The GLEANER Full-Value Advantage

A 24-month "header-to-spreader" unlimited hour warranty.

That's two full seasons during which time AGCO Corporation will repair or replace at its option, any defective part or component, excluding normal maintenance items, such as filters, fluids, belts, etc., and those items warranted by their respective manufacturers (tires, radios, etc.). Most competitive brands limit their warranty to one year on the machine and two or more on the engine.

Competitive financing and lease programs.

We realize any combine represents a big investment. That's why we offer a number of financing and leasing options through our AGCO Finance division. Your GLEANER dealer can provide complete details on the cash-flow benefits and potential tax advantages.

Experienced AGCO GLEANER dealers.

Combines are nothing new to your local GLEANER dealer. Most AGCO GLEANER dealers have been in the business as long as you have. They are committed to your satisfaction and profitability.... and to earning your respect and your business. Most importantly, they stand ready to support you with factory-trained service technicians and a complete inventory of repair and replacement parts.

GLEANER Generations of Innovation | AGCO Finance | Fieldstar Ready | Play It Safe. Work Safely.

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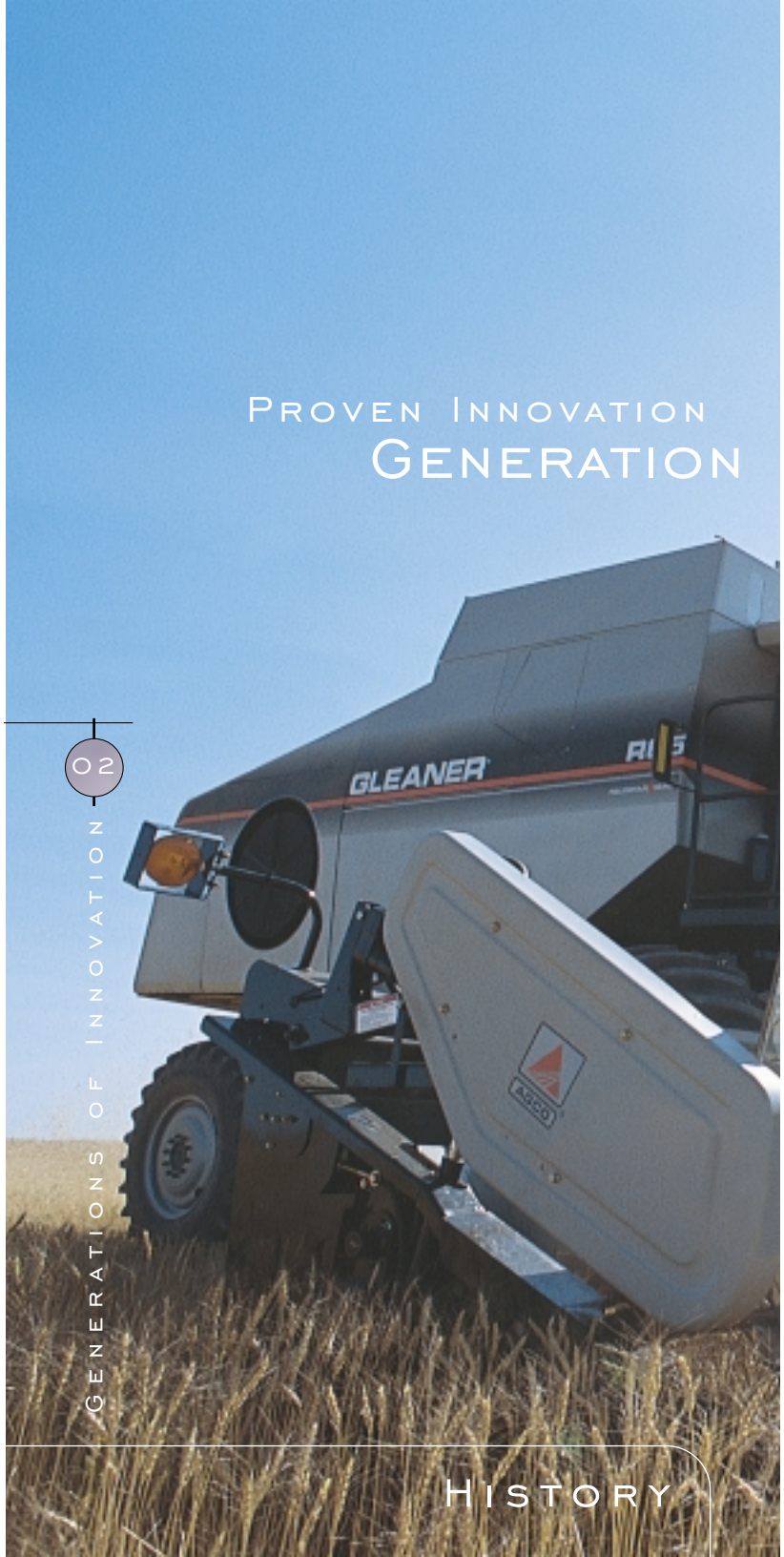
R65/R75

GLEANER R65/R75 ROTARY COMBINES

GLEANER®

GENERATIONS OF INNOVATION



Proven Innovation
Generation After Generation

Generations Of Innovative Performance

Since 1923, when Curtis, George and Ernest Baldwin introduced the industry's first self-propelled combine, the name GLEANER® has stood for efficient operation, clean harvesting and innovative design. Not only did that first GLEANER introduce one-man harvesting, but it represented the first use of an auger instead of canvas drapers; a rasp bar threshing cylinder instead of a spike-tooth arrangement and a down-front cylinder that put threshing closer to the crop. All were innovations that changed harvesting forever.

Patent No. 1,702,323 wasn't the Baldwin brothers' first and only idea, though. As early as 1911, Curtis Baldwin recognized the inefficiency of "transporting the field to the thresher," instead of the other way around. His search for a better solution led to the Standing Grain Harvester, which was a trailblazer in the concept of field harvesting.

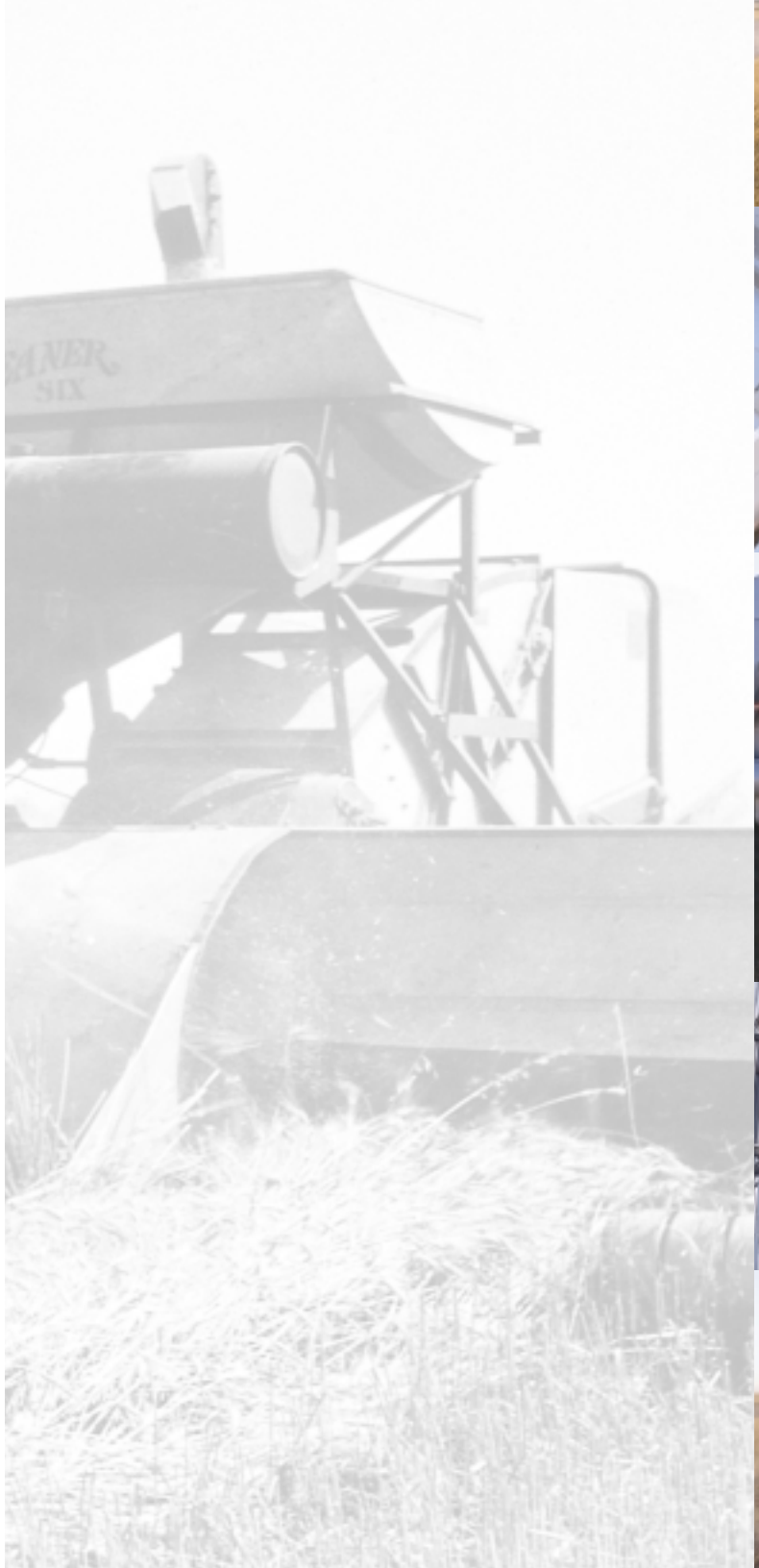
GLEANER continued to pioneer new concepts through the 20th century—as other combine brands came and went—introducing the country's first standing corn combine in 1930; the first combine with electro-hydraulic controls in 1972, the first and only combine with a transverse rotor in 1979 and the industry's first Class 7 combine and 12-row cornhead in 1980.

While a lot has changed in four generations, one fact is as true today as it was in 1923. GLEANER combines continue to lead the field in capacity, threshing quality and ease of operation.

Today's Harvesting Solution

Over the past 80 years, we've learned one thing. There's always room for improvement... even if you already build the best combines that money can buy. For the better part of a century, GLEANER engineers have combed over past, present and competitive designs to improve upon the capacity, serviceability, and performance of its machines. Whether the innovations come from new technology or customer requests, we're always looking for ways to advance the quality of the product.

One look at the new GLEANER R65 and R75, and you'll agree that today's GLEANER combines are still ahead of their time. And now, with their distinctive new graphics and re-engineered ComforTECH II™ cab, they've moved one more step ahead of the competition. But don't just take our word for it. We invite you to take an even closer look at your local GLEANER dealer. If you've blinked, your perception of GLEANER is already outdated.



In a Class

Design/Construction





By Itself

GLEANER Takes Harvesting In A New Direction

When GLEANER® engineers began looking at the rotary concept back in the 1960's, they saw a problem with conventional wisdom. Every rotary combine on the market had the rotor oriented in line with the frame and feederhouse. That meant the crop had to change directions as it entered and exited the rotor. Not much has changed on competitive models today.

From the very beginning, though, GLEANER had a better idea! Turn the rotor crosswise, so crop material could follow a ribbon pattern from the feederhouse to the straw spreader. For 25 years, GLEANER's unique transverse rotor has set the precedent in rotary combine design. We call it Natural Flow Processing. It's just one of the unique features you'll find on a totally unique combine.

Center-Line Design

The GLEANER center-line design, with its balanced weight distribution, provides improved performance in extreme conditions and reduces field compaction. The balanced design, combined with heavy-duty axles, and heavy-duty final drives, also allows GLEANER to carry the largest grain tanks in the industry—300 bushels on the R65 and 330 bushels on the R75.

One-Piece Frame

All GLEANER combines start out on a one-piece, all-welded mainframe for greater strength and reduced maintenance. The unshakable mainframe helps keep shafts, bearings and sprockets in true alignment, even on the toughest terrain.

Beauty Is More Than Skin Deep

The silver metallic, high-gloss urethane coating that covers every GLEANER combine is a thing of beauty on its own. But the galvanized steel that lies underneath is even more appealing. Impervious to corrosion, for a lifetime of durability, galvanized steel has been one of GLEANER's exclusive trademarks since 1923.

A Choice Of Unloading Augers

GLEANER is the only combine brand on the market that offers you a choice of unloading augers to match your harvesting style. Standard on the R65 and R75 is a swivel style system, featuring a 12-inch diameter unloading tube. However, options include a 14-inch diameter unloading tube; a long spout option, with its additional 14 inches of reach, and a turret-style unloading system that allows on-the-go unloading on uneven terrain or into high transport vehicles.

Maintenance Made Simple

Easy Servicing Is Part Of The Design

Ask any second or third generation GLEANER owners why they prefer silver combines and they will probably list the ease of service, adjustment and maintenance as one of the reasons.

For more than four generations, GLEANER combine engineers have put simple adjustment and fundamental maintenance at the top of their design list. Like you, they know that when you maximize uptime and minimize daily service, it translates into greater productivity.

Uptime involves more than just easy maintenance, however. It means quick changeovers from one crop to the next... fast and easy header changeover... and reliability features that head off downtime before it occurs.

Just as auto races are won or lost by the amount of time in the pits, so have crops been saved or lost to the weather by time in the shop. GLEANER gets you back in the field quicker.

Uptime Is Built Into The Design

From the header to the spreader, GLEANER combines are designed for reliability. We started with straight-through drives that are accessible on the outside of the frame for ease of service and maintenance. Then we added the little things, like shafts that are machined for a tight tolerance fit to bearings, maintenance-free belt idlers, O-ring roller chain drives for less maintenance, and Kevlar reinforced belts for added strength.

Gas-Charged Shield Springs

Large side shields with gas-charged assist springs provide easy access to machine drive components for quick maintenance. One of the protective shields on the right side of the machine drops down to become a step for better access.

Fast And Easy Lubrication

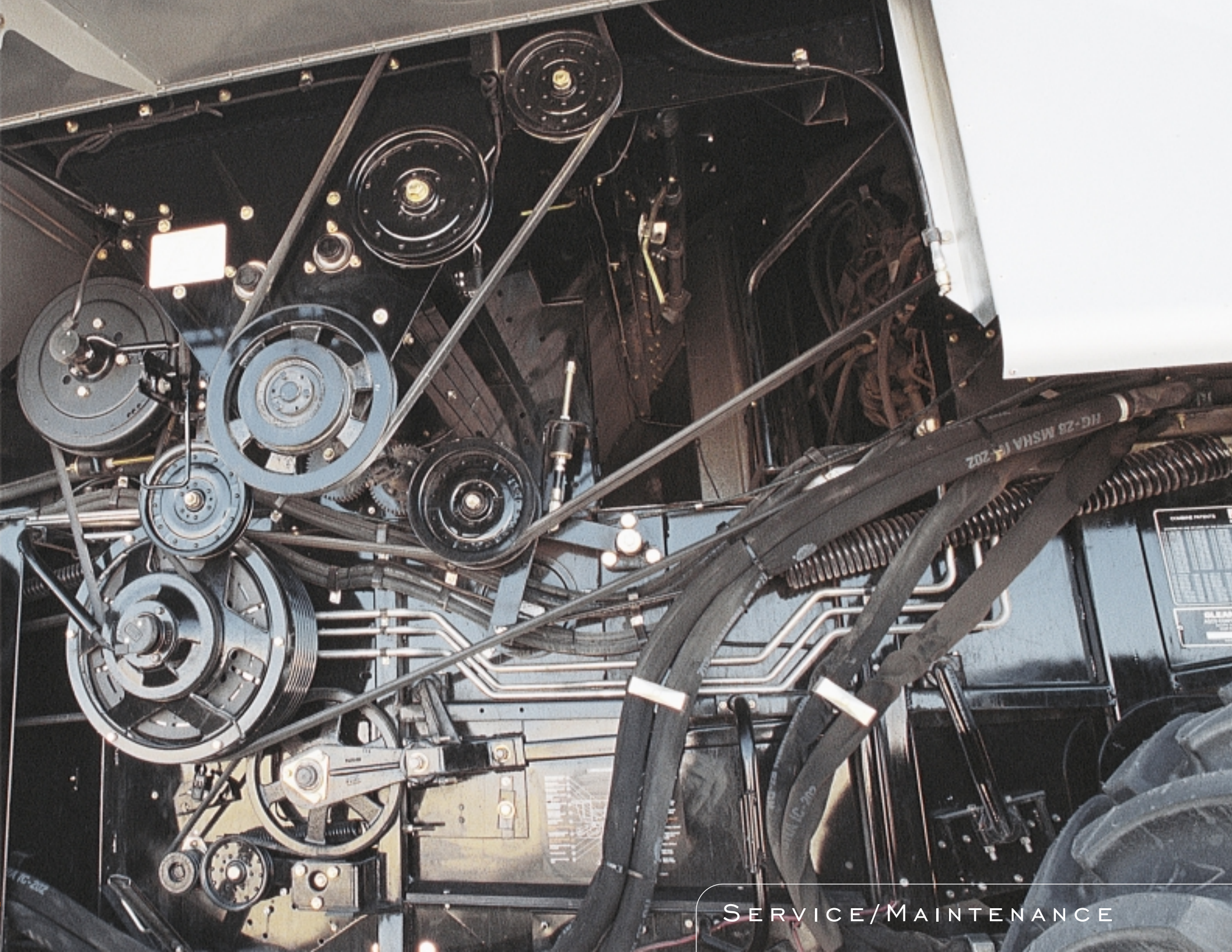
Lubrication points are marked and highlighted on the machine for easy location—with the majority of them accessible from ground level. Lube point hose extensions are provided for hard-to-reach locations.

Easy Engine Access

A large fold-down ladder leads to an enclosed engine compartment that is large enough for you to walk around the engine. Components are equally accessible for quick and simple servicing, including the batteries, which are located near the rotary air intake screen. An overhead light is added for greater convenience.

Outstanding Crop Versatility

You won't find another combine that goes from one crop to another as easily as the R65 and R75. In many cases, the adjustments can be made right from the cab by changing such functions as rotor speed, concave setting or the air control choke. If additional cylinder or concave modifications are required, you'll find easy access through doors in the grain tank and the engine compartment.



Service/Maintenance

The Heart and Soul of GLEANER

A. Superior In Every Way
The GLEANER Natural Flow Processing System is unlike any rotary threshing system on the market, not just because it is oriented differently, but because it threshes and separates grain differently. You'll see the difference in the grain bin, the scales ticket and the premiums some buyers pay for undamaged kernels.

B. Long Feeder Housing
A long, 69-inch feeder housing provides excellent visibility both behind and in front of the header. A false floor, located behind the front drum, extends to the rear of the feed housing to reduce the potential for chain jumping, wrapping and plugging. Of course, a hydraulically driven feed reverser is still standard equipment.

C. Two-Stage Gathering Chain System
The aggressive gathering system uses two separate chains to move the crop quickly and efficiently. The front chain permits full header flotation, while the rear chain maintains a constant angle, feeding the crop in a straight line to the concave and cylinder.





D. Natural Flow Processing System
The unique transverse mounting of the Natural Flow processing cylinder moves your crop in a ribbon-like fashion from the concave through the cage providing thorough threshing and 360° of rotary separation. You get higher quality grain, because your crop isn't being tossed about.

E. Cylinder Drive Belt
Thanks to its high tensile strength and lateral stability, the cylinder drive belt offers less stretching, greater power transfer and longer life.

F. Electric Concave Adjustment
Certain to be a real time-saver, this standard feature allows the operator to make concave adjustments from the cab. A mechanically adjusted separator grate provides additional opportunity to save grain and make more money from every acre.

G. Chromed Cage
Helical bars, installed on a 40-inch pitch, move material in a spiral motion through a threshing and separation cage that has been chrome-plated for longer life in abrasive, high-capacity harvesting conditions.

H. Accelerator Rolls
Our exclusive and patented accelerator rolls propel grain four times faster than normal free fall through a high-velocity air blast. As a result, light chaff blows out the rear of the machine before it reaches the grain pan. Because grain is accelerated to the pan, the system reduces the "downhill shift" of material in slope conditions, increasing the cleaning capacity and reducing grain loss.

I. Distribution Augers
As the grain and chaff are separated through the rotor cage openings, special augers redistribute the material over the accelerator rolls for even shoe distribution and extra cleaning capacity.

J. Grain-Covered Pan
From the accelerator rolls, the precleaned kernels gently fall onto the grain pan, which is covered by a layer of grain during field operation. This serves as a soft cushion, which protects against damage or cracking. From there, the crop passes through the adjustable chaffer and sieve in the final stage for greater cleaning and even finer separation.

K. Transverse Flow Fan
Controlled from the cab, the exclusive transverse flow fan delivers an even, high volume of air to effectively unload the grain shoe. The straight-through flow also ensures even air distribution for a better grain sample.

L. Dual Stage Outlet
Two outlets provide air for precleaning at the upper duct and final cleaning at the lower duct. The upper outlet (duct) directs its volume of air immediately under the accelerator rolls which preclean the crop before entering the chaffer area. The lower duct provides air to the chaffer and sieve for final cleaning. This two-stage cleaning process makes for higher capacity and cleaner grain samples.

M. Foreign Object/Stone Trap
The exclusive GLEANER thresher concave door automatically ejects rocks and damaging objects before they enter the cylinder and concave area. The optional EZ close stone trap provides a simpler alternative in extremely rocky conditions.

N. Chaff Spreader
GLEANER's integral, hydraulically driven chaff spreader requires no mechanical drives and eliminates the cleaning shoe chaff concentration often found behind the combine. The benefits include even spreading and reduced frequency of adjustment, giving you increased harvest rates and greater profitability.

O. Dual Tailings Return
Unlike other combines, GLEANER recirculates the tailings to the accelerator rolls for additional cleaning and higher grain quality. For tougher threshing conditions, a "tailings return to the cylinder" option allows you to route tailings to either location.

P. Grain Sample Door
A convenient grain-sampling door located at the operator's deck allows quick access for grain samples.

Q. Crop Residue Disposal System
A two-speed straw spreader with adjustable paddles allows you to adjust the spread of crop material to the header or cornhead width. An optional two-speed chopper breaks down residue finer for faster decomposition and easier incorporation into the soil. Other options include a fine-cut chopper, dual straw spreader, variable speed hydraulic spreader, and hydraulic chaff spreader.

Tough Enough to take the heat

The Name Says It All

It only takes one word to describe the strength, reliability and serviceability of the R65 and R75 engines....Cummins.

Known worldwide for their fuel efficiency, quick response and added reserve horsepower, Cummins engines have long been the choice of GLEANER engineers and customers alike.

Powered by the QSC Cummins engine, the R65 boasts 285 hp at 2,200 RPM, with a power bulge of 305 hp when engine RPM pulls down to 2,000 RPM. In addition to its 24-valve head, which provides increased air circulation, the QSC engine also features Cummins electronically controlled CAPS (Cummins accumulator pump system) fuel system for greater performance and improved efficiency.

The R75, meanwhile, features the 330 hp Cummins M11 diesel engine. Equipped with the CENTRY electronic fuel system, the M11 engine offers full horsepower and torque ratings at a low 2,100 RPM.

Strength To Carry The Load

Large headers and high-capacity grain bins call for a combine that can carry big loads over flat ground and hilly terrain alike. The R65 and R75 meet the demands with a large, high-torque, split hydrostatic drive unit coupled to a four-speed transmission and the new heavy-duty S-39 final drives.

Speed And Torque

Unlike most competitors, which only offer a three-speed gearbox, GLEANER provides four transmission gears for a greater combination of speed and torque. Three gears cover the working range from 0 to 10.48 mph. (16.87 kph), while the fourth provides quick transport between fields up to 20.96 mph. (32.3 kph). A new gear reduction from the previous 2 Series, gives the R65 and R75 an 8% increase in tractive effort, which is particularly valuable in hilly terrain.

Tires To Match Conditions

Drive and steering tires are available in a variety of sizes and ply ratings to match row and crop conditions. We also offer a choice of R1 cleat, R2 rice lug and R3 diamond tread drive tire treads. Steering tires are available as I1 implement tread or R1, R2, and R4 lugs.

Engine/Transmission/Drivetrain

Cab Comfort

A new Level of Comfort

GLEANER Redefines "Working Environment"

There's no such thing as an 8-hour day, come harvest time. When conditions are right, harvest can start early and go well into the night. That's why the ComforTECH II® cab received the greatest amount of attention during the design of the new GLEANER 5 Series.

Inside, you'll find a new level of comfort and convenience. Outside, you'll discover improved access, extra-large mirrors and a lighting system that turns night into day. Together, they add up to less fatigue during long days and greater productivity.

You'll notice the difference the minute you open the cab door. Measuring 40 1/2 inches at the top and 31 inches at the bottom, it allows quick and easy entry and exit. Inside, you'll discover a luxury, air-suspension seat that automatically provides infinite adjustment for operator weight. You'll also notice a new seat-mounted control console that moves and floats with the seat, so controls are always at hand. We even added a set of footrests, located on the cab floor, to help reduce operator fatigue and increase comfort.

Another thing that is immediately evident is the clear, expansive view. The new ComforTECH II cab features a large curved windshield and 62 square feet of green-tinted glass that helps reduce glare and heat load in the cab. That's more glass area than anybody else in the industry.

Luxury, Air-Suspension Seat

The new, air-ride seat has it all, from ergonomic-shaped cushions that hug your body to a seat-mounted console that floats right along with you. Adjustments include fore/aft position, lumbar support, armrest position, seat cushion angle, seat cushion depth and integrated backrest extension. Of course, an integrated seat switch ensures that all drives are disengaged when the operator leaves the seat.

Light Up Your World

You asked for more lights; you got 'em. You'll find eight halogen worklights mounted in the roof visor, another in the grain tank, two to illuminate the area behind the header and two more that help you see behind the combine. We've also included a back-up light; a light on the unloader tube, and an additional service light with a magnetic base and three receptacles, so you can plug it in where you need it most. The light on the ladder deck side of cab includes a 3-minute timer for use as an exit light.

New, Leather-Wrapped Steering Wheel

A 14-inch leather-wrapped steering wheel offers quick response and all-day comfort. Two tilt locations, plus a telescoping feature, let you position the wheel exactly where you want it. The steering column also includes controls for turn signals, horn and a wait-to-start indicator on the R65.

New Climate-Control System

Whether it's hot or cold outside, you'll be comfortable inside. The 5 Series' air conditioner and heating system features seven outlets, including one under the seat to warm your feet; two high-volume inlet filters and one recirculating filter for maximum air circulation and comfort. Additional defrost vents for the windshield and side windows ensure a clear view of the field, even in the coldest weather.

Versatile Instructor's Seat

Call it what you want—instructor seat or training seat—you're sure to call it handy! An extra position allows a person to ride in comfort, thanks to ample cushioning, a seatbelt and an armrest on the main cab door. Raise the seat cushion and you'll find extra storage for field maps, CDs and the like.

GLEANER PUTS YOU IN CONTROL

YOU EXPECT MORE FROM A LEADER

It should come as no surprise that the GLEANER R65/R75 combines are among the easiest in the industry to operate. After all, GLEANER was the first to introduce electro-hydraulic controls back in 1972. We have a lot of experience in operator control and comfort.

The minute you sit down in the deluxe air-ride seat, you'll notice how all the most frequently used controls are located on the armrest console or the new hydro control handle. Both are mounted to the seat, so they float with you over field contours. Gone are the days of trying to "home in" on a button or switch while bouncing over end-row furrows or ruts in the field.

GET A HANDLE ON PRODUCTIVITY

Header adjustment and unloader auger control have never been easier, thanks to a new hydro control handle that incorporates the most frequently used functions. In addition to controlling ground speed and direction, the multifunctional control handle incorporates switches for all header, reel and unloading auger functions, as well as variable speed cornhead control and SmarTrac™ Lateral Tilt (optional).

An additional button-type switch on the hydro handle allows the operator to toggle through a selection of functions displayed on the B-post monitor. The hydro handle incorporates a parallel angle control feature that keeps the operator's arm and hand at a consistent angle for complete comfort.

FINGERTIP CONTROL

You get the best of both worlds with GLEANER's new armrest-mounted control console. All the controls you regularly use are right at your fingertips, including those for reel speed control, header height sensitivity, throttle control, control and engagement of the optional SmarTrac™ lateral tilt system and clutch engagement switches for the header and separator.

On the other hand, less frequently used controls, including those for rotor variable speed, feed reverser, electric concave adjustment and cleaning fan electric choke control, are located under the armrest. They're easily accessible when you need them, and out of the way when you don't.

IN-LINE GEAR SHIFTING

Not only does GLEANER give you a choice of four forward gears plus reverse, but all four gears are positioned in-line for easy selection and reduced operator effort. Mounted to the left of the operator seat, the lever requires only movement forward or backward to change gears or return to neutral.





Genuine Intelligence

Take The Guesswork Out Of Harvesting

As reliable and efficient as the new GLEANER R65 and R75 combines are, there are decisions and adjustments that can only be made by an informed operator. The key, of course, is keeping the operator completely informed, which was the design focus of the unique "Heads Up™" and B-post monitoring system.

Based on state-of-the-art CAN Bus electronics, the system incorporates a series of microprocessors for engine and shaft monitoring, as well as functions for system diagnostics, interlock and environmental control. Most importantly, all machine functions can be monitored while you keep an eye on incoming crop.

Quickly Track Harvesting Functions

Select a specific shaft. The heads up shaft monitor system will give you the rotation speed. An easy to read combine silhouette allows the operator to monitor, both visually and audibly, virtually all combine operations, including the rpm speed of the rear feed conveyor, clean grain elevator, return elevator, impeller/chopper, spreader, distribution augers, rotor, shoe, reel and engine.

In addition to shaft monitoring, the heads-up display provides the operator with all pertinent data on the engine, fuel level, header height, ground speed, unloader auger position, inside and outside temperature and concave position, as well as valuable harvest information, like distance covered, acres covered and crop moisture level.

Redundancy Can Be A Good Thing

One look at the new B-post monitoring system and we think you'll agree repetition can be good for productivity and convenience. Sure, you'll find the fuel level, engine oil pressure and engine temperature displayed on the heads up monitor. But we put analog gauges on the B-post anyway, just to make it easier for the operator.

You'll also find a two-line digital display mounted at eye level. The first line offers the choice of rotor speed or engine speed. The second line can be toggled, via the button on the hydro handle, through a choice of three different functions, including rotor or engine speed (whichever one is not chosen for the first line), vehicle ground speed, and your choice of one more function from the heads-up monitor. You decide which one is most important for eye-level viewing.

Pacer Grain Monitor

A grain monitor should be easy to read if it's going to be useful. GLEANER's redesigned Pacer monitor system is both simple to use and effective!

Forget about dials or digital bar graphs that are hard to read in low light. A series of nine LED readouts—five green lights that verify normal operation, three amber lights that indicate incremental loss levels, and one red light for unacceptable losses—let you know at a glance how efficiently the machine is operating.

All you have to do is select the seed size to be harvested, decide where you want loss information to be gathered (rotor, shoe or combined readings) and dial in the desired amount of sensitivity. That's it! You can concentrate on the job at hand, knowing that you're always getting peak performance.

The Sky is the Limit

The World Leader In Precision Agriculture

A brochure for the 1929 GLEANER combine offered as optional equipment a Hart Combine Register to "register absolutely accurate every bushel of grain passing through the combine." You might call it the Baldwin brothers' version of the yield monitor.

As advanced as that concept was for its time, things have come a long way since. Today, the AGCO Fieldstar Precision Agriculture System offers industry-leading technology.

Centered around our exclusive DataTOUCH® Command Center, the Fieldstar system gives you the ability to collect information, analyze the data and implement all your decisions with variable-rate or site-specific technology (i.e. planting, seeding, spraying, fertilizing, tilling, etc.).

Fieldstar isn't any newcomer on the scene, either. Years before the system was brought to North America, AGCO was marketing precision agriculture systems in Europe and helping producers map their way to higher yields and improved profits.

DataTOUCH® Puts You In Touch

The heart of the Fieldstar system is the DataTOUCH Command Center—the most advanced, state-of-the-art terminal on the market today. The touch-sensitive technology puts you in command of programming, DGPS setup and field data collection with the touch of a fingertip.

Best of all, one DataTOUCH terminal can easily go from your combine, to your tractor, to your sprayer for applications on the next crop.

Take Farm Management Full-Circle

Precision agriculture isn't limited to yield mapping during harvest. It's a year-around opportunity to manage your farm for maximum profitability.

The Fieldstar harvest yield monitoring system—now with standard differential GPS (DGPS) & Fieldstar office software—allows growers to gather site-specific data. Record and map what you need to improve crop management. Map what you like—yields, crop moisture, altitude, engine functions—whatever you need to manage better. Vital record keeping on special crop information such as food grade crops, biotech crops, and differing hybrids is all easily logged and mapped.

Rounding out the year, Fieldstar lets you incorporate data from many sources such as soil sampling, crop consultants, crop-input dealers and other sources to produce application plans. Fieldstar with DGPS makes site-specific farming a reality, including variable-rate seeding, site-specific tillage, and money-saving site-specific/variable-rate crop input application. The resulting as-applied maps help you find still more efficiency and document your good environmental practices.

Unmatched Building Blocks

The field data you gather and analyze with Fieldstar can be as complex or as simple as you want it to be. It all starts with a field map.

Unlike other systems, though, Fieldstar lets you create your choice of color yield maps, bar graphs, pie charts, and field profit maps to better analyze the data. Crop yields can also be displayed in percentage terms, as opposed to yield. As a result, you can better determine whether a problem is inherent to a particular year's crop or a sign of a bigger problem.

A gross margin mapping function even allows you to enter cost data input to calculate where a field was profitable and where you broke even or lost money.

Simplicity, Flexibility, Compatibility

Your GLEANER Series 5 combine is already wired for easy Fieldstar installation at the factory or in the field. Once installed, it's easy to use. It's simple.

When you choose the Fieldstar Precision Agriculture System, you are adding a Fieldstar interface card to the highly advanced electronic data stream from the GLEANER CAN bus system. This designed-in compatibility is what allows you to know more. Site-specific data from yield, crop moisture and temperature sensors are a given. In addition, engine functions and other data can be logged, mapped and analyzed. View the information on the award-winning DataTOUCH terminal, print it on the optional in-cab printer, or log the data for later analysis. It's flexible.

Plus, the Fieldstar terminal and DGPS are easily transferred from your GLEANER to other equipment. With the optional scouting harness, it can even be used in other vehicles to map boundaries, mark field obstacles or whatever you like. It's compatible.

FIELDSTAR®
The science of agriculture.

FIELDSTAR

Headers

Ahead of the Field in header choices

GLEANER Offers A Header For Every Crop And Condition

From Saskatchewan to Florida, California to the Carolinas, South Africa to Australia, GLEANER combines are at home in any crop. One reason is the adaptability of the combine itself. The other is the wide selection of headers that carry the AGCO name. There truly is a header for every crop, condition and farming practice.

Model 3000 HUGGER® Heads

For years, the name HUGGER has been synonymous with performance in the world's cornfields. But with the addition of rugged polyethylene dividers, they got even better. It starts with a 21.5-degree, low-profile entry angle that slides under standing, fallen or lodged stalks. The 30-degree slope of the outer gather sheets divides broken stalks and allows the crop to flow into a 16-inch diameter adjustable auger. Each row unit is a self-contained, modular design with its own rugged gearbox and torque limiter.

Available in 4-row (38-inch), 6-row (30- and 36-inch), 8-row (30-, 36- and 38-inch) and 12-row (20-, 22- and 30-inch) configurations, the HUGGER line-up meets the demands of small and large farms alike.

Model 4000 Pickup Header

Designed to a new level of performance and reliability, the Model 4000 pickup header can be equipped with either a Swathmaster or Rake-Up pickup attachment. This gives you the diversity you need to meet most harvesting situations. With either option, a 24" diameter floating conveyor auger provides smooth flow of material from the pickup attachment.

Available in 12- and 14-foot sizes, The Swathmaster pickup features a conventional design with plastic teeth and offers excellent performance in any swathed crop. For both normal and adverse conditions, GLEANER offers its newest Rake-Up pickup. Teeth mounted on tough aluminum fingers work at an angle, like a side-delivery rake on its side, to sweep windrows clean.

Model 5000 Draper Header

For expansive fields of small grain, there's nothing like the Model 5000 draper heads to keep things running in an orderly manner. Choose from grain models in 25-, 30- and 36-foot widths and rice models in 22- and 25-foot sizes.

All five sizes feature a hydraulic-driven Schumacher (SCH) epicyclic gear drive that moves the knife at 1,200 strokes per minute. It also comes with a choice of bat, universal U2 pickup or polytine pickup reel to match your specific crop and conditions. Both left and right draper assemblies have their own hydraulic drive motors, effectively delivering the crop to a 60-inch center feed draper. At that point, a feed auger, with adjustable timed fingers, smoothly combs incoming material into the combine's feeding system. Coil springs on the header mounting kit provide 5° lateral float and 8" vertical float, independent of the combine, allowing the header to follow the contours of the ground.

Model 6000 Stripper Header

With the Model 6000 stripper header, you don't have to wait for extended dry times for wet straw or weedy conditions. Utilizing a rotating drum with six rows of comb-like elements, the 6000 header literally strips grain heads from the crop, leaving the stalks in the field. That means harvesting can start earlier in the morning and last late into the evening without having to shut down. And in a race against bad weather, the 6000 stripper header can mean the difference between a profitable harvest or a significant loss of crop.

But the Model 6000 has other implications as well. Because less material-other-than-grain (MOG) passes through the machine, combine speed and capacity are often increased. The improved "post harvest conditions" can also help you meet double cropping demands or regulations concerning soil erosion.

Model 7000 Rigid Headers

From the cutterbar to the auger, the Model 7000 rigid header is designed to provide a smooth, even flow of crop material to the feederhouse. Its smaller diameter reel and 30" diameter auger with 7" flighting prevents bunching of material on the cutterbar for improved harvest rate and less crop loss. Curved reel arms, with fine reel height adjustment, are standard on all sizes. Fore/aft reel adjustment provides additional control for improved feeding, performance and capacity. Available in 25-, 27- and 30-foot sizes, the 7000 rigid header also features a counter-weighted, wobble box sickle drive that operates at 565 revolutions per minute for fast cutting in a variety of conditions.

Model 8000 Flex Headers

Available in 16-, 18-, 20-, 25- and 30-foot sizes, the Model 8000 Flexible header can be tailored to meet your exact needs. Start with your choice of HCC level II or U2 (Universal) style pickup reels. Then add your choice of three types of sickles—standard, clean cut or SCH (Schumacher). Curved reel arms, which offer fine height and fore/aft adjustment, are standard on all units. Hydraulic reel drive, which includes an automatic speed control that adjusts reel speed in relation to ground speed is also standard. GLEANER offers high-strength, stainless steel feather sheets as standard equipment to provide a rust-free, uninterrupted surface for smooth crop flow. Raised feather sheets, which further enhance crop flow in certain conditions are optional.

Quality and Efficiency start up front

Special Header Control Features

One of the primary goals the Baldwin brothers had in 1923 was taking an efficient thresher to the crop, in effect, making the machine self-feeding.

Today, crop feeding is still a major focus of GLEANER engineering. After all, the efficiency of the combine is only as good as the ability to gather crop material into the feederhouse.

That's why GLEANER gives you features like automatic header height control and auto reel speed as standard equipment. We know that harvest productivity starts up front.

Fast Header Changes

Few producers grow just one crop these days... or use just one header during the harvest season. So quick and easy header hookup is vital to productivity... not to mention the schedule. GLEANER answers the call with a unique one-point latch system that makes header changeover a snap. PTO-style shaft couplers, combined with a single-action hydraulic multi-coupler and a quick-attach electrical connector, help complete the task in record time, without mistakes or spilled oil. Within minutes, you're harvesting a new crop in a new field.

Auto Reel Speed

Controlled from the armrest-mounted console, the automatic reel speed function commands the hydraulically-driven reel to speed up or slow down as ground speed changes. Of course, reel speed can also be controlled manually to match varying crop and field conditions.

Automatic Header Height Control

In essence, the name says it all. The automatic header height control system provides infinite height variability when used in conjunction with the Model 8000 flex headers, as well as any Model 7000 rigid header or Model 3000 Hugger corn head equipped with the optional sensing rods. When in use, sensors signal the hydraulic system to automatically raise and lower the header to maintain the cutterbar or row dividers at a preset distance from the ground. The system is also designed to work in conjunction with the optional SmarTrac header tilt system.

Return To Cut Control

The automatic, header-height control system includes a feeder house position control function, referred to as "return to cut," as standard equipment on both the R65 and R75. This feature automatically returns the feeder house to a preset position each time the header is raised for transport or turning, and returned to the original cutting position. We don't have to tell you what that feature alone can do for fatigue reduction and improved performance.

SmarTrac™ Lateral Tilt Option

Not everyone has the luxury of farming flat land. That's why GLEANER developed the SmarTrac Lateral Tilt system in the first place. Choose manual operation via a switch on the hydro handle or select the automatic mode to automatically follow ground contours that slope up to four degrees in each direction.

All controls are already integrated into the control console and hydro handle, without the need for additional boxes or switches. In addition, the Model 8000 flex headers require no additional modification to fit the system. Only the Model 7000 rigid grain headers and Model 3000 Hugger corn heads require the addition of mechanical sensor rods.

Regardless of which header you use, you'll appreciate the automatic self-leveling feature that returns the cutterbar or corn head to a level position each time it is raised to the transport position.

Header Controls

Add The Extra Options You Need

We've tried to equip the GLEANER R65 and R75 with all the features you'll ever need to do a clean, efficient job of harvesting virtually any crop. Plus, we've already added a lot of the features that other manufacturers only offer as options.

In addition to major options like the large swivel auger, turret auger and the SmarTrac™ Lateral Tilt system, there are numerous features and systems that can be added to further increase your comfort or the machine's efficiency in certain types of crops or conditions.

Power Mirrors

The power mirror option allows each mirror can be electrically controlled from inside the cab to provide up-and-down and side-to-side movement.

Radio/Weatherband

Choose from two factory or field-installed radio options, including an AM/FM cassette radio and an AM/FM cassette weather band radio.

Spreader/Chaffer Options

GLEANER offers several residue disposal options for specialized farming practices, including a hydraulic spreader, for variable speed control of the spreader; a dual straw spreader; a two-speed straw chopper; fine-cut chopper, and a hydraulic chaff spreader. All play a role in tailoring the spread pattern to field conditions and planting programs.

Rear Wheel Assist

High torque, low speed hydraulic motors provide additional drive power via the rear steering tires for increased performance in adverse conditions.

EZ Close Rock Door/EZ Close Stone Trap

Extra stone protection options include the EZ Close Rock Door that can be easily relatched, and a stone trap that collects ejected rocks for easier disposal and less downtime.

Concave Filler Bars

Concave filler bars install into the front three to six openings of the front concave for increased threshing capacity in hard-threshing cereal grains.

Chrome Helical Bars

Offered as a factory or field-installed option, chrome helical bars extend the field life in extremely abrasive crops.

Edible Bean Cage Kit

Available in two versions—for chrome and non-chrome helical bar models—this kit enhances performance at slow cylinder speeds for improved grain quality of edible beans and other food crops.

Tailings Return Drive

The dual tailings return system allows the operator to route the tailings return to either the cylinder for additional threshing, or to the accelerator rolls, when gentle handling is preferred.

Light Seeds Kit

Perforated and blank panels, inserted in the upper and lower air duct outlets, reduce air volume beyond the standard air choke setting for harvesting light weight crops like grass seed.

Axle Spacers and Risers

Two six-inch axle spacers provide increased tread width, while the optional axle risers provide four inches of additional ground clearance at the drive axle.

Dual Tires

The dual tire kit includes everything needed for reducing soil compaction and improving stability, including four 18.4 X 42 R1 radial tires, ladder deck extension and extremity lighting and markings.

Ladder Deck Extensions

Two sizes of ladder deck extensions—15 inches and 28.4 inches—are available to extend the ladder for additional tire clearance when using dual wheels, axle spacers or reversed wheels.

Mud Shields

Installed as a factory or field option, mud shields protect the drives and components when operating in muddy conditions.

Proven Innovation

Generation after Generation

For 80 years–with every generation of farmers–the leader in harvest technology continues to innovate. Introducing the 2003 R65 and R75 GLEANER models–the newest generation of GLEANER combines.

Generations of farmers have counted on GLEANER for clean harvesting, innovative designs and efficient operation–from the introduction of one of the world's first self-propelled harvesters in 1923 to the unveiling of the exclusive FIELDSTAR yield-monitoring system in 1996. And the next generation of GLEANER continues the tradition—with an all-new cab for added efficiency, visibility and comfort, enhancements to the drive system for improved power and traction, and the addition of a more advanced monitoring and control system.

Compare GLEANER to other combines, and you'll see why thousands of farmers remain loyal ...

GENERATION AFTER GENERATION.

AGCO

R65/R75 Specifications

Dimensions	R65	R75
Transport Height	141" (3582 mm)	141" (3581 mm)
Overall Length w/o Header	303" (7696 mm)	303" (7696 mm)
w/ Header	380" (9651 mm)	380" (9651 mm)
Overall Width (Std. Tires)	153" (3880 mm)	155" (3956 mm)
Wheel Base	134" (3404 mm)	134" (3404 mm)
Weight Base	29,040 lbs. (13172 kg)	29,240 lbs. (13,263 kg)
Steering Type	Hydrostatic-Dual Cylinder	Hydrostatic-Dual Cylinder
Turning Radius	270" (6858 mm)	270" (6858 mm)

Processor Unit	R65	R75
Cylinder Type	High-Profile Rasp Bar	High-Profile Rasp Bar
Size-Diameter	25" (635 mm)	25" (635 mm)
Length	88" (2235 mm)	88" (2235 mm)
Drive	2-Speed Gear Box w/Torque Sensing Variable Drive	2-Speed Gear Box w/Torque Sensing Variable Drive
Speed Control	Electro-Hydraulic Valve	Electro-Hydraulic Valve
Low Range	200-524 rpm	200-524 rpm
High Range	418-1096 rpm	418-1096 rpm
Case Length	90" (2286 mm)	90" (2286 mm)
Concave	All Open Adjustable	All Open Adjustable
Concave Door-Stone Protection (Optional)	Spring-Loaded Latch *Trap	Spring-Loaded Latch *Trap
Total Grate Area	5459 in^2 (3.52 m^2)	5459 in^2 (3.52 m^2)

Cleaning Shoe & Fan	R65	R75
Total Cleaning Area	7187 in^2 (4.76 m^2)	7187 in^2 (4.76 m^2)
Pneumatic Cleaning Area	443 in^2 (0.29 m^2)	443 in^2 (0.29 m^2)
Cleaning Fan Type	Transverse Dual Outlet	Transverse Dual Outlet
Width	63.5" (1613 mm)	63.5" (1613 mm)
Diameter	11" (279 mm)	11" (279 mm)
Volume Control	Electric Choke Control	Electric Choke Control

**Optional*

R65/R75 Specifications

Grain Bin	R65	R75
Capacity-Standard	300 Bu. (10572 L)	330 Bu. (11629 L)
Unloading Time	2.4 Bu./sec. (84.6 L/sec.)	2.4 Bu./sec. (84.6 L/sec.)
Unloading Tube Type	Hydraulic Swivel, Large Swivel (optional) Turret (optional)	Hydraulic Swivel, Large Swivel (optional) Turret (optional)
Tube Length-Standard	250" (6350 mm)	250" (6350 mm)
Tube Length-Optional	Turret 260" (6604 mm)	Turret 260" (6604 mm)
Unloading Tube Diameter	12" (305 mm)	12" (305 mm)
***Diameter*	Large Swivel 14" (355 mm)	Large Swivel 14" (355 mm)
***Diameter*	Turret 12" (305 mm)	Turret 12" (305 mm)

Engine	R65	R75
Model	QSC (8.3 L)	M11-330 (10.8 L)
Rated Horsepower	285 (213kW)	330 (246 kW)
Rated Speed	2200 rpm	2100 rpm
Number Of Cylinders	6 (Inline)	6 (Inline)
Aspiration	Turbocharged/Aftercooled	Turbocharged/Aftercooled
Displacement	505 cu. in. (8.3 L)	660 cu. in. (10.8 L)

Transmission	R65	R75
Type	4-Speed w/ Hydro-Traction Drive	4-Speed w/ Hydro-Traction Drive
Final Drive	Spur Gear	Spur Gear
Brakes-Parking	10" (254 mm) Diameter Mechanical Drum	10" (254 mm) Diameter Mechanical Drum
Turning Assist	Mechanical Drum Hyd. Activated	Mechanical Drum Hyd. Activated

Tires	R65	R75
Drive	30.5x32 16 ply R-1	30.5x32 16 ply R-1
Steering	16.9x26 10 ply R-1	16.9x26 10 ply R-1

Axle Tread	R65	R75
Drive		
Heavy-Duty S-39 Final Drives	**120/145" (3048/3683 mm)	120/145" (3048/3683 mm)
***S-39 w/Spacers*	132" (3353) mm	132" (3352) mm
Steering		
Adjustable Axle	120/144" (3099/3708 mm)	120/144" (3099/3708 mm)
Optional RWA Axle	126/144" (3200/3658 mm)	126/144" (3200/3658 mm)

**Optional