AXIAL-FLOW®
230-SERIES - 7230 / 8230 / 9230 LUXURY CAB
Introduction
EFFICIENT COMBINING: TEAMWORK BETWEEN COMBINE AND OPERATOR

Over the past 35 years Case IH has optimised the single in-line rotor design to ensure our machines excel in capacity, performance and efficiency. The success of your business is measured by the price you earn for your crop and, whatever the challenges of the growing season, you only have a single opportunity to get it from the field to the farm in perfect condition. No other combine does that as effectively as the Axial-Flow®.

ULTIMATE PERFORMANCE…

Axial-Flow® 230 series combines are a match for anything on the market when it comes to sheer output. With up to 571hp(cv) on tap and grain tanks that hold as much as 12,330 litres, capacity isn’t in question. These are machines designed to put tonnes in the trailer as fast as possible – in all crops and all conditions. Single rotor technology was pioneered by Case IH over 35 years ago and continuous development means it’s now more gentle than ever before – not just on grain, but also on straw. These are the hallmarks of the latest Axial-Flow® rotor.

Case IH engineers understand that, whilst getting grain in the barn is the key to maximising income, fuel is one of farmers’ biggest outlays and that covering the ground quickly means nothing if it comes at the expense of excessive diesel consumption or increased grain losses. At the heart of the Axial-Flow® series are engine, transmission and rotor refinements, combined with a comfortable modern cab which allows the operator to extract all performance possible from every last drop of diesel and ensure long-lasting reliability of every component. According to independent sources, service and maintenance costs for Axial-Flow® combines are significantly lower than for competitive machines. It’s proof of how Case IH is constantly seeking to reduce the impact of its equipment both on your wallet and on the environment.

EASY OPERATION

Axial-Flow® combines have a reputation for a comfortable operator environment. By maintaining close contact with its combine owners, Case IH has introduced a cab using modern technology to create the ideal environment for operators to concentrate on the work ahead; high performance, cost effective harvesting without stress. One thing that hasn’t changed is this commitment to simple, successful principles – in operation, in servicing and in the management of the machine.

A RICH TRADITION

Single rotor combines were pioneered by Axial-Flow® engineers. We have over thirty-five years of experience behind us and our belief in the single rotor principle for both threshing and separation is borne out in our dedication to the design. However, that means nothing without the backing of the thousands of farmers who have bought Axial-Flow® combines every year since their introduction. This brochure will tell you why we think Axial-Flow® is the way to go, but over 150,000 of those satisfied customers tell you a whole lot more.
The success of Case IH is based upon a strong past. As a result of continuous growth and development, today we are the second largest manufacturer of agricultural machinery in the world. Thanks to continuous development and expansion of our range, Case IH now offers the widest ever portfolio of products to our clients.

1831  Cyrus McCormick introduces the world’s first successful reaper.

1842  Jerome Increase Case produces his first threshing machines in Racine, Wisconsin.

1863  J. I. Case and Company is founded in Racine.

1915  International Harvester builds its first combine.

1977  The first 1400 series Axial-Flow® combines are launched.

1987  A new special rotor design is launched to offer greater threshing performance and efficiency.

1993  The revised 1600 series, the third generation of Axial-Flow® combines, features the new Cross Flow fan system.

2002  The Axial-Flow® rotor is again improved, to offer better performance in robust crops such as rice and beans.

2003  Case IH is the first manufacturer in the business to use touchscreen technology to make combine operation simpler and more efficient, with the launch of the Advanced Farming System display.

2007  The 30th anniversary of the Axial-Flow® celebrates six generations of pioneering technology.

2008  The ST rotor, with its improved straw handling ability, maintains high throughput and grain quality whilst saving power and delivering better quality straw, even under high moisture conditions.

2011  The 150,000th Axial-Flow® combine leaves the production line in Grand Island, Nebraska.

2012  Case IH takes the next step in Axial-Flow® development, introducing new-generation machines featuring Efficient Power engines and completely new cabs offered in comfort and luxury versions.
HOME OF THE AXIAL-FLOW® COMBINE

GRAND ISLAND, NEBRASKA – A TRADITION OF LEADERSHIP
Case IH has powered agriculture for more than 160 years and the Case IH brand represents a tradition of leadership. Its history is the culmination of the combined efforts of great agricultural equipment companies and brands, including Case, International Harvester and David Brown, to name but a few. Each of those brands has played an important role in the history and evolution of Case IH. Over the years many things have changed, but the legendary red brand will always represent a commitment to making agricultural producers successful.

THE GRAND ISLAND FACILITY
is the CNH North America Combine Centre of Excellence. The state of the art factory is considered one of the premier manufacturing facilities within CNH. Three distinct series of combines are manufactured on the same assembly line, making the Grand Island facility the only CNH plant to utilise mixed model production. Several business units make up the manufacturing portion of the Grand Island plant including fabrication, welding, paint and assembly. Each area uses modern technology to aid in the processes, including an automotive grade e-coat paint system, laser cells, robotic welders and wireless testing systems.
AXIAL-FLOW® 7230, 8230 AND 9230
combines are built for the biggest farms, the largest contractors, the highest yields and the most demanding owners and operators – and for the lowest operating costs in every case. At their heart is the proven principle of Axial-Flow® single rotor technology and the benefits that it brings; thorough threshing leading to lower losses, but with the gentlest of grain handling.

THE AXIAL-FLOW® ROTOR
At the heart of Case IH 230 series combines is the latest Small Tube rotor, developed to boost throughputs and further improve threshing performance without compromising grain and straw quality, whatever the conditions, regardless of the crop being harvested.

AXIAL-FLOW® HEADERS: LEAVE NO GRAIN UNGATHERED
Available in working widths up to 12.4m, Case IH grain headers are engineered specifically for damp, heavy straw conditions that can be a hallmark of European harvests. These are headers designed to exploit the full potential of what 230 series Axial-Flow® combines are capable of.
COMPETITION-LEADING UNLOADING CAPACITY
With the high-capacity unloading option, which allows for grain discharge at rates up to 159l/sec, unloading time is greatly reduced, which is particularly welcome in high-yielding crop conditions and improves overall work rates. In addition, if you prefer to unload on the headland, you’ll spend much less time doing so.

INTEGRAL CHOPPER SLICES THROUGH STRAW
The combine’s pass lays the path for next season’s crop, whether you are chopping or baling your straw. With an Axial-Flow® clean-cutting and perfectly-pulverising straw choppers leave an excellent foundation for next year’s crop. Changeover to swathing happens quickly to deliver clean, neat, easy to bale swaths.

INCREASED TRACTION, NARROW TRANSPORT
When compared with wheels, the front track option for Axial-Flow® combines boosts both tractive effort and flotation with a narrow transport width of just 3.5m on 610mm tracks.

LUXURY CAB
There’s no combine simpler or more comfortable to operate than the latest 230 series Axial-Flow®. The Multifunction Propulsion Control lever places all the key external functions in the palm of your hand and, for full control, the commands are grouped and arranged in the most ergonomic and logical layout following the combine from front to back positions, allowing easy management of all header functions and unloading auger operations.

KEEP A CLOSE EYE ON PERFORMANCE
Case IH AFS Connect telematics systems allow you, from your farm office, to use wireless technology to monitor the performance of your harvest operation as it happens and identify ways to improve its efficiency. You can also receive machine tracking and performance monitoring data, and even warnings of any fuel theft, via SMS text message.
FROM THE INVENTOR OF AXIAL-FLOW®
HIGH TECH INSIDE:
SINGLE ROTOR TECHNOLOGY

ONE ROTOR FOR ALL CROPS AND CONDITIONS
At the heart of every Case IH Axial-Flow® 230 Series combine is the latest Small Tube version of the legendary Axial-Flow® rotor. It’s been developed to improve even further threshing performance in all crops and boost throughput in damp conditions, regardless of crop type or moisture content and without compromising grain and straw quality. The thorough yet gentle threshing that’s a hallmark of the Axial-Flow® system plays a big part in protecting potential quality premiums.

FROM THE INVENTOR OF AXIAL-FLOW®
Single rotor threshing and separation is a Case IH specialty. We unveiled the first combine range based solely on this system more than three decades ago and such has been its success that it remains core to our combine range today. However, while the principle has remained unchanged, with each range development Case IH engineers have utilised the very latest technology available to meet future farming needs. Axial-Flow® 230 series combines benefit from that same forward thinking, and incorporate some of the very latest concepts, not only in threshing and separation, but also in areas from cleaning to unloading, from engine enhancements to transmission technology. The end result is a combine range built not just to meet today’s farming challenges, but to take on tomorrow’s too. The grain-on-grain threshing action of Axial-Flow® not only limits grain losses in the field through more effective separation, but also ensures that what goes into the grain tank is unbruised and unbroken, protecting crop quality and adding revenue to your bottom line. There’s no high-impact conventional drum such as that used in conventional or hybrid combines and the transition from threshing to separation is completely seamless. High centrifugal forces are achieved at low rotor speeds but for tougher conditions it’s simple to increase the rotor velocity. Case IH engineers recognise that every grain is precious and that high outputs are no compensation for losing crop out of the back of the combine; that’s why they go to great lengths to give you the best separation system in the business.

HIGH GRAIN QUALITY
Evidence suggests that threshing and separation damage is substantially lower with the Axial-Flow® system when compared with hybrid threshing systems. The result is best-in-class grain quality with fewer cracked grains meaning not only a better sample, but also less damaged grain in the straw. Day in, day out, Case IH Axial-Flow® ST rotor combines consistently deliver high grain quality.

Rasp bars are arranged in three spirals around the rotor for improved threshing, better straw quality and reduced power consumption. Access to the rotor cage is possible from both sides of the machine, while lightweight interchangeable modules can be easily removed and changed for different crops.

![Grain Quality Graph](image-url)
ULTIMATE PRODUCTIVITY

GENTLE THRESHING MEANS MORE GRAIN, MAXIMUM QUALITY

- The gentle yet thorough Axial-Flow® system separates out more grain and leaves it in the best possible condition.
- Resulting in both yield and quality gains which are reflected directly in your bottom line.
- Gentle movement of crop from elevator to transition cone – NO CROP ACCELERATOR NEEDED.
- Impeller design moves crop gently from feeding speeds of 10kph to threshing speed of 130kph in less than three seconds.
- Axial-Flow® rotor optimises crop flow for gentle threshing and increased throughput in tough conditions.
- Impeller moves more than 30m³/min of air resulting in a cleaner, clearer view of the cutterbar, even at night in dusty conditions. It’s an ST rotor exclusive feature.
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<th>MODEL</th>
<th>Header Type</th>
<th>Min.</th>
<th>Max.</th>
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<tbody>
<tr>
<td>3050</td>
<td>variable</td>
<td>6.1m</td>
<td>12.4m</td>
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</table>
DESIGNED TO GATHER EVERY GRAIN

AXIAL-FLOW\textsuperscript{®} HEADERS
High capacity combines need high capacity headers. Available in widths from 6.1 - 12.4m, Case IH grain headers are designed specifically for European conditions and allow you to make the most of the capacity these machines are capable of.

3000 SERIES HEADERS TO SUIT ALL CONDITIONS
The 3050 VariCut heavy duty headers are available in working widths of 6.1m, 7.6m, 9.1m, 10.7m and 12.4m. With their variable knife positioning, these headers master dry and wet harvesting conditions, regardless of the crop type or whether straw is short or long.

SHARP AND SWIFT
Hydraulically driven side knives are available for 3050 headers on all Case IH Axial-Flow\textsuperscript{®} combines for a clean cut row edge with a minimum loss in all oilseed rape conditions.

PROVEN PERFORMANCE IN LAID CROPS
The reel lowers below the level of the knife, picking up laid crop, gently lifting it over the knife and preventing header losses.

ADVANCED ELEVATOR DESIGN
However, headers are only half the story when it comes to getting crop into the combine. The Axial-Flow\textsuperscript{®} 230 series features high capacity elevators to improve the flow of crop as it enters the machine. Stones and other foreign material are fed by a slip clutch protected roller into the stone trap, preventing any damage to the combine. The large stone trap is conveniently emptied with a lever from the left side of the combine.

PERFECT GROUND HUGGING
All Case IH headers feature Terrain Tracker as standard equipment. Designed to keep the header parallel to the ground and automatically hug the contours, it ensures a uniform cutting height over the full header width.
THE HIGHEST GRAIN QUALITY

THE CLEANING SYSTEM
Axial-Flow® 230 series combines are designed to put large quantities of clean, undamaged grain in the tank – and fast. Once crops are ripe and ready, we know your priority is to get them off the field and into the grain store as quickly as possible. That is why we have made further enhancements to the cleaning system, particularly in the air flow and its capacity. This further evolution in the cleaning system drives up grain quality and cuts down on grain losses, giving you a greater performance and higher productivity.

- Self-leveling cleaning system levels up to 12% to increase capacity on hillsides
- Fully-adjustable pre-sieve means adaptability in all crops and conditions
- The Case IH Tri-sweep system efficiently processes returns from the cleaning system

The Cross Flow cleaning system that follows the separation process uses chevron-shaped fins to create a uniform vortex along its axis, generating high volumes of air throughput. Unlike conventional systems, no air pockets are formed and distribution is consistent across the underside of the sieves. In addition, fan speed is fully adjustable to cater for finer-seeded crops and because we never stop in our quest for quality and efficiency, we have further improved the fan outlet ducts so that the air flows across the sieves more effectively, raising the quality of chaff separation. The result is higher cleaning capacity, with sieves adjustable from the seat. Each sieve operates at an ideal stroke length and the opposing motions of the sieves cancel each other out, resulting in a smoothly operating cleaning shoe. Short straw is virtually eliminated, resulting in a cleaner grain tank sample.

MASSIVE CAPACITY THROUGH EFFICIENT GRAIN EVACUATION
No volume is too high for the Axial-Flow® 230 series as we have enhanced the transport from the cleaning system to the grain tank, ensuring that grain always moves freely in all conditions, wet or dry. We raised the Axial-Flow® 230 series’ capacity and reliability with higher crop throughputs by improving the clean grain elevator. The redesigned grain tank bubbler ensures a more efficient crop flow, improving the feeding of the auger. The result; massive transport capacity and quality grain in all crop conditions - just what you need to harvest your crop quickly and efficiently knowing you can count on the best grain sample.
MORE IN THE TANK

MORE IN THE BANK

GRAIN TANK
There’s only one way to describe the grain tanks on the latest Axial-Flow® combines – cavernous. These tanks are more than capable of handling the high quantities of grain that 230 series Axial-Flow® machines can quickly produce.

CASE IH AXIAL-FLOW® COMBINES FEATURE SOME OF THE LARGEST GRAIN TANKS ON THE MARKET:

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
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<tbody>
<tr>
<td>7230</td>
<td>11,100l</td>
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<tr>
<td>8230, 9230</td>
<td>12,330l</td>
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If you are opening up large fields and harvesting high-yielding crops, you’ll be surprised how much flexibility Axial-Flow® grain tanks give you. They’re big enough to aid harvest management and prevent unproductive travelling to field ends for stationary unloading.

HIGHER CAPACITY
Axial-Flow® 230 series combines feature hydraulically folded grain tank extensions. The fold-out lids allow for high-volume filling without spillage. They are folded from the cab for easier transport or weather-proofing.

EASY ACCESS
When it’s necessary to enter the grain tank for servicing, maintenance or cleaning, Case IH engineers have made the task safer and simpler. It’s now much easier to gain full access when necessary.
WATCH YOUR CASH FLOW HIGH SPEED UNLOADING

With a 113l/s unloading rate, the 230 combine range is fitted with an unloading system of sufficient speed to empty the grain tank within two minutes. Optional 141l/s or 159l/s (9230 only) discharge systems reduce unloading times on the move or on the headland in high-yielding crops, boosting both combine and grain haulage productivity.

QUICK, GENTLE AND EFFICIENT ‘HIGH CAPACITY’ UNLOADING SYSTEM

- Larger vertical and horizontal unloading augers
- A standard dual drive control on the 9230 (optional on 7230 and 8230 models) provides the ability to turn off the grain tank cross augers and completely empty the unloading auger. The result is reduced weight in the unloading auger, and less strain on components when unloading begins
- The new auger swing cylinder has been designed to handle the larger and longer unloading auger
- The unloading auger is available in a several lengths to suit all requirements, including a 12m controlled traffic system which is gaining popularity in Europe

The 8.8m unloader tube is available as a foldable version for easier transport on the road and for easier manoeuvring in sheds for storage.

The pivot spout option is operated with the multi-function handle and directs the grain stream into the grain cart, filling it without spillage to maximum level.

Standard unloading system at 113l/s suited for grain and corn headers up to 12.4m width
High capacity unloading system at 141l/s for 7230 or 159l/s for 8230 and 9230 combines for grain and corn headers up to 12.4m width
A FINE CHOP AND SPREAD, A PERFECT SWATH

THE START OF THE NEXT SEASON
Whatever your crop establishment regime, a combine that has left behind nothing but evenly-distributed and finely-chopped straw on well-cut stubbles is a good start for the next process, whether that's ploughing, minimum tillage or direct drilling. That's what you get with the latest Case IH straw choppers. If you choose to bale your straw though, you'll also find that there's little left behind afterwards, with Axial-Flow® combines producing neat, easy-to-bale swaths.

CHOPPING
In chopping mode, the unique 120 blade chopper cuts the straw for fast decomposition before the next planting season. With the new in-cab changeover option, changing from chop to spread is easily done from the cab: you just open the headland chopping and spreading then change to windrowing mode. The change takes just a minute so you don’t waste any harvesting time.

SPREADING
The residue can be spread over the full width of the header, either symmetrically behind the combine or away from the edge of the crop, yet covering the whole area. With the option to adjust the spreader electrically from the cab, the spreading pattern can be adjusted ideally for all wind conditions – this keeps the spread even across the field for fast decomposition, soil erosion control and trouble-free tillage operations.

WINDROWING
The straw can be windrowed with or without the chaff, depending on the future use of the residue according to the preference of the farm or contract customer. The windrow is shaped on the stubble by an adjustable chute.

DISTRIBUTION
A unique Axial-Flow® plus point is the ability to be able to spread out unchopped straw during harvest if it is required for baling but is not fully dry. This reduces drying time, with the straw simply rowed up for baling.
NO SHORTAGE OF POWER

ENGINE
New generation Case IH combines use the latest Euro 3B (interim Tier 4A) emissions-compliant engines, but being cleaner doesn’t mean being down on power or thirsty on fuel. In addition to removing nitrous oxides and particulates from exhaust gases without recycling them, the selective catalytic reduction (SCR) and AdBlue technology used in these engines actually cuts the total fuel/Adblue cost by up to 10% compared to the previous combines, depending on model.

POWERFUL ENGINE, LOW FUEL CONSUMPTION
Featuring electronic fuel injection, these engines deliver power when you need it so you can harvest and unload at the same time. In addition to its remarkably low fuel consumption, the engine is both quiet and environmentally sound. The 950 litre fuel tank holds more than enough for a full day in the field.

POWER THAT MEETS YOUR EXPECTATIONS
The Tier 4A FPT Industrial engine line used in the new 230 series Axial-Flow® combines is a reliable, proven performer. These engines are designed for optimum fuel efficiency and to produce the power needed to respond quickly to changing conditions in the field.
LESS COMPLEXITY, MORE TIME IN THE FIELD

**DRIVES**
The drives for the whole combine are powered from a central gearbox mounted directly to the engine for maximum efficiency. Indeed, Axial-Flow® is unique in that all the principal power transmission is achieved without use of belts, avoiding the problems associated with slip, wear, maintenance and replacement.

**FOUR-RANGE HYDRO TRANSMISSION**
Hydrostatic transmission offers infinite control of ground speed through a direct coupling from the engine to the hydrostatic pump for instant drive. Four speed ranges from the transmission allow you to select the right speed for the crop and field conditions.

**POWER PLUS CVT**
With its unique variable speed technology, the Power Plus™ rotor drive offers the best possible efficiency, with low maintenance requirements:
- infinite rotor speed variable on the go
- rotor can be reversed in the event of a blockage
- designed to handle all rotor loads reliably, without slip

**INDUSTRY-LEADING DRIVE TECHNOLOGY**
Compared with other combines the Axial-Flow® 230 series uses fewer belts, resulting in improved power transfer and reliability.

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**Industry-leading drive technology**

- CVT Drive for header (optional): Eliminates belts and chains for high-efficiency power transfer to wide headers. Auto header to ground speed co-ordination allows header speed to be matched optimally to combine forward speed. As the combine speeds up or slows down, header speed is automatically adjusted to the travel speed
- Power plus CVT drive to rotor with a four-speed rotor gearbox ensures the most efficient power transfer from the engine
- Rotor unblocking feature allows the operator to reverse the rotor from the cab and use the full capacity of the machine without the fear of having to manually unblock the rotor or replace a belt
FLOATING OVER YOUR FIELDS ENSURE THE PROTECTION OF YOUR SOIL

We understand that your most valuable resource is your soil so we know how important it is to ensure that capacity shouldn’t come at the cost of compaction. Case IH has a justified reputation as the specialist in tracked drive systems for high-output machinery, with the Case IH Quadtrac having established itself firmly as the leader among high-hp tractors for traction, flotation and a narrow transport width. That same drive system is now available for the front axle of Case IH Axial-Flow® 7230/8230/9230 series machines, bringing all of those benefits to the combine market. For hilly areas and wet conditions there’s a two-speed powered rear axle option on Axial-Flow® 230 series, while downtime between fields can be cut with the machines’ 30kph road speed option.

ENVIRONMENTAL CARE. GROUND CARE
Case IH offers various options for those looking to prevent soil compaction, including wide tyres and front drive track units. Case IH tracked drive systems provide greater tractive effort when compared with wheeled drive systems in muddy and soft soil conditions. Tracked combines are fitted with variable speed motors to enhance traction and gradeability, allowing higher field efficiency. Two track versions are available with 61cm or 76cm belt widths and the narrower units overall combine width is just 3.49m.

4WD
A powered steering axle is available for operating in muddy soil conditions or hilly terrain.

TRACK OPTION FEATURES & BENEFITS:
- Considerable reduction in ground pressure per cm²
- Reduced soil damage
- Increased tractive effort
- Ability to harvest even in soft ground conditions, where wheeled combines may be prevented from working
- Narrow transport width of just 3.49m on 61cm tracks
- Less transport legislation limits

GROUND PRESSURE COMPARISON

Case IH track systems have been proven worldwide on Quadtrac tractors.
THE NEW CAB
Maximising productivity requires the best combine and an operator who can work in an ideal environment, protected from all the elements that reduce his concentration and wear him out. Today’s combines must work long hours for most of the year. A combine cab offering a relaxed work environment is absolutely necessary. That’s why our engineers have created one of the quietest, most spacious and most comfortable cabs on the market, designed for long and profitable working days. New rubber cab mounts reduce vibration even more. The instrument console is integrated into the armrest of the seat for easy reach by the operator. The Luxury version, with electrical adjustable mirrors, increased storage space, semi-active seat option and an actively cooled coolerbox.

QUIET, CALM, COMFORTABLE
A Case IH operator deserves a comfortable, user friendly environment. Climb the easy-access, foldable steps to the spacious deck and behind the cab door you’ll find ample space and storage, with comfort enhanced by thoughtful details such as an air suspended operator seat, low noise levels and an unrestricted view.

NO LIMITATION ON YOUR WORKING DAY
Farming operations require that their crops are removed from the fields even faster and they harvest late into the night, requiring ample illumination. Stadium lights are fitted to the roof to completely floodlight the work area. Lights in the grain tank, on the unloading auger and at the rear of the combine ensure all critical areas are fully illuminated. A high intensity discharge (HID) lighting package is also available.
THE CONTROLS
The Axial-Flow® is as simple and comfortable as possible to operate. The number of functions that can be controlled through the joystick has increased and there’s a new right-hand console-mounted display which makes monitoring key combine functions much easier.
The AFS Pro 700 monitor includes video capability and is telematics ready. Case IH engineers have thought through every little detail on how the operator interacts with the machine to ensure Axial-Flow® 230 series combines are intuitive in operation, allowing operators to quickly get the best out of them.
For full control the most commonly used commands are arranged in the best ergonomic position, allowing easy management of all header functions and operation of the unloading auger. In addition an emergency stop button is included to halt the elevator, cutterbar and header auger.
All major controls are integrated into the right hand console and the multifunction control lever. A new ‘select control switch’ on the lever allows quick header reversing and resumption of cutting.
The AFS Pro 700 groups all combine, yield monitoring and auto guidance control and information in one unit.

THE FEED RATE CONTROL
Feed rate control enables you to ensure your combine is always operating at maximum capacity by selecting, at the touch of a button, between two modes; Engine Power Mode or Engine Power Plus Loss Control.
Engine Power Mode maximises engine efficiency, with a resulting reduction in fuel consumption, by optimising efficiency of parameters such as actual feed rate, engine load, rpm and speed.
Engine Power Plus Loss Control minimises losses by controlling forward ground speed based on the engine power loop parameters plus feedback from the rotor and cleaning system loss sensors.
Case IH Advanced Farming Systems (AFS™) have been at the forefront of precision farming for more than a decade, giving farmers the ability to control the entire crop production cycle. Case IH AFS™ tools include everything you need to achieve repeatable accuracy down to 2.5cm, reduce overlaps and cut input costs – and maximise your yield potential.

ADVANCED COMBINE CONTROL
If it’s an interactive combine set-up and control you then need to look no further than at the AFS Pro 700 touch-screen which is fitted standard in your 230 series Axial-Flow®: monitor yield, fuel usage and work rates, connect external cameras and keep harvest records. The AFS Pro 700 touch-screen is interactive, fully customisable and portable within your Case IH fleet.

COMBINE GUIDANCE SOLUTIONS:
- **AFS AccuGuide**: GPS based guidance for ultimate precision independent of crop conditions. Accuracy levels down to 2.5cm available.
- **AFS xfill**: keeps the machine running in case of RTK signal outage, maintaining relatively high degree of precision.
- **AFS Cruise Cut**: Optical guidance system, ideal if two or more combines are running in the same field.
- **AFS Cruise Cut Row Guide**: Mechanical row sensors combined with GPS guide the combine exactly through corn rows, whether straight or curved.

AFS™ FARM MANAGEMENT SOFTWARE
Many variables apply in farming; it is important to understand what is happening and why. It’s time to manage your farming operation on a new level by making decisions based on facts. With the AFS™ Farm Management software package from Case IH you can see field by field the tasks performed, the work rates achieved, the fuel used during each task and, most importantly, your yield. Plan for the future today.

AFS™ CONNECT™ TELEMATICS
The Case IH AFS Connect™ telematics system allows you to monitor and manage your Axial-Flow® from the farm office, tracking it in real time on the farm computer to observe how it is performing, as well as allowing remote diagnostics and driver communication through the use of precision GPS signals and wireless data networks. Analysing the data it provides helps to improve logistics, minimise fuel consumption and maximise performance.
INTERACTIVE INTEGRATED INTUITIVE

ADVANCED COMBINE CONTROL
The screen arrangement of the AFS Pro 700 touch-screen monitor is logically configured. The left side provides full information on all important operating data while to the right different ‘templates’ can be called up, such as those that display current combine settings or yield monitoring and guidance data. One template is reserved to display the status of the combine sensors and the operator can configure his own templates to suit his specific information requirements. The AFS Pro 700 touchscreen also displays video pictures taken from mounted cameras.

KEY FEATURES INCLUDE:
- **Performance monitoring** of fuel usage, engine load, yield, moisture and work rates, either live and specific to the job or as daily averages
- **Record keeping** under the Grower Farm Field structure. All data can be stored onto USB stick for analysis in the farm office
- **Vehicle set-up** such as Automatic Crop Settings (ACS), header adjustment and other important combine parameters
- **AFS AccuGuide Guidance** Set up a new AB line and start hands-free harvesting! AFS AccuGuide is fully controlled via the AFS Pro 700 touch-screen monitor, easily engaged via a dedicated button on the propulsion lever and ensures that your Axial-Flow® is utilising its full header width and runs at 100% capacity
- **Video input** from up to 3 video cameras to watch hidden areas behind the machine or see into the trailer from a camera mounted to the unloading auger

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<th>Axial-Flow® 7230, 8230, 9230</th>
<th>AFS Pro 700</th>
<th>Performance monitor</th>
<th>Vehicle control</th>
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<th>Accuguide</th>
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Ideal for contractors, on combines equipped with yield monitoring a job printer allows performance and area data to be printed and handed over to the customer at the end of each job.
AFS ACCUGUIDE GPS-CONTROLLED AUTO-STEERING
Reap the benefits of a very capable single screen solution. Performance monitor, vehicle set-up, record keeping, mapping, video and AFS AccuGuide are all in one place on the AFS Pro 700 touch screen monitor and 100% part of your operating environment.

FAR MORE THAN JUST A SAVING ON FUEL – THE AFS ACCUGUIDE EFFECT:
- Optimized machine usage
- Improved comfort by reducing operator demands
- Savings on labour costs
- Reduces time spent in the field
- Reduces skips and overlaps – improves efficiency
- Improved performance in poor visibility conditions without compromise
- Make your fields the envy of others!

CRUISE CUT – LASER GUIDANCE
Cruise Cut is a laser eye detection system that ensures the combine follows the difference between uncut crop and stubble. It’s the ideal guidance solution where multiple combines are operating in the same field, particularly if they have different header widths. By comparing the height between uncut crop and stubble, the Cruise Cut system takes control and steers the combine to fill the header on every pass. The operator can set the laser scanner to detect crop edge on either the left or right hand side of the header by adjustment from within the cab. Because the Cruise Cut system is fitted to the combine itself, it remains independent of whichever header is fitted.

MECHANICAL ROW GUIDANCE
A simple mechanical system ensures the combine follows the rows in maize crops. It takes the stress out of harvesting at high forward speeds and when using wide headers, reducing operator fatigue and boosting productivity to exploit the combine’s full performance capabilities.
AFS Connect Manager offers fleet management capabilities, machine location tracking and a working status overview. Alerts and security features to guard against theft or misuse include geo-fencing to ensure a machine stays within certain boundaries and curfew management to send an alert if a machine is started after working hours.

The telematics data provided by AFS Connect™ is transferred to the farm computer in real time. That means managers can provide instant advice and directions should they decide that operating adjustments are necessary. Telemetry allows management decisions to be made with a greater degree of accuracy and judgement for improved efficiency. AFS Connect™ makes it possible to see where machines have worked and for how long, thus allowing plans to be made for their next move. Knowing exactly where your tractor or combine is – in which field and in which part of that field – allows you to guide trailers or fuel supplies to the machine in the field, keeping wasted time to an absolute minimum and keeping man and machine efficiency at their maximum. With AFS Connect Manager it’s possible to be alerted when your machine leaves a designated area. Not only does this have security benefits, but it also ensures owners can ensure operators, particularly if they are inexperienced or new to the farm, stick to preferred routes and instructed areas.

<table>
<thead>
<tr>
<th>Feature</th>
<th>AFS Connect Manager</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fleet management</td>
<td>•</td>
</tr>
<tr>
<td>Machine position</td>
<td>•</td>
</tr>
<tr>
<td>Machine hours</td>
<td>•</td>
</tr>
<tr>
<td>Geo-fencing alarms</td>
<td>•</td>
</tr>
<tr>
<td>Curfew alarms</td>
<td>•</td>
</tr>
<tr>
<td>Engine Data</td>
<td>•</td>
</tr>
</tbody>
</table>
DON’T LOSE PRECIOUS TIME ON DAILY CHECKS AND MAINTENANCE

KEEP DRIVING!
Daily checks and cleaning have been made easier with the new swing-out radiator package, while the air filter is conveniently located for quick inspection.

MINIMUM DOWNTIME, MINIMUM SERVICE COSTS
When there’s a full day’s harvest ahead of you, the last thing you want is a machine that’s time-consuming to service. Daily checks and regular maintenance are simple when you run an Axial-Flow®.

MAXIMUM UPTIME, MAXIMUM PRODUCTIVITY
Keeping you working and reducing maintenance and costly downtime is one of the strengths behind every Case IH Axial-Flow® we build. Combined with a design that features fewer moving parts than competitive machines, the result is operating costs that are among the lowest around.

SERVICING MADE SIMPLE
With a design that’s centred around fewer moving parts than on any other combine, you can get going while others are still in the yard. Daily service points are simple to access via easy-to-raise side panels and the trademark Axial-Flow® spacious rear engine deck.

CLEVER DETAILS
An optional on-board air line means there’s no need for a separate compressor for cleaning down the machine. Once you’re done for the day, thoughtful touches include a new, larger toolbox to secure away valuable items and an optional hand wash station.

EASY ACCESS TO CONCAVES AND ROTOR
Cleaning or changing the concaves has been made far simpler.

SPACIOUS ENGINE / COOLING SYSTEM DECK
Sturdy ladder provides easy access to deck from rear of combine.
THERE’S MORE THAN JUST OUR COMBINES WORKING IN YOUR FIELDS

SYSTEM SOLUTIONS
When you buy a Case IH machine, you can be sure not only that you’re buying the best product, but also that you’ve got the best dealer back-up behind you. Case IH dealers can offer advice on selecting and financing the right machine, will ensure they deliver what you need when you need it, and will then continue to back you and your equipment with the service and spare parts supply you’d expect from a name as trusted as Case IH.

ALL THE PARTS AND SERVICE TO KEEP YOUR EQUIPMENT RUNNING
Find the full line of Case IH parts and components at your local dealer. Plus full service maintenance programmes and industry-leading warranties. It’s expertise applied by skilled, factory-trained service professionals committed to providing you maximum uptime, season after season.

AROUND THE CLOCK, AROUND THE COUNTRY
Case IH Max Service is a customer support service that provides 24-hour, seven-day-a-week access to the people, products and parts support needed to keep your operation running during the times most critical to your profitability. Max Service backs up your dealer with every resource available to Case IH, to help maximise uptime and productivity of Case IH equipment and increase your return on investment through access to product experts and 24/7 emergency breakdown assistance.

OFFERING FINANCING SOLUTIONS FOR MORE THAN 50 YEARS
CNH Industrial Capital’s extensive experience in the agricultural industry has created a deep understanding of your unique needs. Competitive equipment financing with flexible payments can reduce upfront payments with operating and finance leases. For other needs choose from credit cards specific to the agricultural industry. We can even help you finance crop-input products or land rental. There are financing options that fit the way you farm. CNH Industrial Capital helps you find them.

VISIT OUR FANSHOP AT WWW.CASEIH.COM
<table>
<thead>
<tr>
<th>MODELS</th>
<th>Axial-Flow® 7230</th>
<th>Axial-Flow® 8230</th>
<th>Axial-Flow® 9230</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HEADERS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grain header cutting widths (m)</td>
<td>6.1 / 7.6 / 9.2</td>
<td>7.6 / 9.2 / 10.7 / 12.4</td>
<td>7.6 / 9.2 / 10.7 / 12.4</td>
</tr>
<tr>
<td>Knife to auger distance – 3050 VariCut®</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corn header model 4406 / 4408 / 4412</td>
<td>6 and 8 row corn headers</td>
<td>6, 8 and 12 row corn headers</td>
<td></td>
</tr>
<tr>
<td><strong>THRESHING / SEPARATING</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rotor drive type</td>
<td>Gearbox and Shaft - variable speed Power Plus Drive</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rotor speed range (rpm)</td>
<td>220 - 1,180 (3 ranges)</td>
<td>220 - 1,180 (3 ranges)</td>
<td>220 - 1,180 (3 ranges)</td>
</tr>
<tr>
<td>Rotor diameter and length (mm)</td>
<td>762 / 2,638</td>
<td>762 / 2,638</td>
<td>762 / 2,638</td>
</tr>
<tr>
<td>Total separation area (m²)</td>
<td>2.98</td>
<td>2.98</td>
<td>2.98</td>
</tr>
<tr>
<td>Threshing / separating modules wrap angle (°)</td>
<td>180</td>
<td>180</td>
<td>180</td>
</tr>
<tr>
<td>Number of threshing / separating modules</td>
<td>2 / 2</td>
<td>2 / 2</td>
<td>2 / 2</td>
</tr>
<tr>
<td><strong>SELF LEVELLING CLEANING SYSTEM</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 steps cleaning system</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cascade sieve</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cleaning shoe width (mm)</td>
<td>1,580</td>
<td>1,580</td>
<td>1,580</td>
</tr>
<tr>
<td>Levelling capability %</td>
<td>12.1</td>
<td>12.1</td>
<td>12.1</td>
</tr>
<tr>
<td>Total sieve area under wind control (m²)</td>
<td>6.5</td>
<td>6.5</td>
<td>6.5</td>
</tr>
<tr>
<td><strong>CLEANING FAN</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fan speed range (rpm)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RETURN SYSTEM</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tailings return type</td>
<td>Triple impeller tailings processor</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>GRAIN TANK / UNLOADING</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>In-cab control of grain tank covers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grain tank capacity (l)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unloading rate standard/high capacity (l/s)</td>
<td>11 / 12.30</td>
<td>11 / 12.30</td>
<td>11 / 12.30</td>
</tr>
<tr>
<td>Unloading auger effective length standard/high capacity (m)</td>
<td>6, 7 or 8 / High Capacity Options 7, 2 or 8.8 for all combine models</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>STRAW CHOPPER &amp; SPREADER</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Straw chopper / beater type</td>
<td>Integral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rotor type – fine cut / extra fine cut</td>
<td>Fixed knife</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of knives – extra fine cut</td>
<td>120</td>
<td>120</td>
<td>120</td>
</tr>
<tr>
<td>Spreader type</td>
<td>Vertical, twin disc hydraulically driven, in cab speed adjustable</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ENGINE</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type / Capacity (cm³)</td>
<td>Turbocharged, intercooled / 8,700</td>
<td>Turbocharged, intercooled / 12,900</td>
<td>Turbocharged, intercooled / 12,900</td>
</tr>
<tr>
<td>Max. power ECE R212 ¹) at 2,000rpm (kW/hp/cv)</td>
<td>330 / 449</td>
<td>380 / 516</td>
<td>420 / 571</td>
</tr>
<tr>
<td>Fuel tank, diesel/urea (l)</td>
<td>1,000 / 166</td>
<td>1,000 / 166</td>
<td>1,000 / 166</td>
</tr>
<tr>
<td><strong>TRACTION</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transmission</td>
<td>4 speed hydrostatic</td>
<td>4 speed hydrostatic</td>
<td>4 speed hydrostatic</td>
</tr>
<tr>
<td>Final drive type</td>
<td>Heavy Duty - ratio 11/11</td>
<td>Planetary - ratio 1/13</td>
<td>Planetary - ratio 1/13</td>
</tr>
<tr>
<td>Differential lock / Heavy Duty Adjustable steering axle</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>OPERATOR CAB</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Luxury cab (Comfort cab, plus: Elec.mirrors, sunshades, leather steering wheel, removable cool box, added storage space, semi-active leather seat option, added trim)</td>
<td></td>
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</tr>
<tr>
<td><strong>ADVANCED FARMING SYSTEMS (AFS)</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Yield &amp; moisture monitoring / mapping</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guidance ready</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>OVERALL MACHINE SPECS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length – feeder to rear trim panel (mm)</td>
<td>7,551</td>
<td>7,951</td>
<td>7,951</td>
</tr>
<tr>
<td>Wheel base (mm)</td>
<td>3,765</td>
<td>3,765</td>
<td>3,765</td>
</tr>
<tr>
<td>Minimum height (transport) (mm)</td>
<td>3,98</td>
<td>3,98</td>
<td>3,98</td>
</tr>
<tr>
<td>Width with 710/70R42 tyres fitted – min (mm)</td>
<td>3,490</td>
<td>3,490</td>
<td>3,490</td>
</tr>
<tr>
<td>Approximate weight of basic machine (minimum fuel, -kg)</td>
<td>17,100</td>
<td>17,300</td>
<td>17,300</td>
</tr>
<tr>
<td><strong>TYRE AND TRACK OPTIONS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Front tyres</td>
<td>710/70R42 175/88 R1W / 800/70R38 181 A8 / VF650/70R38 CFO 184A8 R1W / 900/60R22 17G4 R1W / 9400/68R38 CFO 184A8 R1W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rear tyres</td>
<td>500/58R24 171A8 R4 / VF520/80R26 156A8 R1W / VF650/70R26 170A8 R1W / 600/70R28 161A8 R1W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tracks</td>
<td>610mm or 760mm track width, triangle system with rubber damping</td>
<td></td>
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</tr>
</tbody>
</table>

¹) FPT Industrial-engine ²) ECE R-120 correspond to ISO TR14396 ³) Standard ⁴) Optional at extra cost

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**Safety never hurts! Always read the Operator’s Manual before working with any equipment.** Inspec equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided. This literature has been published for worldwide circulation. The standard and optional equipment and the availability of individual models may vary from one country to the next. Case IH reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without resulting in any obligation whatsoever to make such modifications to units already sold. Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment. Case IH recommends ACEA lubricants.

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