIFICATIONS

	3414	3418	3420	3422	3426	3620	3626
<b>FANS 1 PH</b>	2@15 HP, 40"	N/A	N/A	N/A	N/A	N/A	N/A
	2@12 HP, 28"	N/A	N/A	N/A	N/A	N/A	N/A
<b>FANS 3 PH</b>	2@15 HP, 40"	2@20 HP, 42"	2@25 HP, 42"	2@30 HP, 42"	2@40 HP, 42"	6@15 HP, 36"	6@25 HP, 40"
	2@12 HP, 28"	2@10-12 HP, 36"	2@15 HP, 36"	2@15 HP, 36"	2@25 HP, 40"		
<b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER)<sup>5</sup></b>							
SINGLE PHASE, 230 V.	303/358	N/A	N/A	N/A	N/A	N/A	N/A
THREE PHASE, 208 V.	188/238	210/260	266/343	266/343	300/377	295/377	539/620
THREE PHASE, 230 V.	175/224	183/232	245/316	245/316	279/350	273/349	441/517
THREE PHASE, 460 V.	90/112	94/116	125/158	135/168	192/225	139/177	223/261
THREE PHASE, 575 V.	81/98	88/106	103/130	111/138	154/181	117/149	179/211

## QUIET DRYER BLOWER SPECIFICATIONS

	3Q14'	3Q18'	3Q20'	3Q22'	3Q26'	Q620'	Q626'
<b>FANS PH</b>	3@15 HP, 49"	3@25 HP, 54"	3@30 HP, 54"	3@30 HP, 54"	3@40 HP, 54"	3@30 HP, 54"	3@40 HP, 54"
<b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER)<sup>5</sup></b>							
SINGLE PHASE, 230 V.	250/310	502/562	603/663	603/681	780/858	603/681	780/858
THREE PHASE, 230 V.	155/209	226/280	286/362	286/362	360/436	286/362	360/436
THREE PHASE, 460 V.	78/105	114/141	144/182	144/182	180/218	144/182	180/218

See back page for additional annotation.

# X-STREAM SERIES

**CONFIGURATION:** Various. X-Stream is an optional rearrangement of the fans on various dryers (1200H, 1200S, 2300, 2400, 3400, or 3600 Series).

**APPLICATION:** Any size farm that wants to optimize grain drying abilities by drying grain more evenly. Adding the X-Stream Series will even out the heat delivery from front to back of the dryer, improving quality and efficiency. These dryers maintain all the features, benefits and best use criteria of the parent series.

	1220SX & 1220HX †	1222SX & 1222HX †	1226SX & 1226HX †	2320X	2322X	2326X	2420X	2426X	3420X	3422X	3426X	3620X	3626X
STACKABLE													
MODULES	1	1	1	2	2	2	2	2	3	3	3	3	3
FANS	2	2	2	3	3	3	4	4	4	4	4	6	6
ELECTRICAL													
PHASE	1 or 3	1 or 3	3	3	3	3	1 or 3	3	3	3	3	1 or 3	3
VOLTAGE	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL
FUEL	LP or NG	LP or NG	LP or NG	LP or NG	LP or NG	LP or NG	LP or NG	LP or NG	LP or NG	LP or NG	LP or NG	LP or NG	LP or NG
WEIGHT (LBS.)	14,500	15,500	18,500	21,000	22,500	25,000	24,100	28,600	29,500	30,500	35,000	31,000	39,600
WET BUSHELS FULL HEAT (BPH)													
10 PT. 25-15%	615	670	820	1,245	1,355	1,670	1,250	1,670	1,825	2,040	2,475	1,830	2,480
5 PT. 20-15%	990	1,080	1,330	2,010	2,195	2,700	2,010	2,700	2,950★	3,300★	4,000★	2,950★	4,000★
WET BUSHELS DRY & COOL (BPH)													
10 PT. 25-15%	280	300	375	850	930	1,130	850	1,130	1,120	1,250	1,520	1,120	1,520
5 PT. 20-15%	445	485	600	1,375	1,500	1,835	1,380	1,840	1,800	2,015	2,445	1,800	2,020

Amp and power info can be found on the previous specification pages, listed under the corresponding standard model numbers less the X.

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 – Shortest possible height in [ ].

4 – Quiet Dryer in [ ].

5 – Minimum: Fan[s] & Dryer Load & Unload motor name plate amperages + 5 for control & VFD load.

Maximum: Fan[s] & Dryer Load & Unload & largest auxiliary motor name plate amperages + 5 for control & VFD load.

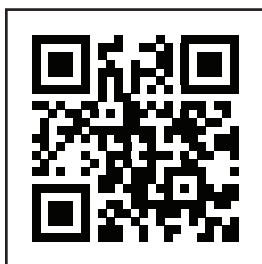
6 – Small Grain Screen Perforations (0.055") are available for canola and other small grains. There will be an approximate 20% reduction in capacity on corn and other large grains.

7 – Single to three phase converters can be used. [see page 13 for details]

† – S-Series dryers are upgradable with additional modules, while the H-Series is not.

★ – Limited by Meter Roll maximum capacity.

Visit [grainsystems.com](http://grainsystems.com) for product specs and info



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