

**INCREASE YIELDS AND IMPROVE PROFITS**

# **PORTABLE GRAIN DRYERS**



**PROVEN & DEPENDABLE™**

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# PROVEN & DEPENDABLE

The demands of farming are never-ending. The risks are high. And, at harvest, every second counts. The window of opportunity to harvest at optimal moisture levels for long-term storage and profitability is narrow. At GSI, we help farmers like you take advantage of early harvest to maximize your profitability with efficient, high-capacity grain dryers.

Harvesting early maximizes your grain quality and income potential by reducing the chance that harsh weather conditions will damage stalks or cause eardrop. In comparison to having your crop dry in the field, drying your grain early ensures yield is at its best, with up to 20 percent reduction in dry matter and head shatter loss. Better harvest conditions also mean your equipment spends less time in the field, minimizing your cost per acre. Our ultimate goal is to help you improve your bottom line.

Never satisfied with the status quo, for over 40 years GSI has provided top-of-the-line products that will protect, condition and move the grain you work so hard to produce. We've continued to lead the industry with grain-drying solutions, such as the launch of the first computerized control systems for dryers in 1993, to meet the changing needs of farms and commercial operations across the globe. We offer the widest selection of dependable grain dryers in the industry with technology that makes drying grain as easy and efficient as possible.

Every GSI dryer features a proven, durable design with easy-to-use controls, heavy-duty galvanized construction, powder-coat finish and industrial-grade components to meet the demands of your operation for years to come.

The quality of our products is matched only by our commitment to stand behind them. Every component we design and produce is pre-tested before installation to ensure your system is running at optimal performance. And we back our claims by independent university and industry testing so you know you have solutions you can count on. We are committed each day to provide the best products and service possible. Our industry experts and worldwide network of dealers provide farming operations with unparalleled expertise and support.

**THAT'S WHY GSI.**

## PORTABLE GRAIN DRYERS

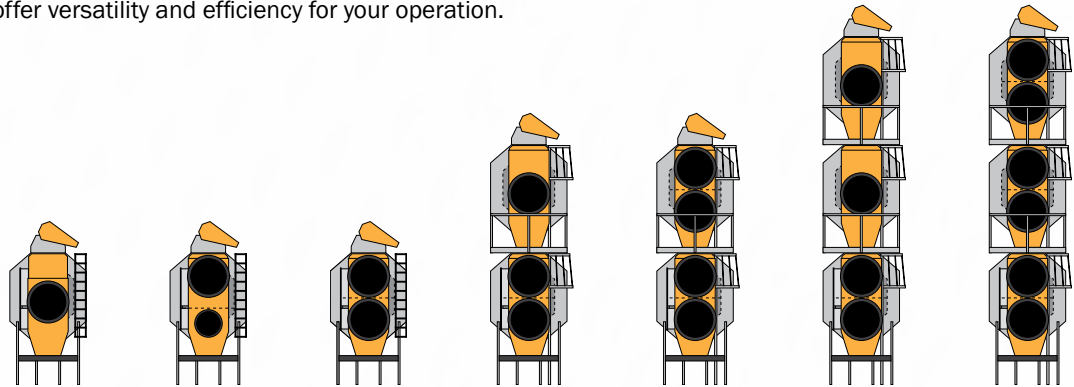
### CHOOSING THE RIGHT PORTABLE DRYER

When drying capacities exceed the ability of a standard in-bin dryer, you can depend on the GSI Portable Dryer lineup for any on-farm drying need. Because every dryer we produce is thoroughly tested throughout the manufacturing process, you can be sure that when it's time for on-farm installation, your dryer will be up and running quickly and efficiently.

Whether you grow corn, soybeans or small grains, GSI single, double or triple module Portable Dryers allow you to start harvesting your grain earlier at higher moisture levels, increasing yields and improving profits. You'll shorten wait time during drying, minimize weather risks, and reduce dry matter and head shatter loss.

GSI Portable Dryers are designed to provide the capacity you need in a footprint your layout can handle. The single module models can be upgraded to 1,160 BPH at 5-point removal All Heat without changing the layout of the load or discharge equipment. Our stack models can be upgraded to 2,450 BPH at 5-point removal Dry & Cool or 4,000 BPH All Heat (with limited cooling bin size and special management) without changing the footprint or concrete foundation. And because they are scalable, you can begin with a simple system that moves grain by an auger or a more advanced system that incorporates an overhead wet bin, drag conveyors and bucket elevators. Also available is the GSI Quiet Dryer, for quieter operation without losing efficiency.

Whichever model you choose, you can depend on GSI's Portable Dryers to offer versatility and efficiency for your operation.



SERIES	1100/Q100	1200/Q200	1200H/Q200H	2300	2400	3400	3600
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
APPROXIMATE DRYING CAPACITY	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	Yes (no dry cool batch)	N/A	Yes	Yes	Yes	Yes	Yes
DRYING MODE	All GSI Portables will do Dry & Cool and All Heat, Continuous Flow, Staged Batch or Batch						
MODELS AVAILABLE IN X-STREAM	N/A	N/A	1220HX 1222HX 1226HX	2320X 2322X 2326X	2420X 2426X	3420X 3422X 3426X	3620X 3626X

# VISION NETWORK DRYER CONTROLS

## THE INDUSTRY'S MOST ADVANCED DRYER CONTROL SYSTEM

The unique GSI Vision Network Dryer Control system is designed to take the guesswork out of operating your GSI Portable Dryer. Vision provides more dryer performance information than any other control system in the industry. 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.

Switching from high/low to on/off fire and other exclusive GSI features, along with many common features, is quick and simple. And, Vision can be easily remote-mounted up to 1,000 feet away from the dryer by using a simple seven-wire harness.



## SYSTEM FEATURES

- 10.4" TFT diagonal 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
- All shut-downs logged with time and date
- Safety disconnect on every dryer
- Low voltage safety circuit
- Includes hour meter

## Moisture Control

Every dryer with GSI Vision is equipped with all the familiar legacy modes of moisture control. Easily select one of the five different modes that best fits your operation's needs, including two of common modes:

- Temperature Based 5-Speed - This control uses grain temperature to determine the final moisture content. Best for all conditions when grain widely varies, the 5-Speed Mode includes automatic speed averaging so that when moisture changes significantly, all five speeds will change accordingly to bring the operation back into sync with the output moisture.
- Moisture Based Infinite Speed - Using the temperature and the two moisture sensors, this system controls the speed infinitely to manage the output moisture of the dryer.

## Electrical Control Features

Each Vision system uses exclusive controls approved by Intertek ETL, a nationally recognized testing laboratory.


- Built to UL 508a and CSA C22.2 No. 14 standards - Certified to U.S. and Canadian electrical requirements
- IEC Branch Breakers - IEC controls are higher quality, rated for more cycles, and meet domestic and international electric codes. All dryers have branch breakers for each motor.
- IEC Motor Overloads - IEC overloads allow a wide range of adjustments to accommodate variances in incoming voltage.
- Auxiliary Auger IEC Contactors/Overloads - Load and unload auxiliary 10 HP motor branch circuits are standard. If load and unload horsepower are specified at time of order, GSI will install up to two larger properly sized breakers, contactors and overloads for your specific application at a reasonable cost.
- Entrelec Terminals - Color-coded Entrelec terminals are used for all computer-control circuit connections, making for easy installation, diagnosis and service.
- Safety Disconnect - Safely disconnects power from main panel for servicing dryer controls, and also provides an easy connection point for incoming electric supply.

## PORTABLE GRAIN DRYERS

### 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.

**1**




**SELECT AUTO-START SETUP FROM THE MAIN MENU**

**2**

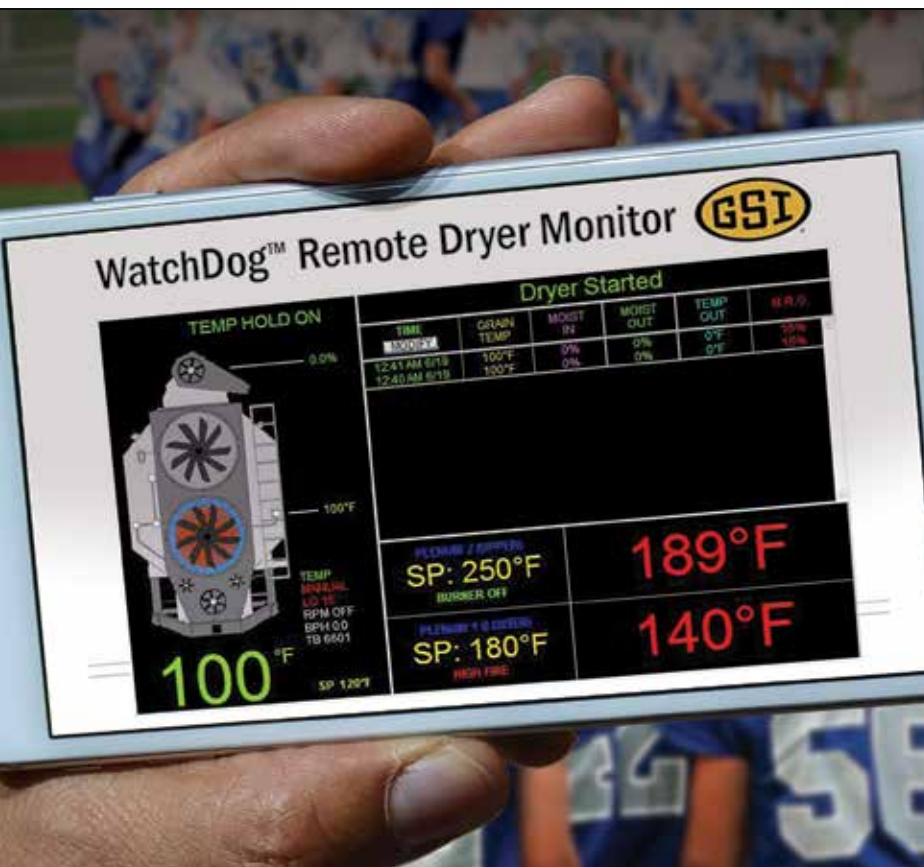


**SELECT GRAIN TYPE**

**3**



**SELECT INCOMING AND OUTGOING MOISTURE**



## REMOTE DRYER CONTROL AND MONITORING

### DRYER CONTROL – SAFELY ACCESSED FROM ANYWHERE

Wherever you are – at home, in the combine or at the local football game – the optional WatchDog™ System lets you take your Vision dryer control with you. Exclusively available from GSI, the smartphone-compatible WatchDog provides you with all the information you need at any time, all from the same Vision interface you use on your dryer unit.

With the exception of starting up the dryer, WatchDog gives you the ability to remotely monitor and safely control dryer functions such as moisture, temperature and dryer status from any web-accessible device with no requirements to download or update an app.

# GSI QUIET DRYER

## QUIET AND EFFICIENT

The Quiet Dryer uses a best-in-class, commercial grade blower - the same blower used in Zimmerman tower dryers - without any loss in capacity or airflow, and with comparable electrical efficiency to GSI vane axial fan portable dryers.

This patent-pending feature, combined with the proven star-fire burner used on vane axial GSI portable dryers, provides an efficient delivery of airflow to the burner.

## Now Available in Dry/Cool

The Dry/Cool Quiet Dryer features a single blower and two plenums, available in either a 60/40 or 50/50 split. This unique, patent-pending, superior engineered design allows for airflow to be optimized in both the upper and lower plenums, which maximizes capacities from model to model; and also provides ultimate flexibility to be operated in any mode – all heat, dry & cool, continuous flow or batch – at a very competitive price.



Single Plenum Quiet Dryer (Q122)

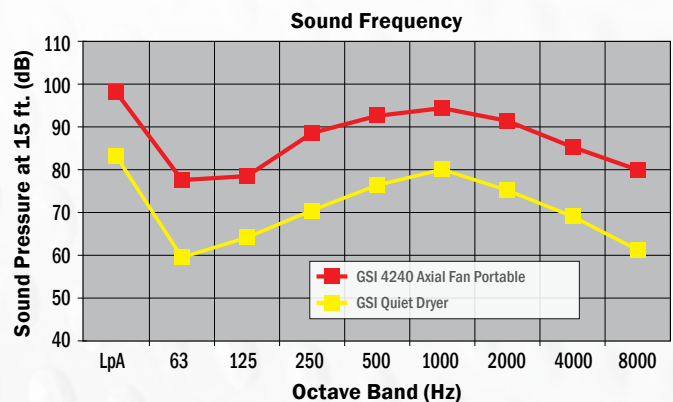
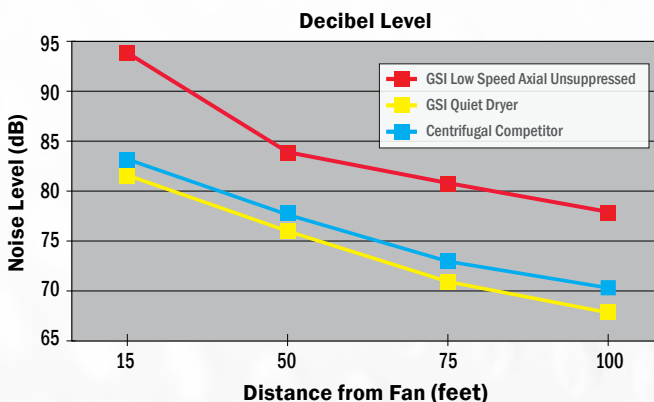


Dry/Cool Quiet Dryer (Q226)

## You Have to Hear it to Believe It

Noise is a common occupational hazard and around the farm, your grain system is a high-level source. The first time you hear a GSI Quiet Dryer, you'll realize just how much the reduced noise level and improved tone increase the comfort level of the work area.

The GSI Quiet Dryer is 50% quieter than vane axial portable dryers, and with a frequency centered in the 1,000 Hz range, it produces a more comfortable, less harsh tone.



# X-STREAM™ DRYERS

## PORTABLE GRAIN DRYERS



### MAXIMUM EFFICIENCY, UNSURPASSED QUALITY

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.

### Unparalleled Performance

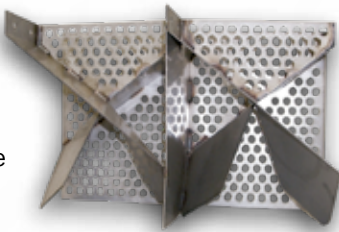
For even greater performance and the highest efficiency possible, add the optional GSI Grain Inverters. Combined, the grain inverters and the X-Stream stack dryer design dry grain evenly from front to back and across the entire column without the loss of usable heat. This combination of exclusive GSI features gives you the most efficient portable dryer on the market.

### GRAIN INVERTERS

To promote even, consistent drying and higher test weights, and to reduce operating costs, add a patented GSI Grain Inverter option to your stack dryer.

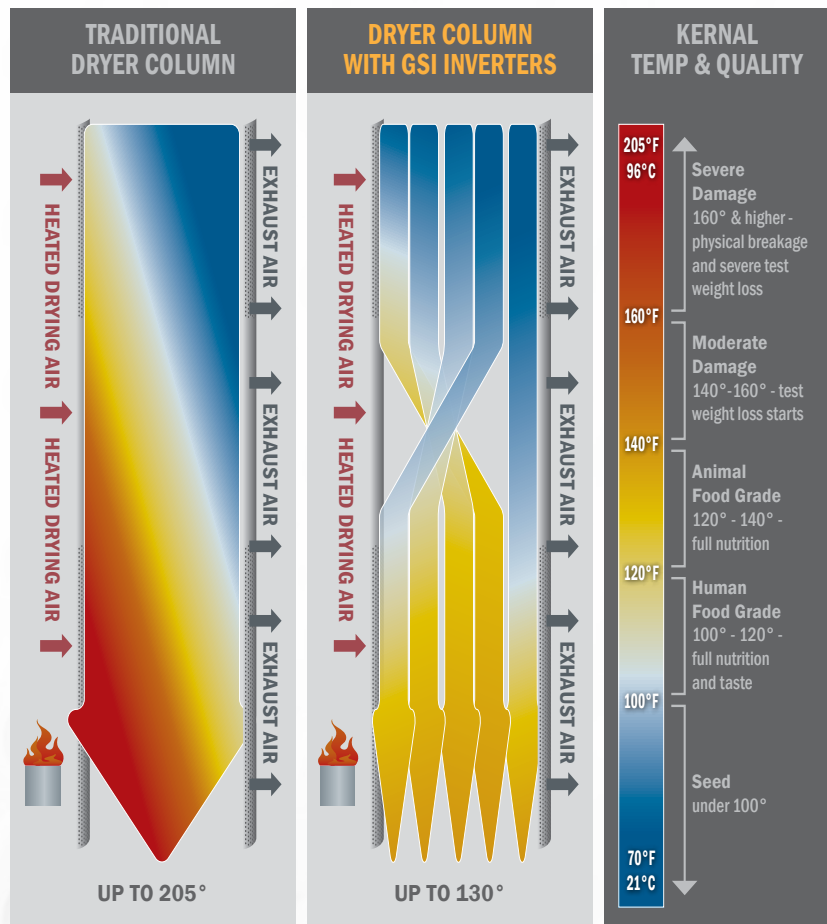
#### How it works

The GSI Grain Inverter redirects the warmest grain from the inside of the column to be next to the wettest grain at the outside of the column where it is dried by the captured heat which would have otherwise escaped the dryer.



By inverting all but the outside two inches of grain from the outside of the grain column to the inside, this process maintains optimal grain temperature and maximizes grain quality while using less fuel and significantly reducing operating costs.

In addition, the convenient clean-out door makes maintenance quick and easy.



# FEATURES

## PORTABLE GRAIN DRYERS



### HIGH EFFICIENCY BURNERS

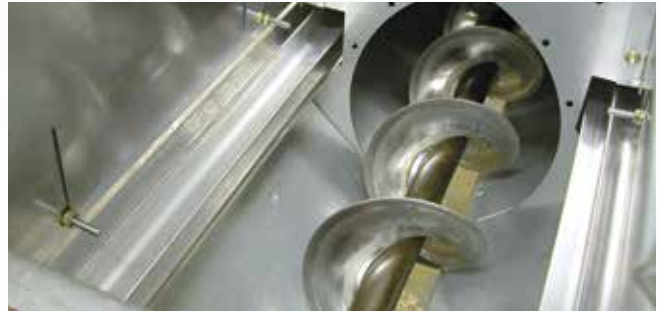
Wherever you farm, whatever the weather conditions, GSI's high-efficiency burners are proven to provide even heat and deliver maximum airflow to the dryer's plenum. Single module dryers are equipped with high-quality ASCO valves. MAXON™ gate valves are the primary main gas supply valves on stackable dryers. 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.

**Exclusive On/Off Fire** - Only available and 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.



### STATIC MOISTURE SAMPLER

Improve your moisture sample accuracy with the Static Moisture Sampler. Debris guards ensure a trash-free, accurate sample. Our 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. Based on more accurate moisture readings, your dryer adjusts to provide optimal results. GSI's sampling innovation moves the grain with air, with no gear boxes, pulleys, belts or other conventional moving parts. The sampling chamber is blown empty, completely cleaning it every cycle.



### AC METERING ROLLS & ADJUSTABLE FLOW GATES

Meter rolls with AC Variable Frequency Drive (VFD) provide a gentle flow of grain to the auger. Each dryer is equipped with a 4" metering roll. Adjustable gates handle more adverse conditions. When grain quality is poor and debris is present, the 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. Whether using the 4" or 7" metering roll system, this proven design allows material to flow easily, resulting in a smooth transition from your dryer to your handling system.

The AC Metering Motor with VFD allows you to set unload speeds without the need for time-consuming calibration. AC motors are considerably more durable and require limited maintenance.



### 8" DURA-EDGE® AUGER FLIGHTING

All GSI augers feature Dura-Edge® 8" diameter flighting with a 1/4" ribbon. The Dura-Edge flighting has an outside edge that is 30% thicker than regular flighting.

Only GSI augers are double-flighted at the intake end. This proven design is durable for a longer life, increased dependability and ease of maintenance.



# HEAT, TIME AND AIR: THE PERFECT BALANCE



## **LARGEST GRAIN HOLDING CAPACITY**

Apply excessive heat and you compromise grain quality. Larger grain column holding makes achieving rated drying capacity more likely. 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.

## **Even Heat and Grain Quality**

High/Low fire cycling helps to maintain a uniform plenum temperature. The 14" wide columns hold the maximum amount of grain while minimizing the difference from the inside to the outside of the column. Each plenum chamber also has an air-mixing chamber to thoroughly mix the air and heat and to shield the grain columns from infrared damage. Multiple heat zones in two-fan and larger model dryers put the hottest air on the highest moisture grain where a Grain Inverter is not installed.



## **OPTIMIZED AIRFLOW**

In all GSI dryers, the 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.

## **Composite Polymer Vane Axial Fan Blades**

More efficient than centrifugal fans, axial fans with composite polymer blades allow for a very low starting load which extends motor life and requires no rebalancing during the life of the dryer.

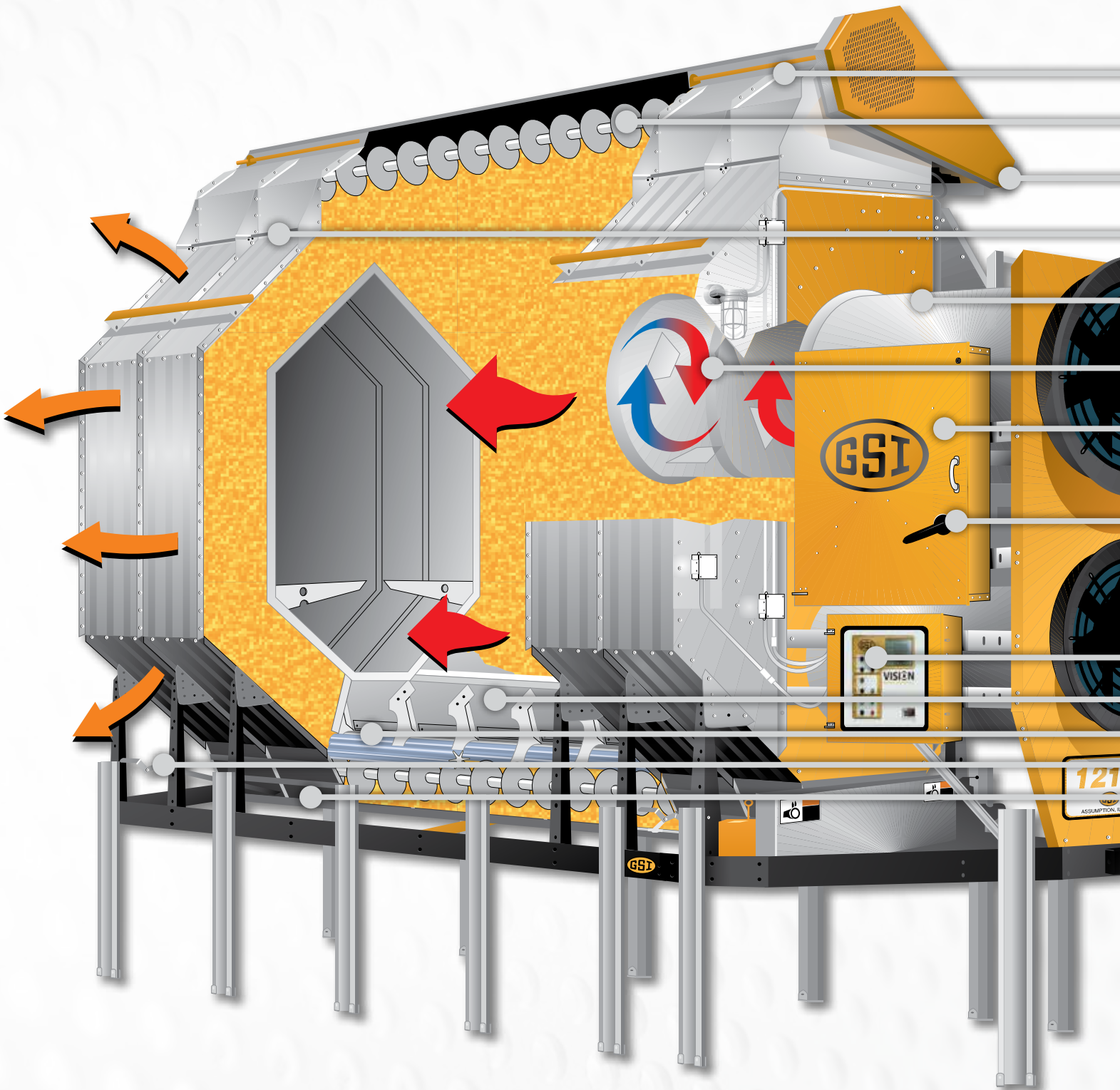


## **Quiet Blowers**

Quiet Dryers feature blowers which are quieter and produce a more comfortable tone than vane axial blades without any loss in efficiency. This is the same durable commercial grade blower used on Zimmerman Tower Dryers.

# FEATURES

## PORTABLE GRAIN DRYERS



## **LOW-PROFILE, FOLD-UP WET BIN**

Perforated wet bin maximizes the pre-heating of grain.

## **LEVEL AUGER WITH DURA-EDGE® FLIGHTING**

30 percent thicker than regular flighting for longer life. [SEE PAGE 12 FOR MORE INFO.](#)

## **TURNBUCKLE BELT TIGHTENER**

For easy tensioning and maintenance.

## **THREE-PIECE SIDEWALL PANEL SCREENS**

Each sidewall panel – top angle, bottom angle and side sections – is available in optional stainless steel to offer long-lasting protection against rust and corrosion.

## **GSI'S PROVEN BURNERS**

Even heat with maximum airflow. [SEE PAGE 8 FOR MORE INFO.](#)

## **AIR MIXING CHAMBERS**

Thoroughly mix heat and air before they enter the drying chamber. Mixing vanes eliminate hot spots and create a more uniform plenum temperature.

## **DISTRIBUTION BOARD/CIRCUIT BOX**

Industrial-grade IEC-rated contactors, breakers and overloads ensure durability and quality while the provided load and unload auxiliary contactors help reduce installation costs.

## **CIRCUIT BREAKER**

Non-service rated safety disconnect circuit breaker integrated into door handle for safe, economical installation and maintenance.

## **OPTIMIZED AIRFLOW**

Airflow sized to match the basket for consistent efficiency & capacity. [SEE PAGE 9 FOR MORE INFO.](#)

## **THE INDUSTRY'S MOST ADVANCED DRYER CONTROL SYSTEM**

Vision controls touchscreen display for easier operation. [SEE PAGE 4 FOR MORE INFO.](#)

## **ADJUSTABLE FLOW GATES**

Allow customized control of grain volume in each column for more consistent drying when grain quality is poor and debris is present. [SEE PAGE 7 FOR MORE INFO.](#)

## **MAKE A SMOOTH TRANSITION FROM DRYER TO GRAIN HANDLING EQUIPMENT**

Meter roll with AC Variable Frequency Drive (VFD) allows material to flow easily resulting in less clogging. [SEE PAGE 7 FOR MORE INFO.](#)

## **DISCHARGE AUGER CLEAN-OUT DOORS**

Operated by lever outside of dryer frame, making opening the auger clean-out doors quicker and easier.

## **LARGE PLENUM CLEAN-OUT DOORS**

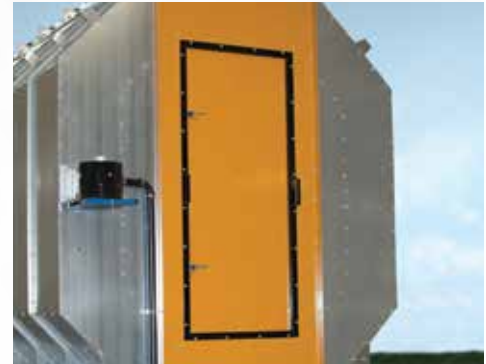
Column doors designed to allow for easy access and cleaning out.

# PROVEN DESIGN FOR EASE OF USE

## TALLER REAR ACCESS DOOR

The new 29"x72" access door used on modules with a single fan and 29"x48" used on 60/40 split 2 fan modules greatly improve accessibility and safety when entering the plenum of the dryer.

The taller access doors are standard on 1100, 1200, 2300, and 3400 Series Portable Dryers.



## REAR DISCHARGE AUTO-SHUTDOWN

Should your takeaway system stop for any reason, the auto-shutdown moves into action to eliminate equipment damage. The automatic discharge shutdown operates off of a hinged lid switch at the rear 2' discharge extension. Shutdown is activated when grain overfills the discharge auger, which forces the lid open.



## COLLECT-A-SAMPLE

The manual "Collect-A-Sample" enables you to sample the same grain that runs across the moisture sensor used to control the dryer. By manually testing the same grain used to control the dryer, you are able to get the most accurate reading to ensure your dryer is running at optimum performance.



## IMPROVED LADDER DESIGN

The standard ladder package for GSI Portable Dryers has been redesigned to meet the latest OSHA specifications.

GSI ladders feature heavy-duty construction and slip-resistant patterns to provide extra grip in wet conditions.



## PORTABLE GRAIN DRYERS



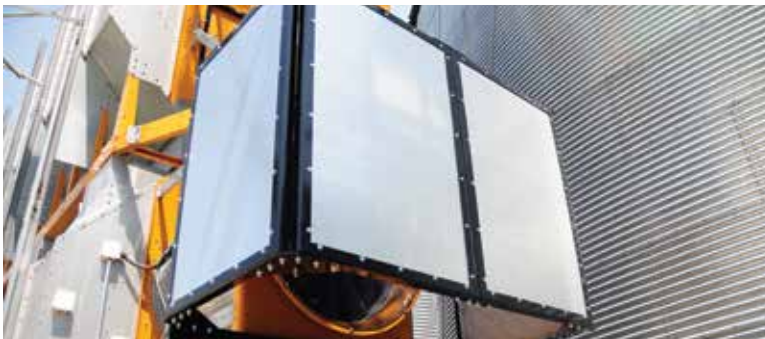
### FRONT AND REAR SERVICE PLATFORMS

Serviceability and ease-of-use have long been a focus of GSI portable dryers. Front and rear service platforms can be installed on any single or stacked module portable dryer. Service platforms include OSHA compliant safety gates and powder coated handrails. Stacked dryers include platform(s) on the upper modules with optional platform for the bottom module.



### NEW! SINGLE TO 3 PHASE CONVERTER

This factory-installed option allows you to convert single phase 230V power to 3 phase and run larger capacity dryers with high horsepower fans. Available on all Quiet Dryers and standard vane axial dryers with 20-40 HP fans.



### NOISE SUPPRESSOR

The optional noise suppressor system will reduce the noise level of vane axial fan dryers at 15' to one-fourth the OSHA 8-hour exposure limit.

**Ultra Quiet** - High tech noise absorption material maximizes noise reduction. Reduces decibels significantly at 15' from 93 dB to 82 dB.

**Ease of Installation, Maintenance** - Easy to install with minimal time and effort. Open top and bottom allow for easy service and maintenance of fans and motors. Retro-fits on all GSI and FFI axial fan dryers. Not available on Quiet Dryer Models.



### HEAT RECLAIMER

On multi-fan dryers, the Heat Reclaimer reduces the amount of heat lost when operating in Dry & Cool mode and recycles it, reducing fuel consumption and lowering operating costs by as much as 30%.

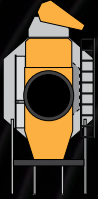
Open ductwork is optimally sized for no capacity loss as it prevents accumulation of fine material. Sized to reduce air velocity, very little chaff or air debris is pulled into the dryer. A Heat Reclaimer can be integrated with GSI's Noise Suppressor System. Not available on Quiet Dryer Models.

# 1100/Q100 SERIES

## PORTABLE GRAIN DRYER SPECS

**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.



# 1100/Q100

	1108	1112/Q112	1114/Q114	1116/Q116	1118/Q118	1120/Q120	1122/Q122	1126/Q126
<b>DRYING CAPACITY, SHELLED CORN<sup>1</sup></b>								
<b>DRY AND COOL 25% TO 15% STAGED BATCH</b>	170 BPH	210 BPH	250 BPH	280 BPH	320 BPH	360 BPH	390 BPH	460 BPH
<b>DRY AND COOL 20% TO 15% STAGED BATCH</b>	220 BPH	270 BPH	320 BPH	370 BPH	430 BPH	480 BPH	520 BPH	610 BPH
<b>FULL HEAT 30% TO 15%<sup>2</sup></b>	190 BPH	250 BPH	300 BPH	320 BPH	380 BPH	410 BPH	460 BPH	540 BPH
<b>FULL HEAT 25% TO 15%<sup>2</sup></b>	260 BPH	340 BPH	390 BPH	440 BPH	510 BPH	560 BPH	610 BPH	720 BPH
<b>FULL HEAT 20% TO 15%<sup>2</sup></b>	420 BPH	530 BPH	610 BPH	710 BPH	820 BPH	910 BPH	990 BPH	1,160 BPH
<b>BASIC CONSTRUCTION</b>	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
<b>GRAIN COLUMNS</b>	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
<b>TOTAL HOLDING CAPACITY</b>	219 BU	327 BU	381 BU	436 BU	490 BU	544 BU	599 BU	708 BU
<b>GRAIN COLUMN HOLDING CAP.</b>	190 BU	282 BU	329 BU	376 BU	423 BU	470 BU	517 BU	611 BU
<b>TOP AUGER (LOADING) CAPACITY</b>	8" Flight / 2 HP 3,800 BPH	8" Flight / 2 HP 3,800 BPH	8" Flight / 3 HP 3,800 BPH	8" Flight / 5 HP 3,800 BPH	8" Flight / 5 HP 3,800 BPH	8" Flight / 7.5 HP 3,800 BPH	8" Flight / 7.5 HP 3,800 BPH	8" Flight / 10 HP 3,800 BPH
<b>BOTTOM AUGER (UNLOADING)</b>	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
<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	VFD, 1 HP
<b>MAXIMUM CAPACITY</b>	1,125 BPH	1,680 BPH	1,960 BPH	2,240 BPH	2,520 BPH	2,800 BPH	3,080 BPH	3,640 BPH
<b>TRANSPORT LENGTH (HITCH TO DISCHARGE AUGER)<sup>4</sup></b>	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")
<b>TRANSPORT WIDTH</b>	8'	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")	13'5" (11'9")
<b>TRANSPORT WEIGHT (APPROX.)<sup>4</sup></b>	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)
<b>INSTALLED LENGTH<sup>4</sup></b>	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")
<b>INSTALLED WIDTH</b>	8'	8'	8'	8'	8'	8'	8'	8'
<b>INSTALLED HEIGHT (EXCLUDING FOUNDATION SUPPORTS)</b>	14'6"	14'6"	14'6"	14'6"	14'6"	14'6"	14'6"	14'6"
<b>HEATER (MAX BTU)</b>	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
<b>FAN 1 PH</b>	10-16 HP, 36"	10-16 HP, 36"	10-16 HP, 40"	10-16 HP, 40"	N/A	N/A	N/A	N/A
<b>FAN 3 PH</b>	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>								
<b>SINGLE PHASE, 230 V.</b>	101/122	101/156	109/164	124/179	N/A	N/A	N/A	N/A
<b>THREE PHASE, 208 V.</b>	57/95	57/95	64/115	77/127	88/138	117/193	128/204	167/244
<b>THREE PHASE, 230 V.</b>	53/83	53/88	60/108	71/120	81/130	107/178	117/188	157/228
<b>THREE PHASE, 460 V.</b>	29/41	29/44	32/54	38/60	43/65	56/89	61/94	81/114
<b>THREE PHASE, 575 V.</b>	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>
<b>FAN 1 PH</b>	10-16 HP, 49"	15 HP, 49"	15 HP, 49"	N/A	N/A	N/A	N/A
<b>FAN 3 PH</b>	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>							
<b>SINGLE PHASE, 230 V.</b>	82/178	112/213	112/213	N/A	N/A	N/A	N/A
<b>THREE PHASE, 220 V.</b>	49/113	65.4/145	65.4/145	86.4/168	100/215	116/233	148/271
<b>THREE PHASE, 440 V.</b>	24.5/61.4	32.7/78	32.7/78	43.2/89	58/121	58/121	74/140

See page 19 for additional annotation.



# 1200/Q200 SERIES

## PORTABLE GRAIN DRYER SPECS

**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 – for maximum flexibility.

# 1200/Q200

	1214/Q214	1216/Q216	1218/Q218	1220/Q220	1222/Q222	1226/Q226
<b>DRYING CAPACITY, SHELLED CORN<sup>1</sup></b>						
<b>DRY AND COOL 25% TO 15%</b>	250 BPH	290 BPH	320 BPH	350 BPH	400 BPH	450 BPH
<b>DRY AND COOL 20% TO 15%</b>	400 BPH	470 BPH	510 BPH	560 BPH	640 BPH	730 BPH
<b>FULL HEAT 30% TO 15%<sup>2</sup></b>	330 BPH	380 BPH	410 BPH	430 BPH	480 BPH	540 BPH
<b>FULL HEAT 25% TO 15%<sup>2</sup></b>	420 BPH	480 BPH	520 BPH	590 BPH	650 BPH	730 BPH
<b>FULL HEAT 20% TO 15%<sup>2</sup></b>	680 BPH	770 BPH	840 BPH	950 BPH	1,060 BPH	1,180 BPH
<b>BASIC CONSTRUCTION</b>	1 Module / 2 Stages	1 Module / 2 Stages	1 Module / 2 Stages	1 Module / 2 Stages	1 Module / 2 Stages	1 Module / 2 Stages
<b>GRAIN COLUMNS</b>	14" x 14' Long	14" x 16' Long	14" x 18' Long	14" x 20' Long	14" x 22' Long	14" x 26' Long
<b>TOTAL HOLDING CAPACITY</b>	381 BU	436 BU	490 BU	544 BU	599 BU	708 BU
<b>GRAIN COLUMN HOLDING CAP.</b>	329 BU	376 BU	423 BU	470 BU	517 BU	611 BU
<b>TOP AUGER (LOADING)</b>	8" 5 HP	8" 5 HP	8" 5 HP	8" 7.5 HP	8" 7.5 HP	8" 10 HP
<b>CAPACITY</b>	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 5 HP	8" Flight/10" Tube 7.5 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
<b>MAXIMUM CAPACITY</b>	1,960 BPH	2,240 BPH	2,520 BPH	2,800 BPH	3,080 BPH	3,640 BPH
<b>TRANSPORT LENGTH (HITCH TO DISCHARGE AUGER)<sup>4</sup></b>	23'2" (28'10")	25'2" (30'10")	27'2" (33'10")	29'2" (35'10")	31'2" (37'10")	35'2" (41'10")
<b>TRANSPORT WIDTH</b>	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")
<b>TRANSPORT WEIGHT (APPROX.)<sup>4</sup></b>	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)
<b>INSTALLED LENGTH<sup>4</sup></b>	21'2" (26'10")	23'2" (28'10")	25'2" (31'10")	27'2" (33'10")	29'2" (35'10")	33'2" (37'10")
<b>INSTALLED WIDTH</b>	8'	8'	8'	8'	8'	8'
<b>INSTALLED HEIGHT (EXCLUDING FOUNDATION SUPPORTS)</b>	14'6"	14'6"	14'6"	14'6"	14'6"	14'6"
<b>HEATERS (MAX BTU)</b>	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
<b>FANS 1 PH</b>	1@12 HP, 36" 1@12 HP, 28"	1@15 HP, 36" 1@10 HP, 28"	1@15 HP, 36" 1@10 HP, 28"	1@15 HP, 40" 1@10 HP, 28"	N/A N/A	N/A N/A
<b>FANS 3 PH</b>	1@12 HP, 36" 1@12 HP, 28"	1@15 HP, 36" 1@10 HP, 28"	1@15 HP, 36" 1@10 HP, 28"	1@15 HP, 40" 1@12 HP, 28"	1@20 HP, 42" 1@12 HP, 28"	1@25 HP, 42" 1@12 HP, 28"
<b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.)<sup>5</sup></b>						
<b>SINGLE PHASE, 230 V.</b>	157/212	177/232	177/232	191/246	N/A	N/A
<b>THREE PHASE, 208 V.</b>	112/162	112/162	112/162	125/202	136/213	164/240
<b>THREE PHASE, 230 V.</b>	99/148	104/153	104/153	116/187	126/197	154/225
<b>THREE PHASE, 460 V.</b>	52/74	55/76	55/76	61/93	66/98	80/112
<b>THREE PHASE, 575 V.</b>	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>
<b>FAN 1 PH</b>	15 HP, 49"	15 HP, 49"	N/A	N/A	N/A	N/A
<b>FAN 3 PH</b>	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>						
<b>SINGLE PHASE, 230 V.</b>	112/213	112/213	N/A	N/A	N/A	N/A
<b>THREE PHASE, 220 V.</b>	65.4/145	65.4/145	86.4/168	100/215	116/233	148/271
<b>THREE PHASE, 440 V.</b>	32.7/78	32.7/78	43.2/89	58/121	58/121	74/140

See page 19 for additional annotation.

# 1200S&H/Q200S&H SERIES

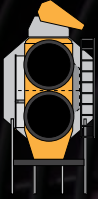
## PORTABLE GRAIN DRYER SPECS

**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 definite 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.



# 1200S&H/Q200S&H

	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 CAP.	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")
TRANSPORT WEIGHT (APPROX.) <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 FOUNDATION 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 1 PH	15 HP, 49"	N/A	N/A	N/A	N/A
FAN 3 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.	112/213	N/A	N/A	N/A	N/A
THREE PHASE, 220 V.	65.4/145	86.4/168	100/215	116/233	148/271
THREE PHASE, 440 V.	32.7/78	43.2/89	58/121	58/121	74/140

See page 19 for additional annotation.



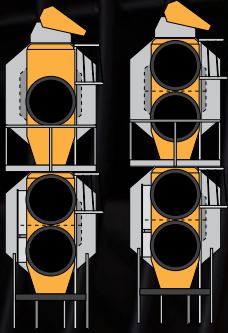


# 2300 & 2400 SERIES

## PORTABLE GRAIN DRYER SPECS

**2300 Series Configuration:** Two modules, three fans and heaters, one on the upper module and two on the lower module.

**2400 Series Configuration:** Two modules, four fans and heaters, two on the upper module and two on the lower module



**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.) Economical design 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.

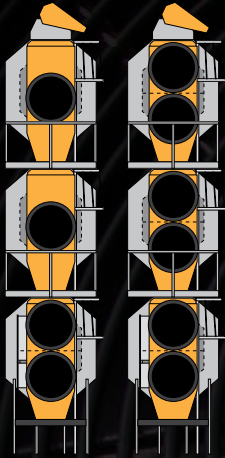
# 2300 & 2400

	2314	2318	2320	2322	2326	2420	2426
<b>DRYING CAPACITY, SHELLED CORN<sup>1</sup></b>							
<b>DRY AND COOL 25% TO 15%</b>	620 BPH	770 BPH	850 BPH	930 BPH	1,130 BPH	850 BPH	1,130 BPH
<b>DRY AND COOL 20% TO 15%</b>	1,000 BPH	1,240 BPH	1,380 BPH	1,500 BPH	1,840 BPH	1,380 BPH	1,840 BPH
<b>FULL HEAT 30% TO 15%<sup>2</sup></b>	670 BPH	830 BPH	920 BPH	1,010 BPH	1,200 BPH	920 BPH	1,200 BPH
<b>FULL HEAT 25% TO 15%<sup>2</sup></b>	900 BPH	1,120 BPH	1,250 BPH	1,360 BPH	1,670 BPH	1,250 BPH	1,670 BPH
<b>FULL HEAT 20% TO 15%<sup>2</sup></b>	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)</b>	23'2"	27'2"	29'2"	31'2"	35'2"	29'2"	35'2"
<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>TRANSPORT WEIGHT (APPROX.) (LESS TRANSPORT KIT)</b>	16,000 lbs.	19,000 lbs.	21,000 lbs.	22,500 lbs.	25,000 lbs.	23,500 lbs.	28,000 lbs.
<b>INSTALLED LENGTH</b>	23'10"	27'10"	29'10"	31'10"	35'10"	29'10"	35'10"
<b>INSTALLED WIDTH</b>	8'8"	8'8"	8'8"	8'8"	8'8"	8'8"	8'8"
<b>INSTALLED HEIGHT (EXCLUDING FOUNDATION SUPPORTS)</b>	25'11"	25'11"	25'11"	25'11"	25'11"	25'11"	25'11"
<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>HEATERS (MAX BTU)</b>	1@5.5 Mil. btu/hr	1@6.75 Mil. btu/hr	1@7.5 Mil. btu/hr	1@8.75 Mil. btu/hr	1@10.25 Mil. btu/hr	4@4.5 Mil. btu/hr	4@6.75 Mil. btu/hr
	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		
<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

See page 19 for additional annotation.

# 3400 / 3600 SERIES

## PORTABLE GRAIN DRYER SPECS



**3400 Series Configuration:** Three modules, four fans & 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.

**Application:** The maximum grain drying capacity in a Portable Dryer unit 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.

# 3400 & 3600

	3414	3418	3420	3422	3426	3620	3626
<b>DRYING CAPACITY, SHELLED CORN<sup>1</sup></b>							
<b>DRY AND COOL 25% TO 15%</b>	840 BPH	1,040 BPH	1,120 BPH	1,250 BPH	1,520 BPH	1,120 BPH	1,520 BPH
<b>DRY AND COOL 20% TO 15%</b>	1,340 BPH	1,670 BPH	1,800 BPH	2,020 BPH	2,450 BPH	1,800 BPH	2,450 BPH
<b>FULL HEAT 30% TO 15%<sup>2</sup></b>	1,000 BPH	1,250 BPH	1,400 BPH	1,510 BPH	1,820 BPH	1,400 BPH	1,820 BPH
<b>FULL HEAT 25% TO 15%<sup>2</sup></b>	1,360 BPH	1,680 BPH	1,830 BPH	2,040 BPH	2,480 BPH	1,830 BPH	2,480 BPH
<b>FULL HEAT 20% TO 15%<sup>2</sup></b>	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) CAPACITY</b>	5 HP 3,800 BPH	5 HP 3,800 BPH	7.5 HP 3,800 BPH	7.5 HP 3,800 BPH	10 HP 3,800 BPH	7.5 HP 3,800 BPH	10 HP 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)</b>	23'2"	27'2"	29'2"	31'2"	35'2"	29'2"	35'2"
<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>TRANSPORT WEIGHT (APPROX.) (LESS TRANSPORT KIT)</b>	23,000 lbs.	26,500 lbs.	29,500 lbs.	30,500 lbs.	35,000 lbs.	30,170 lbs.	38,750 lbs.
<b>INSTALLED LENGTH</b>	23'10"	27'10"	29'10"	31'10"	35'10"	29'10"	35'10"
<b>INSTALLED WIDTH</b>	8'8"	8'8"	8'8"	8'8"	8'8"	8'8"	8'8"
<b>INSTALLED HEIGHT (EXCLUDING FOUNDATION SUPPORTS)</b>	37'3"	37'3"	37'3"	37'3"	37'3"	37'3"	37'3"
<b>FANS 1 PH</b>	2@15 HP, 40" 2@12 HP, 28"	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
<b>FANS 3 PH</b>	2@15 HP, 40" 2@12 HP, 28"	2@20 HP, 42" 2@10-12 HP, 36"	2@25 HP, 42" 2@15 HP, 36"	2@30 HP, 42" 2@15 HP, 36"	2@40 HP, 42" 2@25 HP, 40"	6@15 HP, 36"	6@25 HP, 40"
<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
<b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.)<sup>5</sup></b>							
<b>SINGLE PHASE, 230 V.</b>	303/358	N/A	N/A	N/A	N/A	N/A	N/A
<b>THREE PHASE, 208 V.</b>	188/238	210/260	266/343	266/343	300/377	295/377	539/620
<b>THREE PHASE, 230 V.</b>	175/224	183/232	245/316	245/316	279/350	273/349	441/517
<b>THREE PHASE, 460 V.</b>	90/112	94/116	125/158	135/168	192/225	139/177	223/261
<b>THREE PHASE, 575 V.</b>	81/98	88/106	103/130	111/138	154/181	117/149	179/211

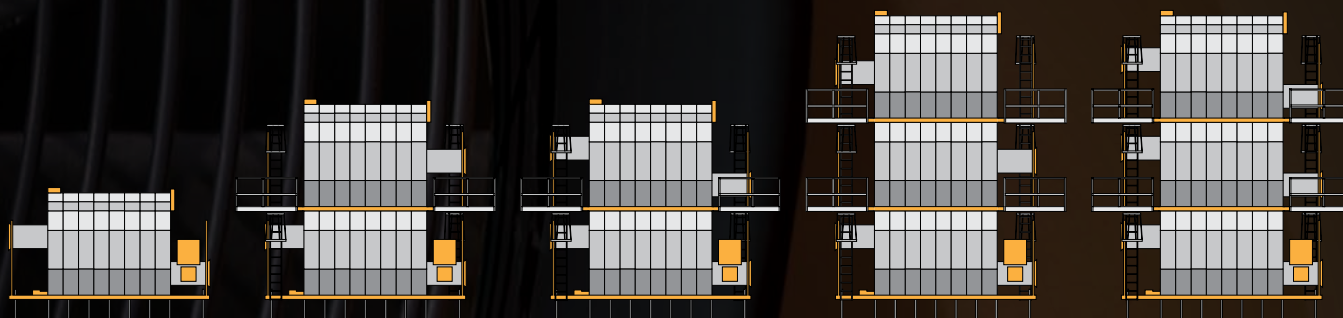
See page 19 for additional annotation.

# X-STREAM SERIES

## PORTABLE GRAIN DRYER SPECS

**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.



## X-STREAM

	1220SX & 1220HX †	1222SX & 1222HX †	1226SX & 1226HX †	2320X	2322X	2326X	2420X	2426X	3420X	3422X	3426X	3620X	3626X
<b>STACKABLE</b>													
<b>MODULES</b>	1	1	1	2	2	2	2	2	3	3	3	3	3
<b>FANS</b>	2	2	2	3	3	3	4	4	4	4	4	6	6
<b>ELECTRICAL</b>													
<b>PHASE</b>	1 or 3	1 or 3	3	3	3	3	1 or 3	3	3	3	3	1 or 3	3
<b>VOLTAGE</b>	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL
<b>FUEL</b>	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
<b>WEIGHT (LBS.)</b>	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
<b>WET BUSHELS FULL HEAT (BPH)</b>													
<b>10 PT. 25-15%</b>	615	670	820	1,245	1,355	1,670	1,250	1,670	1,825	2,040	2,475	1,830	2,480
<b>5 PT. 20-15%</b>	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*
<b>WET BUSHELS DRY &amp; COOL (BPH)</b>													
<b>10 PT. 25-15%</b>	280	300	375	850	930	1,130	850	1,130	1,120	1,250	1,520	1,120	1,520
<b>5 PT. 20-15%</b>	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.

- 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.
  - Grain discharged hot from the dryer will result in a final moisture content of 15% after cooling in the bin.
  - Shortest possible height in ( ).
  - Quiet Dryer in ( ).
  - 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.
  - 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.
  - 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.

# COMPLETE YOUR GSI SYSTEM

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## 40-SERIES™ GRAIN BINS

When determining the best system for your operation, we know that what is protected inside the bin is what counts the most. Every product we design, engineer and build is based on this foundation.



## TOPDRY

Grain in the overhead chamber is dried by a large fan and heater then dumped to a holding area below. An aeration fan below captures heat from this previously dried grain, and pushes it upward to help dry the next load. This recycling of heat increases efficiency, which greatly reduces drying costs.



## MATERIAL HANDLING

GSI's material handling line includes bucket elevators, chain conveyors, belt conveyors, bin unloads, and chain loops. Also available are towers, catwalks, and support structures.



## GLOBAL SOLUTIONS. LOCAL SUPPORT.

GSI and GSI Dealers alike share the same passion and commitment to our customers. GSI Dealers understand down time is not an option, construction schedules must be met. From site planning to installation and service, GSI Dealers are the proven partners for your operation. When you buy GSI, you get the quality product of a worldwide leader and the dependable service of your local Dealership.

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**GS-020 JANUARY 2018**