

# GLEANER<sup>®</sup> T SERIES COMBINES



*Go*  
GLEANER!



# THE **NEW** GLEANER® T SERIES COMBINES

Introducing the Gleaner® you've been asking for:  
**the Gleaner T Series with the new Dura Drive ground drive system.**


True to AGCO's Farmer-First approach, Gleaner has been listening to what customers say they want and need in a combine to make their harvest experience even better. The new Gleaner T Series of Class 6, 7 and 8 combines builds on the best of what makes a Gleaner a Gleaner while introducing the new Dura Drive ground drive system for increased control, more torque, higher transport speeds and on-the-fly shifting.

The new T Series Maximum Access shielding design makes cleaning, servicing and maintaining easier and faster while keeping the classic Gleaner look. New camera and powered rotor reverser options also save valuable time in the field.

What hasn't changed is the heart and soul of all Gleaners—the exclusive Natural Flow processor that delivers a high-quality grain sample without sacrificing capacity or loss. The Gleaner T Series machines remain lighter than other combines to reduce compaction while using less power.







**GLEANER'S MISSION** is to be the trusted harvest partner delivering the most efficient, reliable combines and headers that provide the best value for farmers. As we do that, our Gleaner customers benefit from an excellent harvest experience with the lowest cost per harvested acre of any combine in the industry.

## RELIABILITY. FUNCTIONALITY. TECHNOLOGY. PERFORMANCE.

These are the four guiding principles—our “four pillars”—as we support current owners, add new customers to the Gleaner family and now deliver the newest series of Gleaner combines.

For more than a century, Gleaner combines have been known and valued for their **reliability** as trustworthy machines with predictable performance, field in and field out. Maximum uptime is essential for what can be the unpredictable endeavor of growing and harvesting a high-yielding, high-quality crop. The new Dura Drive ground drive system, with its new braking system, makes the T Series even more reliable.

Over the years, Gleaner has had a reputation of offering innovations that help make the job of harvesting easier and more enjoyable for customers. With the T Series, **functionality** gets a boost from the new Dura Drive ground drive system, which delivers a wider range of speed without having to shift between multiple gears. Operators get the torque needed to climb hills, the speed to keep up with the grain cart and higher transport speed between fields.

The new Maximum Access shielding is designed with a priority on function, ease of use and simplicity to increase uptime.

The revolutionary **technology** of the exclusive Natural Flow transverse rotor system and processor is still at the heart of every Gleaner. New technology on every T Series model includes the new CVT-style Multi-Function Lever for ultimate control of the machine through the Dura Drive ground drive system, along with the optional Powered Rotor Reverser, multiple cameras, AutoTurn and Machine 2 Machine communication.

**Performance** is the fourth pillar and the bottom line for Gleaner owners. Throughout the 100-plus-year history of the brand, Gleaner combines have been known and valued for the clean, high-quality grain sample they consistently produce. Today's Gleaner models deliver clean grain consistently, efficiently and in higher volumes than ever before, now with even more power and control using the Dura Drive ground drive system on the T Series. Operators who opt for the Powered Rotor Reverser can push their Gleaner to its full potential without fear of downtime for manual removal of plugs.



**Class 6**  
322 hp (240 kW);



**Class 7**  
375 hp (280 kW)



**Class 8**  
471 hp (321 kW)

### Scan To Watch:

See farmers, engineers and other experts discuss the new T Series combines, and see them in the field.





# EVERY INNOVATION FOR A REASON

Gleaner design engineers do more than follow AGCO's Farmer-First strategy, they live it. Many farm themselves or are in constant touch with family members and other Gleaner customers who depend on the machines they design. So as they developed the new T Series, they focused on what pain points and challenges they could help solve for farmers, rather than make changes for the sake of change.

Customers who own and run Gleaners were loud and clear about keeping the new series simple and reliable to run and maintain without dropping performance or increasing the weight of the machine. At the same time, they had suggestions for improvements that could make Gleaners even easier to maintain in terms of how the shielding opens or the engine access ladder works, and even easier to operate, especially on various terrains and in changing weather and crop conditions.

So, the new T Series Maximum Access shielding makes access and maintenance easier, while sporting a classic Gleaner look. While keeping the proven technology of the Natural Flow processor and the superior cleaning performance of the Gleaner, the team incorporated a new ground drive system that will give T Series owners more control than they've ever had before at both low and high speeds. Dura Drive includes a new braking system that's even more reliable and effective, as well as a locking differential with optional Rear Wheel Assist for unmatched traction in the field.

**"I think the Gleaner combine is so reliable and so serviceable because of how connected we are to the farmers. The feedback that we get about simplicity, about reliability, about uptime—that message is heard loud and clear ... that this is a priority for us to deliver."**

—Josh Ekholm, AGCO director of global harvest electronics



Josh Ekholm



# DURA DRIVE

GROUND DRIVE SYSTEM



The new **Dura Drive ground drive system** in all T Series Gleaner combines provides more control, responsiveness and functionality than ever before. Operators will use a **CVT-style Multi-Function Lever** to make the fine adjustments needed to attach a header at low speeds as well as rapid speed changes for field and road travel with ease and confidence.

The system uses a two-range transmission that hydraulically shifts between a high and low range “on the fly,” without stopping. This allows the operator to pull onto the road in low range then shift to high range to quickly hit the maximum 25 mpg (40 kph) road speed for transport. The wide range of speed also gives operators the torque needed to climb steep hills, the speed to keep up with the grain cart when unloading, and the ability to rapidly decelerate and stop the machine.

**New braking system and locking differential.** An added dimension of control provided by the Dura Drive ground drive system is the new braking system. The previous external drum brake system has been changed to an internal braking system to increase reliability and effectiveness of the brakes. The new system uses an efficient ball-and-ramp system for more applied pressure with fewer moving parts. By being located inside the transmission, the brakes are better protected from the elements.

To boost traction in challenging conditions, Dura Drive features a locking differential that is engaged through the Tyton™ terminal in the Gleaner cab. When the differential is engaged, both wheels equally pull the machine through the field. When one wheel loses traction, the other continues to pull through the field instead of all power going to the slipping wheel. An optional Rear Wheel Assist axle provides even more traction in adverse conditions.

For headland turns when the outside wheel needs to spin faster for a tight turn, the system automatically disengages the differential lock when it sees the steering turn more than 10 degrees. When the steering returns to center, the differential lock is automatically engaged again and can stay locked during field use to be ready for unexpected wet ground conditions.

## An all-new ground drive system. A game changer for Gleaner.

### Two-Range Transmission

|                   | Road Mode       | Field Mode      |
|-------------------|-----------------|-----------------|
| <b>Low Range</b>  | 9 mph (15 kph)  | 9 mph (15 kph)  |
| <b>High Range</b> | 25 mph (40 kph) | 14 mph (24 kph) |



## NEW FEATURES

Added features and innovations designed for top performance and ease of use to meet today's harvesting needs.

**New Multi-Function Lever.** The new CVT-style Multi-Function Lever (MFL) puts full and precise control of the speed and direction of Gleaner T Series combines at the operator's fingertips, eliminating the former "Z" pattern and increasing comfort. Moving the MFL in the direction of travel increases speed and in the opposite direction of travel decreases speed. The farther the MFL is moved in either direction, the faster the machine will accelerate or decelerate. To stop the machine, hold the MFL in the opposite direction of travel. To rapidly decelerate and stop the machine, move and hold the MFL to the left. Cruise speeds are set by pressing the lock button on the MFL and moving the handle to the right.

**New Hydraulic Propel Pump and Motor.** To support optimum performance and control of the new Dura Drive ground drive system, the hydraulic propel pump, motor and drive have been updated in the Gleaner T Series. The improvements provide more refined movement of the machine when making small adjustments in speed and direction. Along with the updated propel components, the hydraulic reservoir and filtration now use a different charge and in-tank return filter, all located inside the engine compartment.

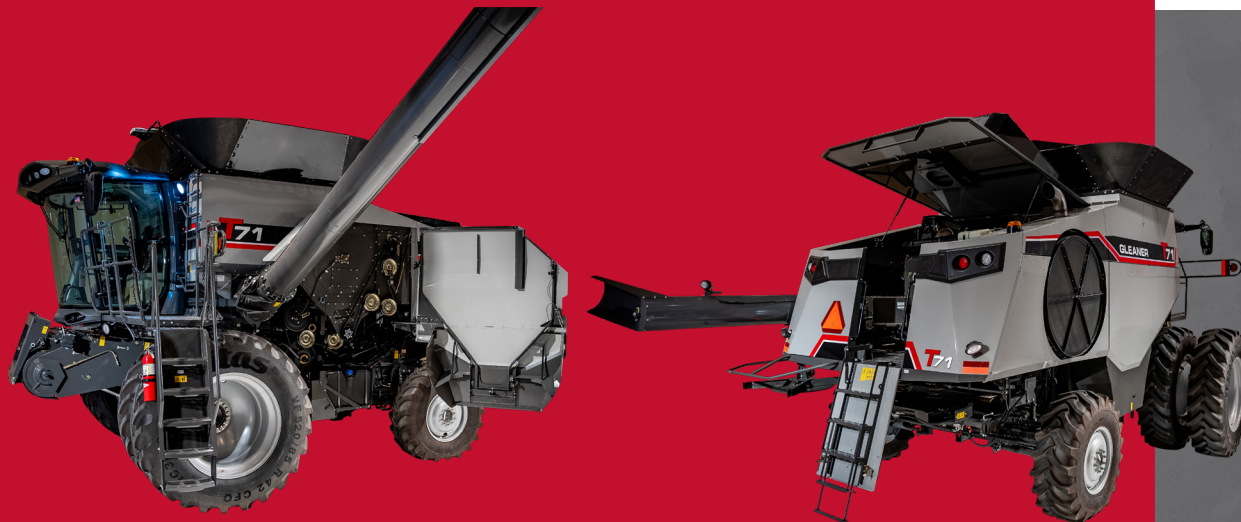
While designing the T Series styling, Gleaner engineers put function first not only in terms of better access on both sides and at the back of the machine, but they designed a way to integrate the optional backup camera in a central position for better operator visibility. The T Series sports a more modern look while maintaining the distinctive Gleaner silhouette and the use of sheet metal to keep the machine lightweight, durable and easy to repair if needed.

### **New Maximum Access Shielding and Styling.**

In the first major shielding update since the Gleaner S7 Series launched in 2011, the T Series shields have been redesigned to simplify access, making it easier and faster to check, maintain and clean the combine. There are fewer latches to unfasten; remaining latches are easy to reach; sturdy gas shocks support the shields when open; there is no longer a need to fold shielding down to get the rotor open; no need to use tools or remove bolts on shields. That's **Maximum Access**.



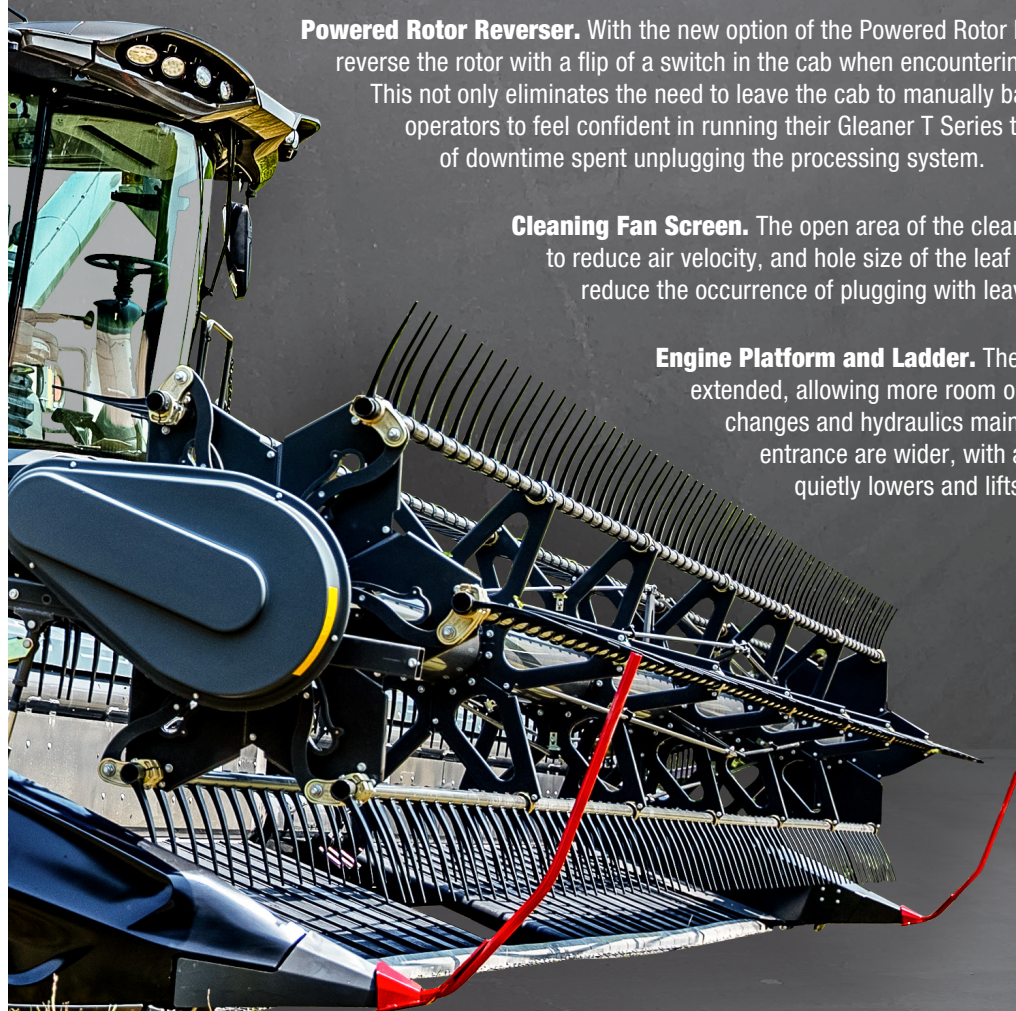




**Powered Rotor Reverser.** With the new option of the Powered Rotor Reverser, Gleaner operators can reverse the rotor with a flip of a switch in the cab when encountering a blockage in the processor. This not only eliminates the need to leave the cab to manually back out a crop slug, but will allow operators to feel confident in running their Gleaner T Series to its full capacity without the worry of downtime spent unplugging the processing system.

**Cleaning Fan Screen.** The open area of the cleaning fan screen has been increased to reduce air velocity, and hole size of the leaf screen has been decreased to reduce the occurrence of plugging with leaves or other plant material.

**Engine Platform and Ladder.** The back of the T Series has been extended, allowing more room on the engine platform for ease of oil changes and hydraulics maintenance. The platform ladder and entrance are wider, with an improved electric actuator that quietly lowers and lifts the ladder.



## DELUXE CAB PERKS

Choose between two trim levels for the comfortable, quiet Vision™ cab on the T Series: the Standard Operator Cab or the premium Deluxe Operator Cab. With the Deluxe option come several offerings new to Gleaner:

**Two Factory-Installed Cameras.** The deluxe cab option includes two cameras installed at the factory, with images from both shown in the Tyton terminal in the cab. The back-up camera is integrated into the rear panel of the combine and automatically displays when the machine is in reverse. The other camera is installed at the end of the unloading auger, giving the operator full visibility of where grain is being placed inside the grain cart while unloading on the go.

**AutoTurn.** Using AutoTurn to automatically turn the machine at the headland to go right back into the crop saves time and helps eliminate multi-point turns as well as the stress on the operator of turn decisions and making manual turns.

**Refrigerator.** Keep food and drinks cold with a convenient refrigerator in the cab that has five temperature settings, all the way down to 28.4°F (-2°C).

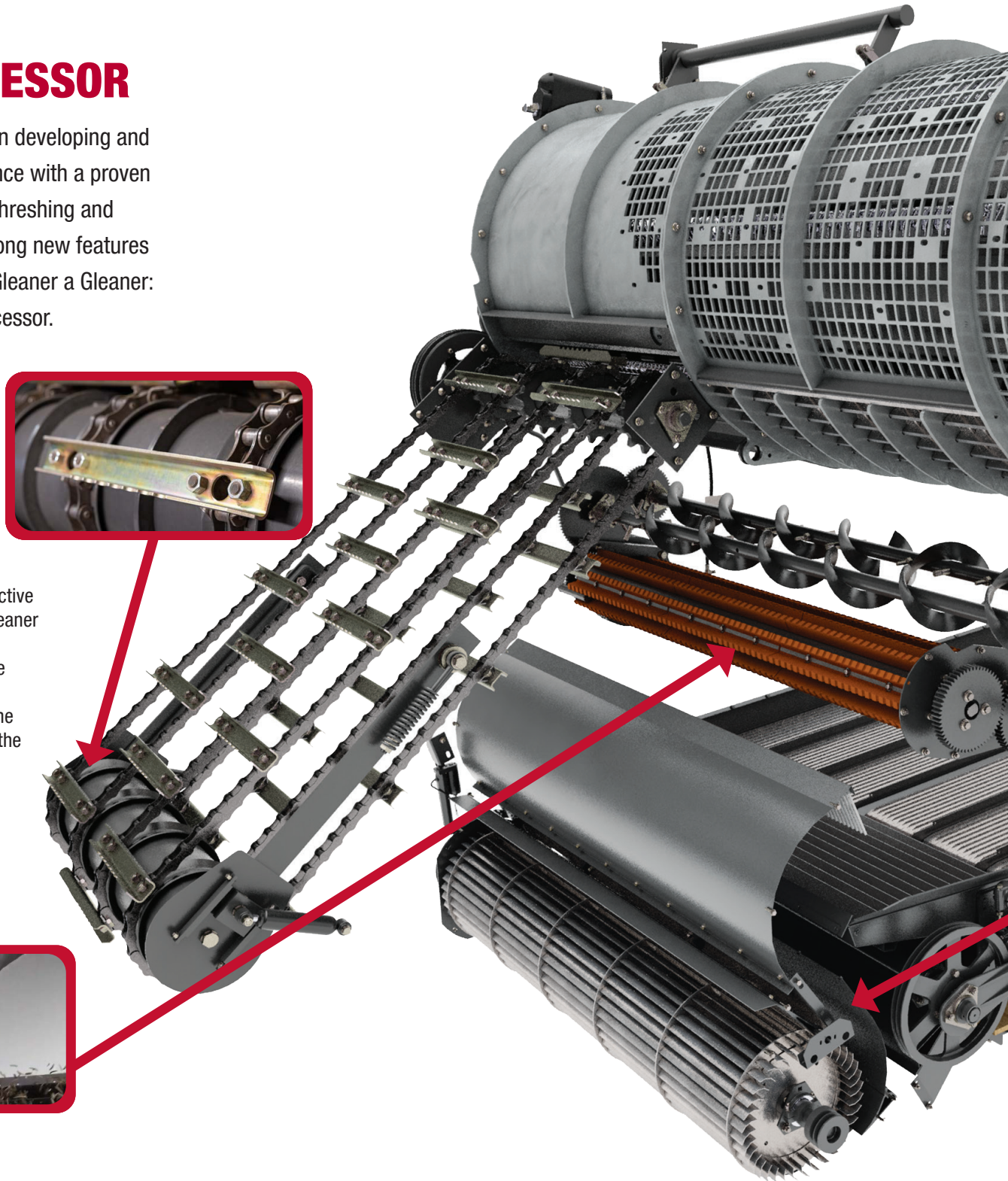


# THE NATURAL FLOW PROCESSOR

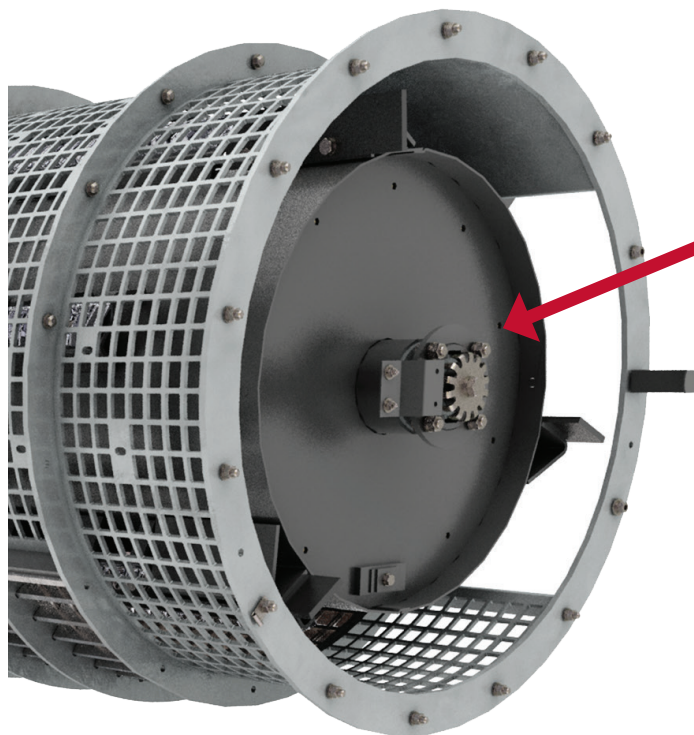
Over the course of more than 50 years, Gleaner has been developing and refining the Natural Flow processor. Decades of experience with a proven design has resulted in an exclusive process of feeding, threshing and cleaning crop that continues with the T Series. Even among new features and enhancements, the T Series retains what makes a Gleaner a Gleaner: the heart and soul of the machine, the Natural Flow processor.

**Feeding.** The Natural Flow process starts at the front of the feeder house. Two 39-inch-wide (1-meter-wide), four-strand feed chains quickly move material from the header to the rotor. Because the rotor is fed from the side, rather than the front, there is no need for a feeder impeller or beater to force crop into an inlet or transition cone. This results in two benefits: less damage to the crop and less horsepower needed to move large volumes of material into the processor.

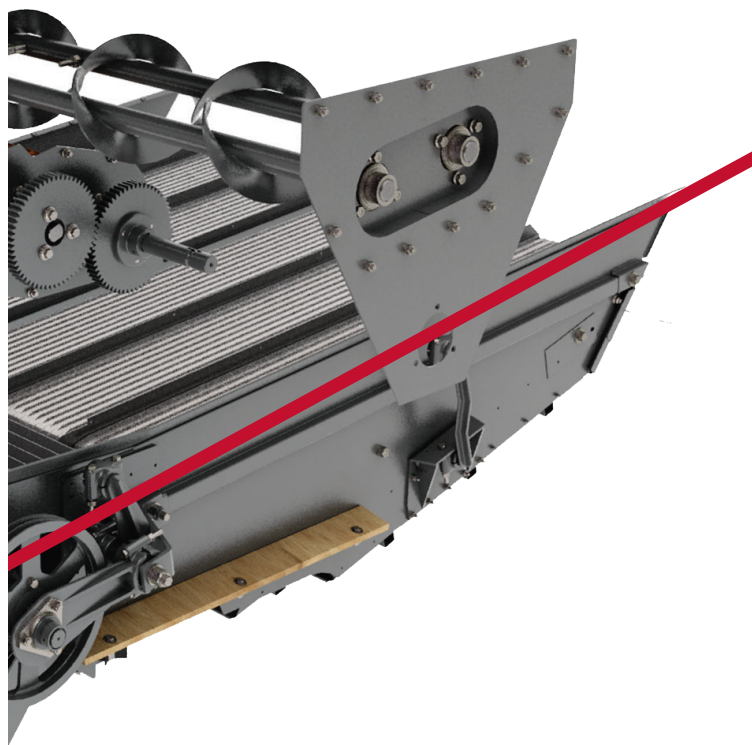
**Cleaning.** Gleaner combines can create a more efficient and effective method of cleaning the material from the processor that gets a cleaner sample in the grain tank, regardless of the slope. Two distribution augers located below the processor move material evenly over the cleaning shoe. This is a direct advantage over designs with axial rotors that tend to load one side of the cleaning shoe more than the other. Two accelerator rolls propel the grain and chaff four times the speed of free fall through the first stream of air from the cleaning fan toward the front of the cleaning shoe. The lighter chaff is unable to pass through the first blast of air and blows out the rear of the machine. The combination of both the distribution augers and accelerator rolls allows for consistent and even loading of the cleaning shoe on grades with up to a 23% slope. The second air blast from the cleaning fan and shaking action and large cleaning area of the cleaning shoe then finishes the process of creating arguably the best grain tank sample in the industry.







**Threshing and Separating.** The way the Gleaner combine threshes and separates grain is truly what sets it apart from other designs. Because the rotor is positioned transverse to the travel of the machine, the Natural Flow processor is able to thresh and separate at a high capacity. The separator cage uses a full 360 degrees of separation, reducing the length of both the rotor and cage but allowing for the same amount of separation area as other designs.



**Reactive Air Control.** To further reduce loss from the shoe, we've developed the reactive air control system that reduces losses at the headlands of the field when crop flow volumes are reduced. When the header is raised above the yield cutoff point, the cleaning fan choke closes to an operator-determined position to reduce the air volume and reduce the loss due to the lower volume of material from the processor. When the header drops below the yield cutoff, the choke returns to the operating position.



## RESIDUE MANAGEMENT

**Effective residue management** is vital to ensuring the results of next year's crop. Gleaner combines can process and spread the material from both the rotor and the cleaning shoe evenly to promote better residue decomposition and a better seedbed for next year.

**Rotor Discharge Options.** Two options are available to handle the discharge from the rotor. A standard impeller moves the material from the discharge area of the rotor down to the hydraulic spreader. If the material must be chopped, an optional Fine Cut II chopper is available. The Fine Cut II uses 24 blades around a 7.63-inch (19.3-centimeter) drum spinning at one of two speeds—1182 or 3303 rpm—to destroy material leaving the rotor. A set of stationary knives can increase the level of chop when harvesting small grains or soybeans.

**Spreading.** The material from the rotor discharge and the cleaning shoe is evenly spread behind the machine using a hydraulic straw spreader and hydraulic chaff spreader. Straw spreader speed is easily adjustable from the operator cab and is maintained by closed loop control. The straw spreader and chaff spreader are able to evenly spread material in a swath the full width of a 40-foot-wide (12.2-meter-wide) header.









## THE ADVANTAGES OF OWNING GLEANER

Gleaner is your **value combine**, proven through generations of harvests and return on investment.

### The Value of a Lighter-Weight Combine

Gleaner harvest equipment is designed to be lighter than other combines by using a fully welded subframe; belts and shafts rather than gearboxes, pumps and motors; and the Natural Flow processor that provides high capacity in a small package. Gleaner's lighter weight delivers both agronomic and economic values:

- **Reduced soil compaction for better soil health, germination and crop yields**
- **Less power used to move through field puts more power toward processing**
- **Lower fuel consumption and costs**
- **Ability to get into fields sooner**

### A High-Quality Grain Sample Without Sacrificing Capacity or Loss

Every Gleaner component that touches grain is designed to reduce damage and foreign material in the grain tank sample. The Natural Flow processor threshes at high capacity with lower grain damage. Better grain quality and cleanliness brings these values to your operation:

- **Ability to reliably store grain on-site with lower occurrence of infestations and contamination with lower drying costs**
- **Less damage to seed coatings to improve germination, especially important for seed production**
- **Increased opportunities for premium prices for high quality grain samples**
- **No dockage for foreign material or crop damage**

### Productivity Through Simplicity and Reliability

Owning and operating Gleaner harvest equipment increases uptime and productivity during crucial harvest periods and improves the return on your investment.

**Simplicity:** Gleaners are easy to maintain, and costs are lower thanks to fewer parts, such as 50% fewer filters, fewer belts and only 48 total bearings with only 25 part numbers.

**Efficiency:** Benefit from lower variable costs with better fuel efficiency. Gleaner combines are 22% more fuel efficient than the most popular competitor, making possible fuel savings of \$4,500 per year over 250 hrs of use.

**Reliability:** Gleaner uses proven designs to increase productivity through reliability. Fewer failures and quicker repairs reduce downtime and lost hours of harvest. The T Series features the reliable new Dura Drive ground drive system as well as improved access to critical components to reduce service and maintenance time and increase field time.

### Reduced Cost of Harvest and Improved Return on Investment

Gleaner combines are sized correctly for a majority of farming operations, available for an affordable initial investment and delivering the lowest cost per bushel harvested.

- **17% lower cost of harvest**
- **Lower grain loss and higher grain value**
- **Backed by the two-year Gleaner Guard Warranty**
- **Good resale value**





## ON THE FARM

What our customers have to say about Gleaner combines and the new T Series

### Scan To Watch:

See farmers, engineers and other experts discuss the new T Series combines, and see them in the field.



Craig Meeker

**Craig Meeker**, who raises “sorghum, wheat, corn, soybeans, cotton and kids” on Meeker Farms southwest of Wellington, Kansas, runs John Deere combines but has demo’d Gleaner combines the past three years. Here’s what he says about the T Series prototype he ran in 2024:

“I’m very impressed with the new machine and the capabilities I’ve seen with it thus far. The new transmission in this combine, it’s heavier duty. It’s very responsive. It’s more like an IVT instead of a hydrostat. It rivals

right there with the John Deere multifunction handles that we have on our John Deere combines.

“Gleaner has always had a good clean sample, and this combine is no different. I think anybody that’s experienced the sample of the Gleaner in the past will be excited about the sample that they receive out of this combine as well. Everything I’ve seen thus far, it’s a nice machine. We will definitely be giving the T Series Gleaner a look when we look to update.”





**Lynn Watne**



**Nathan Watne**

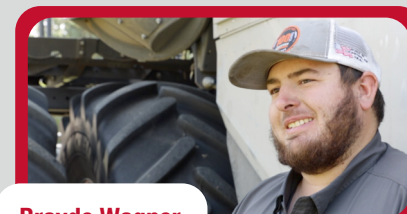
**Lynn and Nathan Watne**, father and son farmers at Velva, North Dakota, have been harvesting multiple crops with Gleaners for generations. Their impressions of the T Series include:

**Lynn:** "This thing is going to meet a lot of needs that people have been asking for for a while." With the Dura Drive ground drive system, "you just take off with it and you hit a button and it shifts on the fly, and then you can go 11 miles an hour instead of 7. And that's huge. I think that this transmission is a game changer in this combine."

**Nathan:** "The shielding has changed a lot. You can open up the whole side now. You can get access to the batteries all in one door. Everything is so much more accessible on this machine." When he visited the Gleaner plant in Hesston with his wife and Lynn, "We actually got to put input into the cab, and we can see some of the input today. So they actually care about what the farmer thinks. The visibility out of the cab is absolutely amazing, and the affordability of running them is, too."

## GLEANER DESIGNERS ARE ALSO FARMERS

**Brayde Wagner, a Mankato, Kansas, farmer and custom harvester** who also field-tests prototype combines for AGCO, reports his experience running the T Series: "With this new transmission, we got a little bit of hills and everything, and the old transmissions used to have to switch in and out of high and low to get it to pull up that hill. This one just crawls right up the hill." With the new Multi-Function Lever, "I don't feel uncomfortable after a long day of harvesting. It's just more comfort. It's more of those features that we're just thinking of the farmer and let you run longer in the day."



**Brayde Wagner**

**Jared Cook, Gleaner software and electronics manager**, ran the T Series prototype on his family's farm in northeast Nebraska. "It's some pretty hilly conditions. My brother said, 'Man, the thing climbs the hills nicely,' but he said it was even better that we could catch up with the grain cart going down hills. We always normally run second gear with our current S9. Now with this new ground drive system and low gear, you have a higher top speed going downhill. So if you got a new grain cart operator, you can catch up, right? Keep that grain in the cart, not on the ground."



**Jared Cook**

**Josh Ekholm, AGCO Director of Global Harvesting Electronics**, says: "As a farmer with generations of experience with Gleaners, it's easy for me to say be confident for what the T series is going to represent as we go forward with this new series, with a new ground drive system and other new features. But I would also say to those that don't have the experience, now is your chance. It's a T Series machine. It's got the same reliability, the same efficiency, the throughput that have given me confidence as an owner, and now it has some new features to also give you confidence as a new owner."



**Josh Ekholm**











# *Go* **GLEANER!**

**RELIABILITY  
FUNCTIONALITY  
TECHNOLOGY  
PERFORMANCE**



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