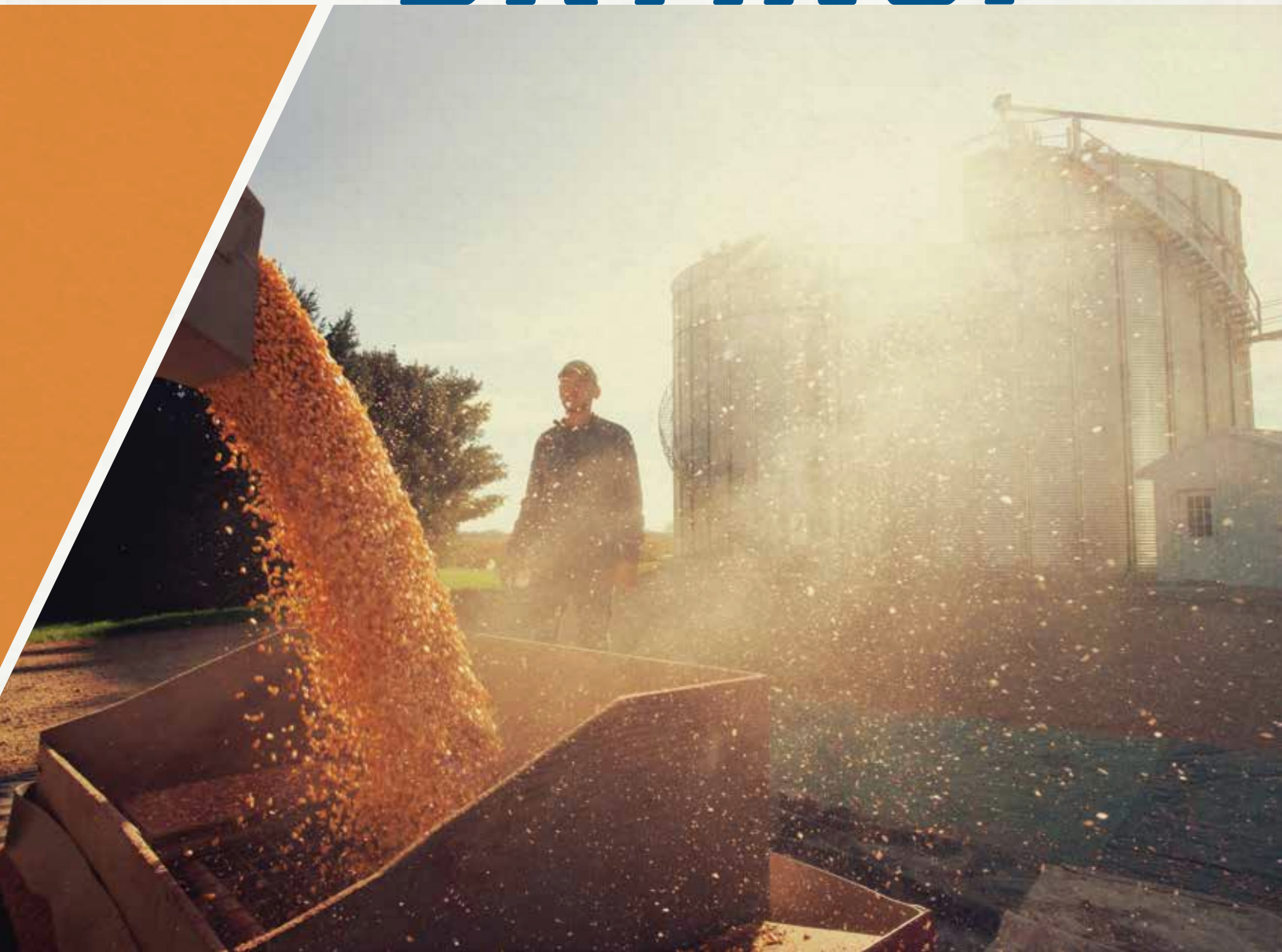


**YOU KEEP HARVESTING,
WE'LL KEEP
DRYING.**



A HISTORY OF GRAIN HANDLING & DRYING INNOVATION

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SHIVERS HAS BEEN THE RECOGNIZED LEADER IN COUNTER-FLOW GRAIN DRYING TECHNOLOGY FOR MORE THAN 50 YEARS.

The brand today offers a complete line of high-volume, high-efficiency, fully automatic grain handling and drying options with capacities of 6,000 to 60,000 bushels per day.

The family-owned company got its start when brothers Charles and Gerald Shivers developed and patented a tapered sweep auger that significantly improved the flow and transfer of grain within a drying bin compared to conventional augers at the time.

As the company grew and expanded, Shivers earned a reputation for quality and value — as well as innovation — and continues to introduce new technologies and components into its Counter-Flow drying systems that match the growing needs of today's agriculture.

Designed and manufactured in the U.S.A., no other brand — no other drying system — can match the combination of built-in surge capacity, efficiency and flexibility of the Shivers Performance System.



VISIT SHIVERS.COM FOR MORE INFORMATION AND TO FIND A DEALER NEAR YOU.

THE SHIVVERS PERFORMANCE SYSTEM

**COUNTER-FLOW DRYING:
COST-EFFECTIVE, FUEL-EFFICIENT,
GRAIN-QUALITY PRESERVING.**

CERTIFIED DRYING CAPACITIES, COMPREHENSIVE DRYING SYSTEMS.

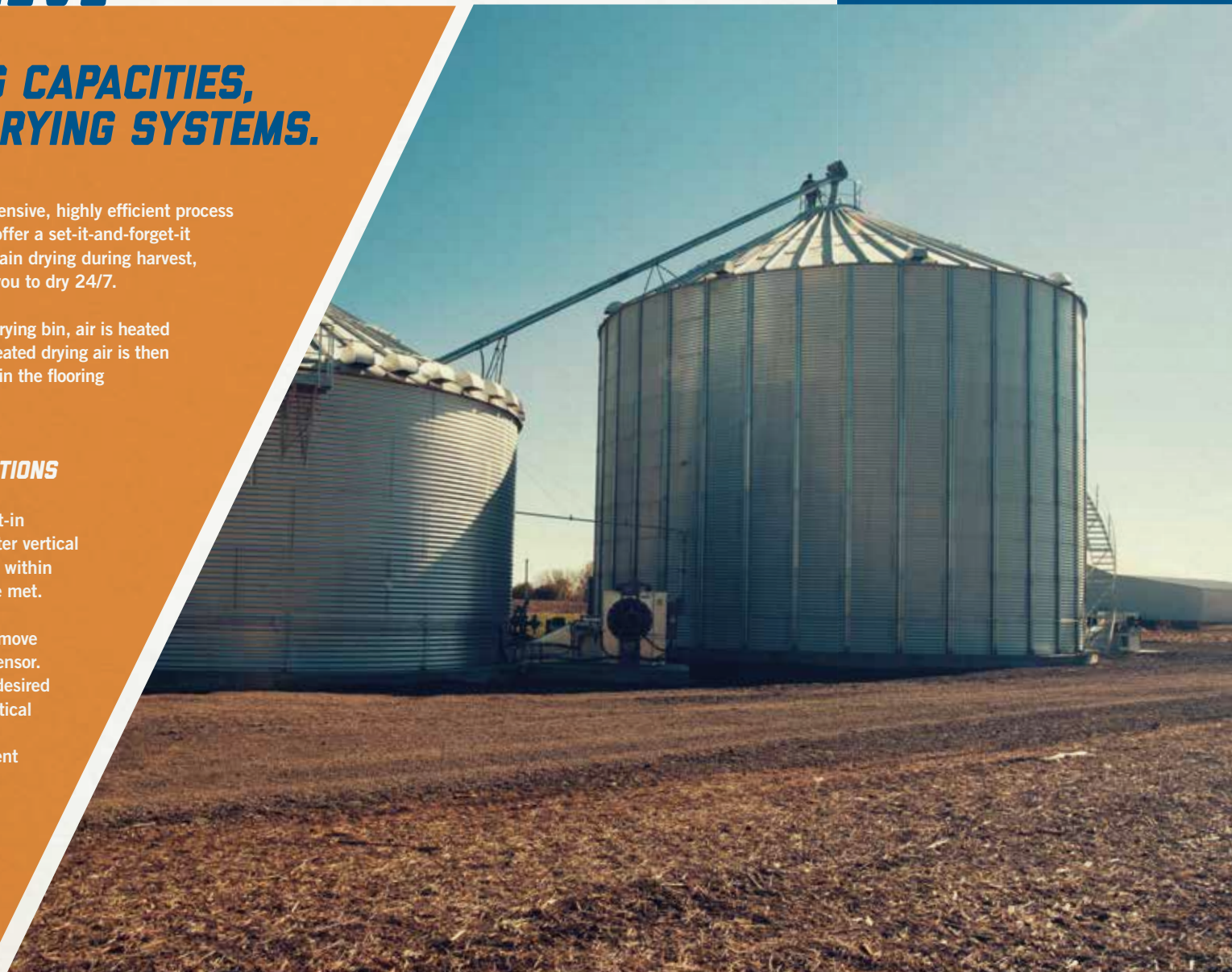
The Shivvers Performance System offers a comprehensive, highly efficient process for handling and drying grain. Automated controls offer a set-it-and-forget-it drying operation, eliminating the need to babysit grain drying during harvest, freeing valuable labor for other tasks and allowing you to dry 24/7.

It works like this: As wet grain is delivered into the drying bin, air is heated in a plenum created by the raised grain floor. This heated drying air is then forced upward past strategically placed perforations in the flooring and through the grain.

DRI-FLO AND CIRCU-LATOR SYSTEM OPTIONS

Both the Dri-Flo and Circu-Lator Systems offer built-in wet holding. The Circu-Lator system features a center vertical auger with the additional ability to recirculate grain within the drying bin to ensure precision drying targets are met.

In both systems, tapered sweep augers on the floor move drying grain to the bin center and past a moisture sensor. In Circu-Lator Systems, grain that has reached the desired moisture setting is moved up through the center vertical auger where Shivvers automatic controls turn on a transfer auger and transport dried grain to an adjacent storage facility where it cools. Grain that has not reached the desired moisture setting is spread back on top within the drying bin and recirculated, assuring that no wet grain is transferred into storage.

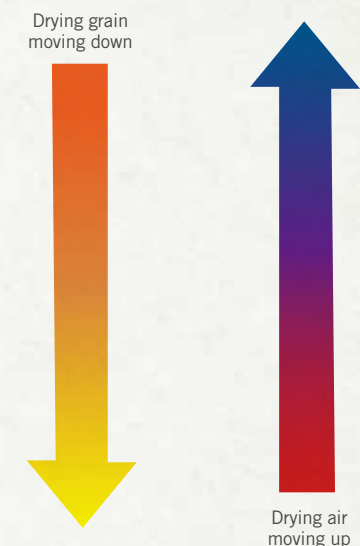


THE SHIVVERS PERFORMANCE SYSTEM USES A HIGHLY EFFICIENT COUNTER-FLOW DRYING PROCESS THAT DELIVERS BETTER GRAIN QUALITY AND HIGHER TEST WEIGHTS.

It works by forcing heated drying air up through a perforated drying floor inside the bin and into a drying zone bed of grain ranging from 3 to 8 feet deep. The heated air continues to move upward through the grain — counter to the grain flow which is moving down — warming grain and removing moisture as it rises. Saturated, cool air is then exhausted out of the top of the bin.

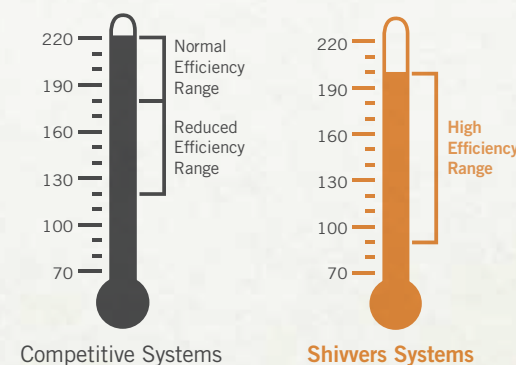
As grain reaches the pre-set transfer moisture level, Shivvers tapered sweep augers remove grain from the bin floor, allowing new layers of wet grain to continually move down into the drying zone.

COUNTER-FLOW DRYING



UNIFORM DRYING, HIGHER TEST WEIGHTS.

The Counter-Flow process requires lower temperatures and less fuel than other systems. In fact, with its deeper drying zone and longer retention time, the Shivvers Performance System offers a more uniform drying process that results in higher-quality grain with fewer stress fractures and higher test weights when compared to other grain drying processes.



Yellow Corn	160°-220°
High Oil Corn	160°
Milo	160°
Feed Barley	150°
Wheat	140°
Canola	130°
Sunflowers	130°
Malting Barley	120°
Soybeans	120°
White Corn	120°
Rice	105°
Popcorn	70°-90°

SHIVERS PERFORMANCE SYSTEM

HIGHLY FLEXIBLE AND VERSATILE, THE SHIVERS PERFORMANCE SYSTEM CAN MATCH YOUR CURRENT AND FUTURE GRAIN DRYING NEEDS — FOR NEW AS WELL AS EXISTING GRAIN OPERATIONS. INDIVIDUAL COMPONENTS CAN ALSO BE USED TO UPGRADE EXISTING IN-BIN SYSTEMS AS NEEDED. THE PERFORMANCE SYSTEM CAN BE CUSTOMIZED TO FIT THE CROP AND DRYING NEEDS OF YOUR FARM.



COMMAND CENTERS AND CONTROLS

The Premier Command Center or CompuDry Command Center provide automated control of grain drying operations, eliminating the need to “babysit.” Simply set your desired grain moisture and drying temperature and the Command Center does the rest. Around-the-clock control and performance deliver confidence in knowing you have the best quality in every kernel you dry.



GRAIN DRYING OPTIONS

The machine options for the Circu-Lator and Dri-Flo drying systems are the heart of a Shivers Performance System. Both options are specifically engineered to remove an even layer of dry grain from the floor of the drying bin. The grain is then augered out horizontally or up through a center vertical auger, where it can be recirculated or moved to a cooling bin for storage.



DRYING FLOOR AND SUPPORT

With options of 23 or 26 percent vented area, the Shivers perforated Channel-Lock Drying Floor and Steel Floor Supports allow maximum airflow from the plenum chamber into grain, enabling peak Performance System operation.



FANS AND HEATERS

Available in both axial and centrifugal fan/heater combinations, plus various power, fuel and size options, Shivers fans and heaters offer a combination to meet your operation’s requirements. Additionally, Shivers Blue Flame Heaters are the industry’s only heaters to exclusively utilize blue flame burners for increased heating efficiency. In combination, the powerful fan and heater provide enough heat to warm freezing air up to 200° F in bins as large as 48’ in diameter.



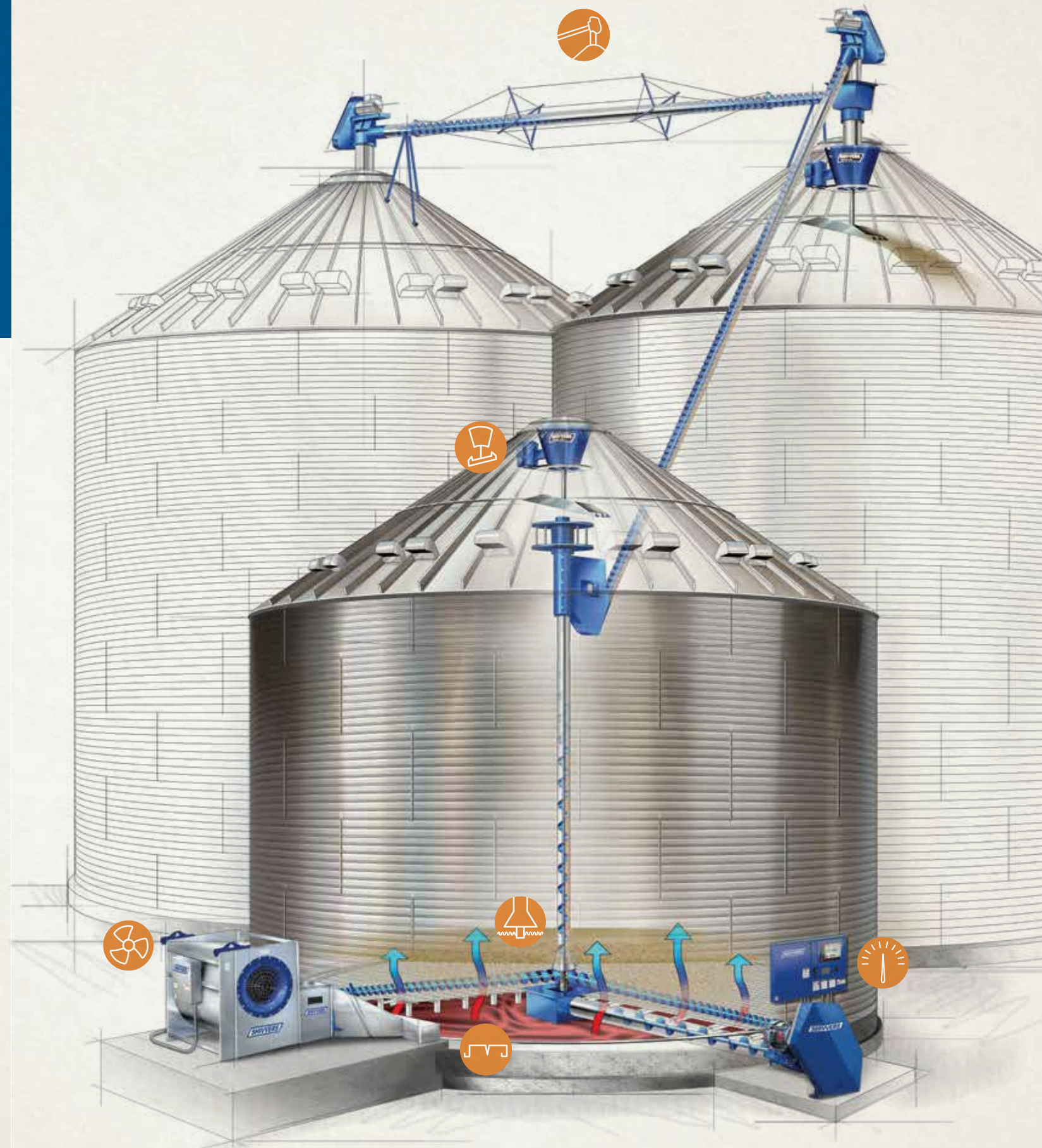
TRANSFER AUGERS

Shivers heavy-duty and durable transfer augers are already in place, out of the way of other equipment, and ready to go to work at the flip of a switch. Transfer grain to any storage bin in the system conveniently and automatically.



SPREADERS

Specially engineered Shivers high-capacity grain spreaders ensure true, level grain loading to facilitate consistent drying and maximum airflow.



NO OTHER DRYING SYSTEM DELIVERS LIKE THE SHIVVERS PERFORMANCE SYSTEM

***HIGHER QUALITY GRAIN,
HIGHER TEST WEIGHTS,
MORE SAVINGS.***



COMMAND CENTERS AND CONTROLS



THE MOST ADVANCED DRYER CONTROLS IN THE GRAIN DRYING BUSINESS.

Shivvers Premier® Command Center and CompuDry® Command Center feature two state-of-the-art control systems for automatic monitoring and control that maintain plenum temperature, reach transfer moisture content and manage other components of the Shivvers Performance system.

NO BABYSITTING – SAVE TIME AND LABOR.

Once your grain reaches the desired moisture level, automatic controls engage the transfer auger and grain is moved from your drying bin to your storage bin. Burners adjust as needed to prevent over drying. If any grain hasn't reached the desired moisture content, the Command Center turns off the transfer auger, allowing grain to dry for a calculated period of time and then re-tests the grain moisture until target moisture content is reached.

The controls can take up to 120 samples of grain per hour to ensure consistent drying conditions are met and to protect grain from over-drying.



PREMIER COMMAND CENTER

The Premier® Command Center features advanced touchscreen technology, providing true fingertip control of the entire drying process. Enter your desired settings with easy step-by-step procedures and then relax — the Shivvers Premier Command Center will do the rest.

The Premier Command Center controls functions including the drying, transferring and storage operation management, even allowing the operator to have control over cooling fans in storage bins for comprehensive control. The on-unit display allows the operator a dashboard for quick reference, including ambient weather conditions and relative humidity and options to view a digital ticker tape of current drying conditions.

ANYWHERE MONITORING AND CONTROL

The Premier Command Center comes preconfigured to connect to the Link Remote Grain Management System, offering anywhere, anytime monitoring and control of your system with a Link subscription. The Link subscription allows data to be transmitted via the included cellular network, so an internet connection is not required at your bin site.

A Link-enabled Premier Command Center can also be integrated with StorageLink, offering remote access to real-time grain temperatures and fan controls to preserve grain quality, prevent spoilage and reduce operating costs of grain storage.



COMPUDRY COMMAND CENTER

The CompuDry® Command Center offers automatic monitoring and control of your Shivvers drying system and components at your grain drying location. Choose your initial settings for the CompuDry Command Center then concentrate on harvesting your crop — the Command Center does the rest. Diagnostics can be viewed on a printed ticker tape, while analog switches allow desired adjustments. When grain reaches the desired moisture level, the CompuDry automatically engages the transfer auger and the dried grain is moved out of your drying bin.

Shivvers Link can be retrofitted to the CompuDry, allowing you to monitor drying conditions remotely. While many of the monitoring features are the same as a Link-enabled Premier, setting adjustments are made using the CompuDry Command Center at the bin location.

Both the Premier Command Center and the CompuDry Command Center allow your system to run 24 hours a day, seven days a week — automatically, accurately and unattended.

SHIVVERS COMMAND CENTERS ARE EASY TO PROGRAM AND CONVENIENT TO USE. SIMPLY CHOOSE THE SETTINGS YOU WANT AND THEN FOCUS ON HARVEST WHILE THE PREMIER OR THE COMPUDRY COMMAND CENTER DOES THE REST. AROUND-THE-CLOCK CONTROL MAINTAINS ACCURATE MOISTURE CONTENT WITHOUT THE WORRY OF OVERDRYING OR THE LABOR TO BABYSIT YOUR DRYER OPERATION.

GRAIN DRYING MACHINES



RUGGED, RELIABLE AND ENGINEERED FOR UNPARALLELED PERFORMANCE.



THE CIRCU-LATOR MACHINE

Using the Shivvers Counter-Flow grain drying system and tapered sweep augers, the Circu-Lator offers a unique set of capabilities. It is compatible with both continuous flow and batch grain drying operations. The system is managed by a digital Shivvers Command Center that offers unattended operation and peace-of-mind drying precision.

As tapered sweep augers pull an even layer of grain toward the center of the bin, the Circu-Lator uses a center vertical auger to move dried grain up, where it can either be continuously carried through the system's transfer augers to storage bins or recirculated within the drying bin. The option to recirculate provides confidence that all the grain is dried consistently and the flexibility to transform the drying bin into a storage bin.

The Circu-Lator System's overhead transfer auger system can easily fit existing storage layouts without the need of additional transfer components, such as grain legs or air systems. Each system of transfer augers is custom manufactured to fit the operation you have now and expandable to fit your needs in the future.

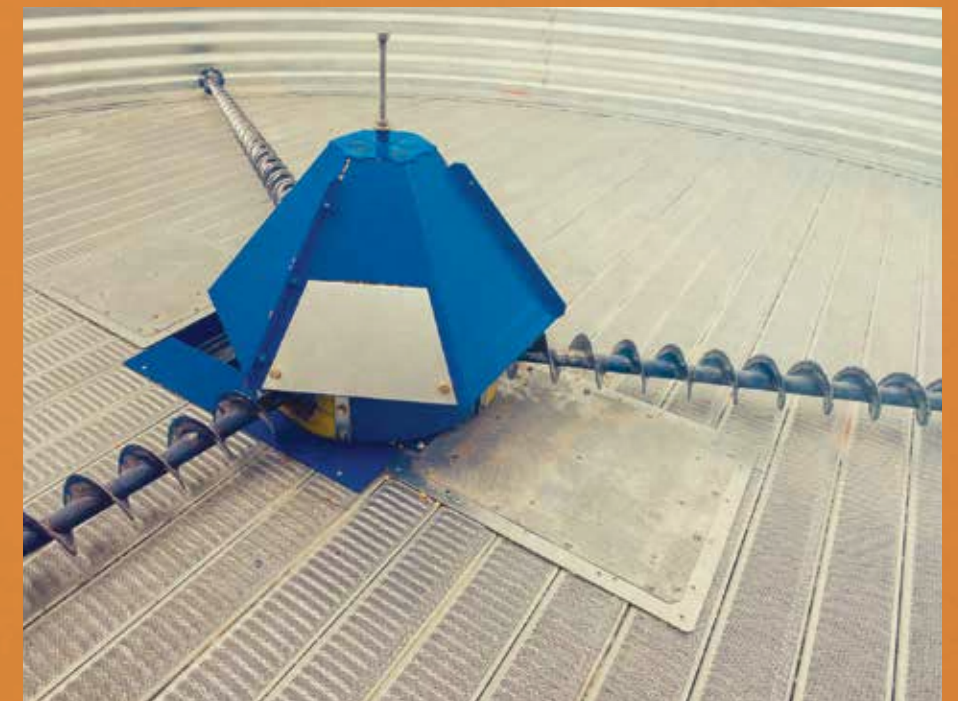
SHIVVERS MACHINES ARE ENGINEERED FOR HIGH CAPACITY AND DURABLE OPERATION — KEEPING PACE AT HARVEST WITH FULLY AUTOMATED, 24/7 IN-BIN COUNTER-FLOW DRYING. DESIGNED TO FIT BINS FROM 18 TO 48 FEET IN DIAMETER.

THE DRI-FLO MACHINE

The Dri-Flo System facilitates higher removal capacities for large operations and is perfect for operators who are looking for a drying system to integrate with existing legs or air systems.

Just like the Circu-Lator, the Dri-Flo uses the same Counter-Flow drying principles and tapered sweep augers, managed by a central computerized Command Center for unattended performance. Sweep augers pull an even layer of dry grain toward the center of the bin.

The layer of dried grain is then drawn under the Dri-Flo's center bonnet, where it is accurately metered into the underfloor auger for discharge outside of the bin. This discharge is a convenient location for connection with an existing dry grain transfer system into storage.



SHIVERS HEATERS & FANS



**DEPENDABLE. EFFICIENT.
IN A CLASS OF THEIR OWN.**

SHIVERS DRYERS ARE DESIGNED TO SPECIFICALLY MATCH THE SPEED, SAFETY AND ECONOMY OF OUR COUNTER-FLOW DRYING SYSTEM.

Shivers defined the industry standard for grain dryer heaters with the introduction of a burner engineered to maximize combustion efficiency by producing almost entirely blue flames. Designed to eliminate fuel waste and maximize combustion temperatures, Shivers Blue Flame Fan and Heater combinations meet today's fuel economy demands without sacrificing air flow.

With combinations that include centrifugal and axial fans, single and multiple-phase power options, propane or natural gas fuel, Shivers fans and heaters can be customized to fit the requirements of your operation.



THE BLUE FLAME II MAXX HEATER is built to handle the grain drying needs of large-capacity bins, producing up to 7,000,000 BTU per hour. This heater is designed for use with Shivers Air MAXX Centrifugal Fans and available in 30, 40, or 50 HP and 230- or 460-volt three-phase (also available in soft start controls). Shivers Air MAXX Centrifugal Fans have the power to move air through massive amounts of wet grain in large-diameter bins. The fans operate at a reduced noise level and are designed for use with drying bins where high capacities are required.

Also available are 15 HP single and 3-phase or 20 HP three-phase Centrifugal Fans and up to 3,200,000 BTU Centrifugal Heater. The Centrifugal Fan allows our Performance Systems to be used in noise-limiting areas.

For an axial fan option, the Blue Flame Dryer features a stainless-steel construction, a high capacity vaporizer and 28-inch vane. It is capable of producing upwards of 3.6 million BTU and is available in single and three-phase power options.



For more power, add on the Turbo Booster Fan to dramatically step up drying capacity.



CHANNEL-LOCK FLOOR



SUPERIOR STRENGTH MEETS MAXIMUM AIR FLOW.



Channel-Lock Floor



Floor Supports

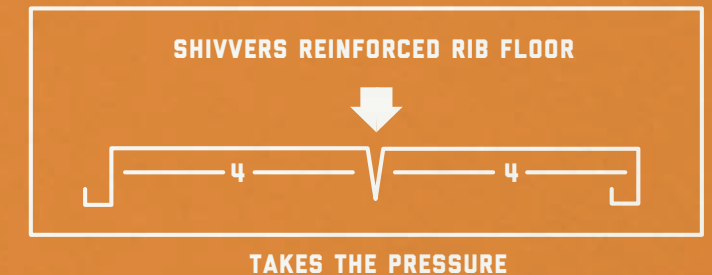
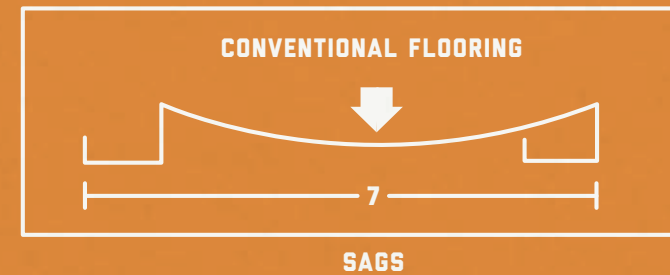
THE SHIVVERS STANDARD CHANNEL-LOCK FLOOR, WITH ITS 23 OR 26 PERCENT OPEN AREA, IS THE BEST DRYING FLOOR ON THE MARKET.

Engineered with 20-gauge steel and embossed for optimum strength, the floor is yet another key advantage that sets the Shivers Performance System apart from other in-bin dryers.

Shivers offers a small grain floor for rapeseed and other small grains. This floor is designed with an open area of 26 percent, using a 0.05" round hole punch. The small grain floor is also used whenever ultra-high capacity sweeps are used as in the Dri-Flo 1000 or High Torque Circu-Lator Systems.

The standard 23% open area option aids in defeating static pressure problems that competitive brands incur with higher grain depths and multiple fan applications.

FLOORING COMPARISON



AN 8-INCH PLANK FEATURES A PATENTED CENTER-RIB DESIGN THAT ADDS SIGNIFICANT STRENGTH TO THE SHIVVERS FLOOR COMPARED TO COMPETITIVE OPTIONS. THE ADDED STRENGTH — COUPLED WITH OUR EXCEPTIONAL VENTED AREA — IS ESPECIALLY VALUED FOR IN-BIN DRYING SYSTEMS AND DEEP-DEPTH AERATION APPLICATIONS.

SHIVERS SPREADERS

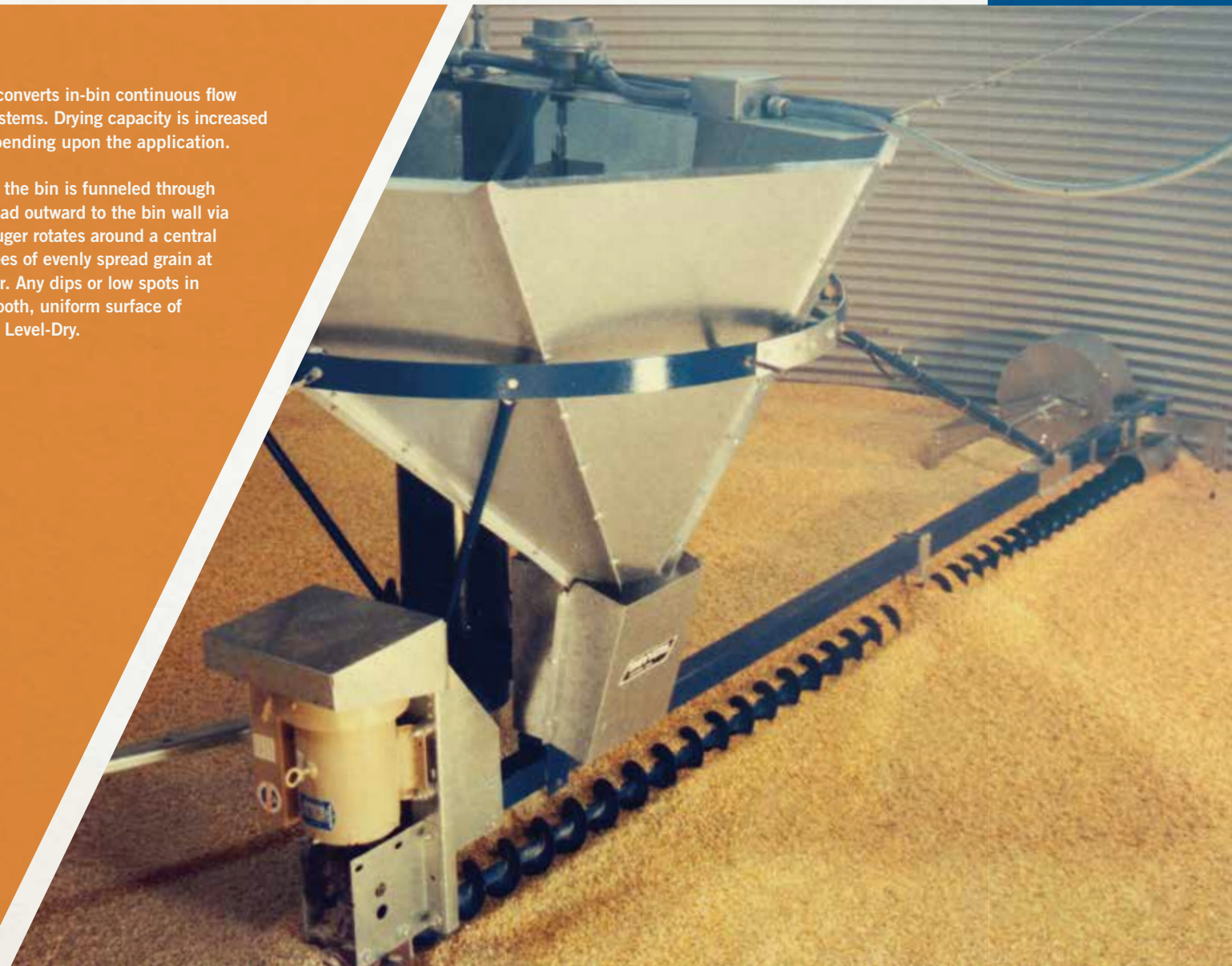


**PROVEN OPTIONS TO
MATCH YOUR GRAIN
HANDLING NEEDS.**

LEVEL-DRY

The Shivers Level-Dry system converts in-bin continuous flow dryers into high-speed drying systems. Drying capacity is increased 30 percent to 300 percent depending upon the application.

Grain loaded through the top of the bin is funneled through the Level-Dry's hopper and spread outward to the bin wall via a leveling auger. The leveling auger rotates around a central pivot point, ensuring 360 degrees of evenly spread grain at a depth selected by the operator. Any dips or low spots in the grain are filled to give a smooth, uniform surface of wet grain after each pass of the Level-Dry.



**THE SHIVERS SPREADERS LINEUP
DELIVERS TRUE, LEVEL AND EVEN SPREADING.
GETS THE JOB DONE OTHERS CAN'T.**

CONTROLLED FLOW

The Controlled Flow Spreader provides the ultimate in operator control and can support up to 6,000 bushels per hour (BPH) filling capacities. Independent adjustments can be made from the ground to guide where grain falls on the spreader pan as well as the speed of the spreader pan, allowing total control when filling the bin.

The dual motor system includes a variable-speed motor that drives the spreader pan and a second motor that drives a diverter valve.

The diverter valve rotates as it fills the pan and can be stopped to fill low areas that may develop. If you want to fill large-diameter bins yet keep your grain depth level for drying or cooling, the Controlled Flow Spreader is for you.



GRAIN HOG

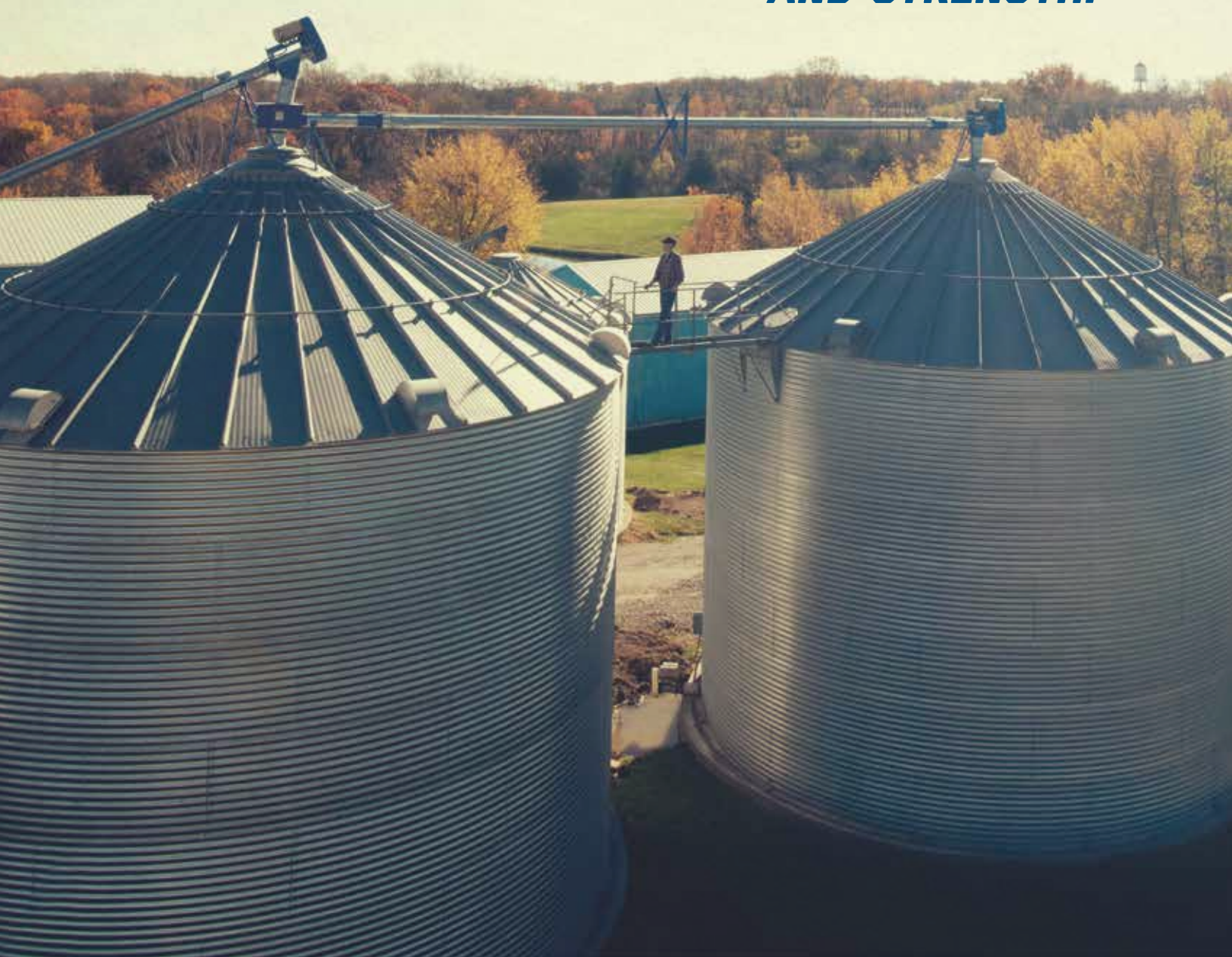
With a capacity of 3,200-5,000 BPH, the Grain Hog Spreader offers a mechanically adjustable option to distribute grain evenly. This spreader is available in multiple pan sizes and features a single-speed motor, available in .5-1.5 HP options to fit bins up to 42' in diameter.



SHIVVERS TRANSFER AUGERS



**UNSURPASSED
DURABILITY
AND STRENGTH.**



**SHIVVERS HEAVY-DUTY TRANSFER AUGERS
HAVE EARNED AN INDUSTRY-WIDE
REPUTATION FOR QUALITY.**

**SHIVVERS TRANSFER AUGERS ARE CUSTOM-DESIGNED TO FIT YOUR OPERATION'S FOOTPRINT.
THE WORKHORSE OF THE AUGER LINE, CONTINUOUS-FLOW TRANSFER AUGERS ARE BUILT TOUGH
TO MOVE HUNDREDS OF THOUSANDS OF BUSHELS OF GRAIN ANNUALLY.**

In Circu-Lator systems, grain is lifted from the drying floor by the Center Vertical Auger and deposited in the center vertical boot. From there, a transfer auger picks up the grain and further elevates it either to the top of the next bin where it is dropped through a downspout into the cooling bin or into a horizontal hopper and transferred through a horizontal transfer auger to additional storage bins.



In Dri-Flo systems, grain is drawn off the drying floor, moved to the bin center and directly out of the bin to your existing transfer equipment via the horizontal unload auger. Our optional Jumpster transfer auger connects to this unload auger, where it can be integrated into a grain leg, air system or loaded into a vehicle.

***SHIVVERS DELIVERS THE QUALITY
YOU WANT — AUTOMATICALLY,
ACCURATELY AND UNATTENDED.***

***FORGET THE BABYSITTING,
FOCUS ON HARVEST.***



DEPENDABLE SUPPORT BEFORE AND AFTER YOUR PURCHASE



200+ SERVICING DEALERS ACROSS THE US AND CANADA.

We strive to consistently provide the best support system in the agriculture industry, including factory-trained dependable dealers who are able to assist you with all of your dryer needs, from sales to service.

SHIVERS PERFORMANCE IN WRITING

When you purchase a Shivers Performance System (including testing and installing components per Shivers requirements), Shivers will certify that the system you purchase will perform at the published capacities, or we will do what it takes to make it perform.

Details available from your Authorized Shivers Dealer.

VISIT WITH A SHIVERS DEALER NEAR YOU

Ask your Shivers dealer about the value and durability of a Shivers Performance System on your farm. Dealers are factory-trained and knowledgeable on all components and how they can work for you. Contact us for the name of a Shivers dealer in your area.

TWO-SEASON LIMITED WARRANTY

See your local dealer for complete warranty details.

**VISIT SHIVERS.COM FOR MORE INFORMATION
AND TO FIND A DEALER NEAR YOU.**





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