

# 10 AXIAL-FLOW® GOOD REASONS



**CASE IH**  
AGRICULTURE  
FOR THOSE WHO DEMAND MORE

THE NEW AXIAL-FLOW® 250. SIMPLY ADVANCED

# 10

GOOD REASONS

## WORK WITH EASE

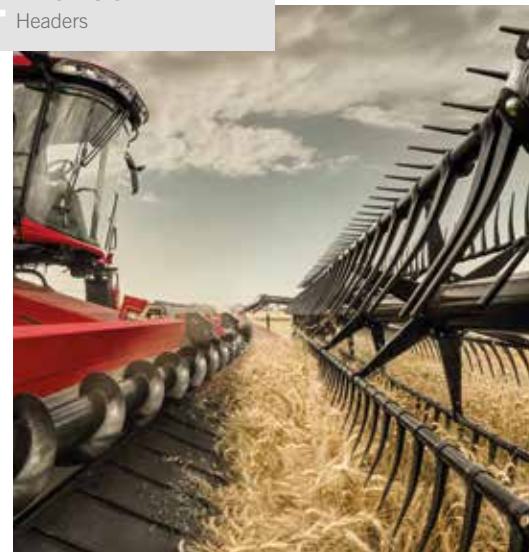
in any conditions



**1 CAPACITY**  
The Grain Tank



**3 INNOVATION**  
AFS Harvest Command™



**4 PRODUCTIVITY**  
Headers



**2 VERSATILITY**  
Small tube rotor technology



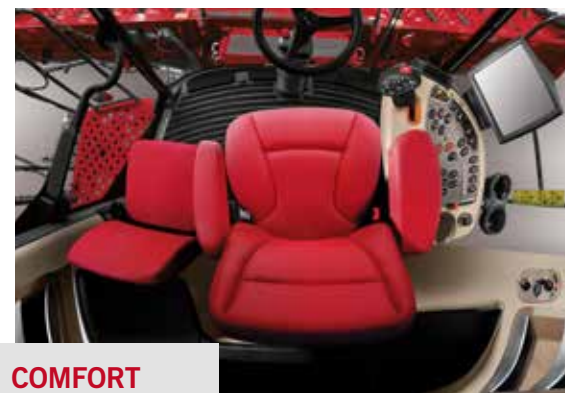
**5 GRAIN QUALITY**  
Cleaning system



**7 PRECISION**  
Precision Farming



**8 EFFICIENCY**  
Residue Management



**6 COMFORT**  
The Cab



**10 PEACE OF MIND**  
Service Team



**9 PERFORMANCE**  
Engine, transmission & tracks

## PRODUCTIVITY STARTS HERE.

Designed to tackle the challenges and constraints under which modern farm businesses must work, the new Case IH 250 Series Axial-Flow® combines are engineered with innovation to meet the demands of larger farms and fields, and the requirement for high grain quality.



## GRAIN FLOW IS CASH FLOW!

The unloading rate of up to 159 litres per second (8250/9250) not only increases the efficiency of the Axial-Flow® combine harvester, but also the entire process of carrying the grain from the field. Separate drives for the cross augers in the grain tank and the vertical unloading auger guarantee that the unloader tube is fully emptied.

## BENEFITS

- **Minimum time-wasting** unloading stops thanks to the large grain tank capacity of up to 14,400 l.
- **Valuable crop** dry and sellable with water-tight sealing of the grain tank option.
- **Safe and easy-to-access** grain tank for cleaning and maintenance.
- **Benefit from Controlled Traffic Farming:** Farming xtra-long, foldable unloading auger for direct unloading into transfer vehicles driving on the permanent 12 m track.

### GRAIN TANK CAPACITY:

<b>7250</b>	11,100 l (14,400 l optional)
<b>8250 / 9250</b>	14,440 l

### UNLOADING RATE

<b>113 l/sec</b> (standard)
<b>141 l/sec on 7250, 159 l/sec on 8250/9250</b> (optional)

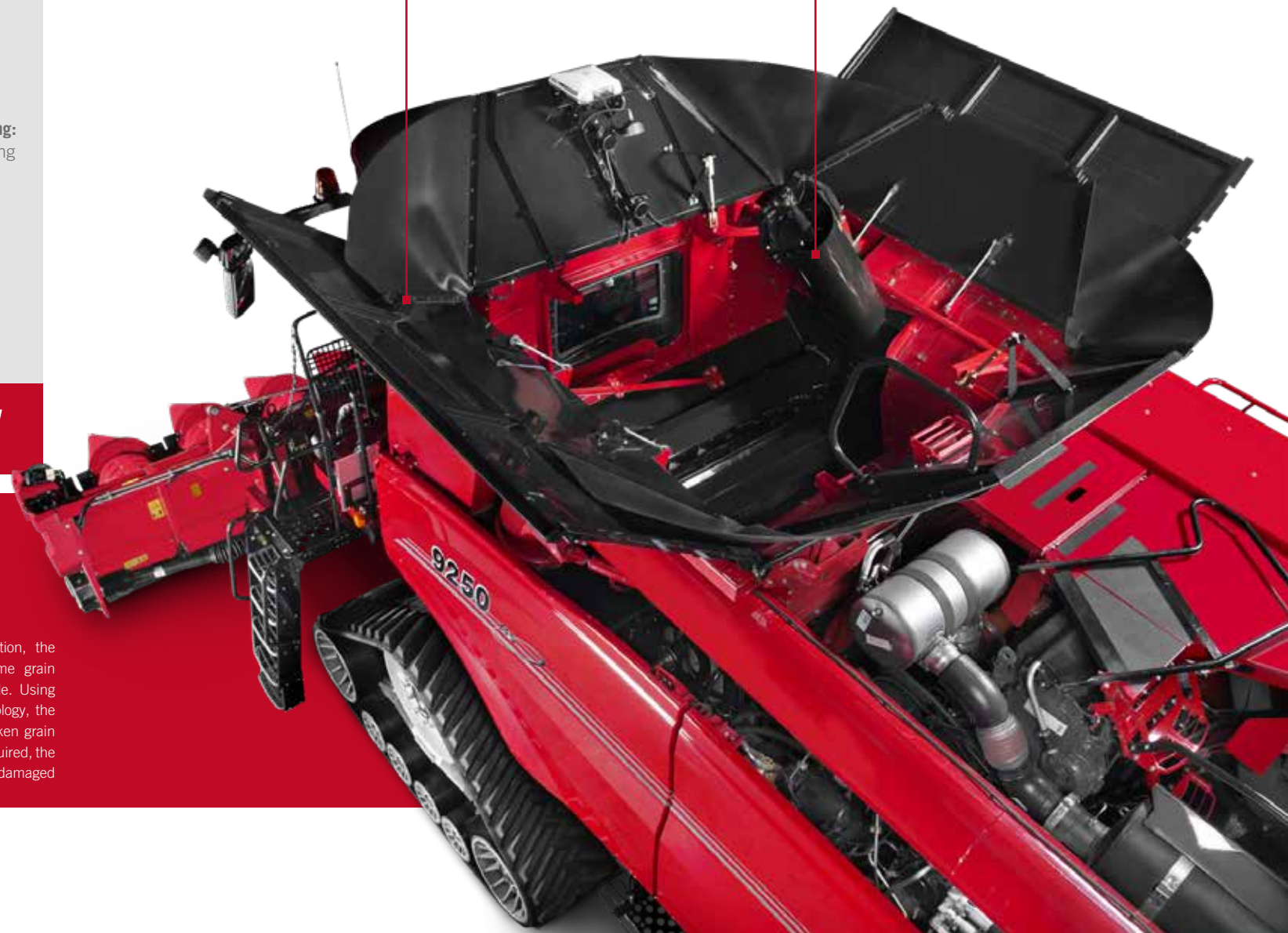
NEW

## CLEAN GRAIN IN THE LARGE GRAIN TANK

Feel proud of your harvest

### GRAIN CAMERA

With the new AFS Harvest Command™ option, the patented grain camera evaluates in real time grain quality and foreign matter in the grain sample. Using visible and invisible multi-spectral light technology, the camera instantly assessed and addressed broken grain content but also material other than grain. If required, the combine adjusts itself to provide a clean, an undamaged sample to the grain tank.



## EFFECTIVE ROTOR DESIGN

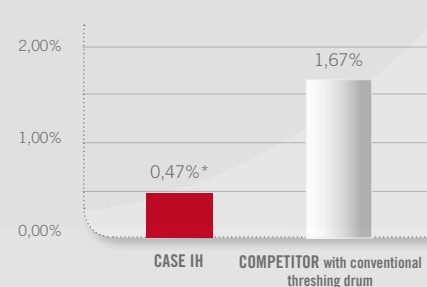
The Axial-Flow® small tube rotor, developed specifically for changing harvest conditions, exerts high centrifugal forces, which carry the grain through the concave gaps without damaging it. Less broken grain means reduced buyer penalties and improved germination if grown for seed, making the single rotor concept the undisputed market leader when it comes to careful threshing.



## BENEFITS

- Gentle but thorough threshing **protects crop quality bonuses.**
- One rotor threshes and separates – **fewer moving parts to worry about.**
- Top quality grain – unbruised and undamaged – **strengthens your bargaining power when selling.**
- On-the-go rotor cage adjustment: **increased daily performance and revenue.**
- Undamaged, clean grain **increases bargaining power in the market.**

AVERAGE CRACKED GRAIN CONTENT



\* Compared to Competition Hybrid combine in Bulgaria with a Axial-Flow 8240 beginning of July 2018.

## UNBEATABLE GRAIN QUALITY

Broken grain affects crop value.

The Axial-Flow® threshing concept is the undisputed leader when it comes to gentle threshing, and produces an unbeatable low proportion of broken grain.

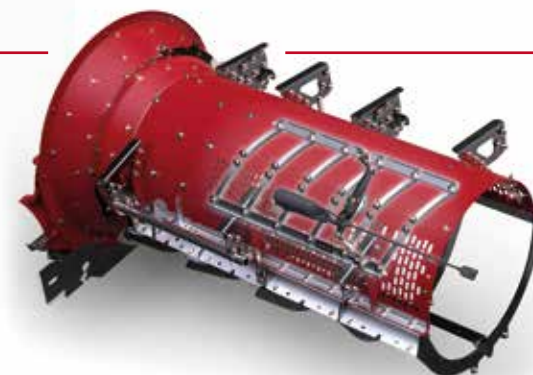
# 2.

## PROVEN ROTOR TECHNOLOGY

40 years of quality threshing

## NEW

Optional cage vanes adjustment - either with hand crank or electrically from the cab.



## ADJUSTABLE ROTOR CAGE VANES

On the additional AFS Harvest Command™ option, the cage vanes are also set in addition to the rotor speed to suit the prevailing threshing and separation conditions in real time, depending on the crop type and harvesting conditions.



# 3. NEW

AFS Harvest Command™



## A MASTERSTROKE

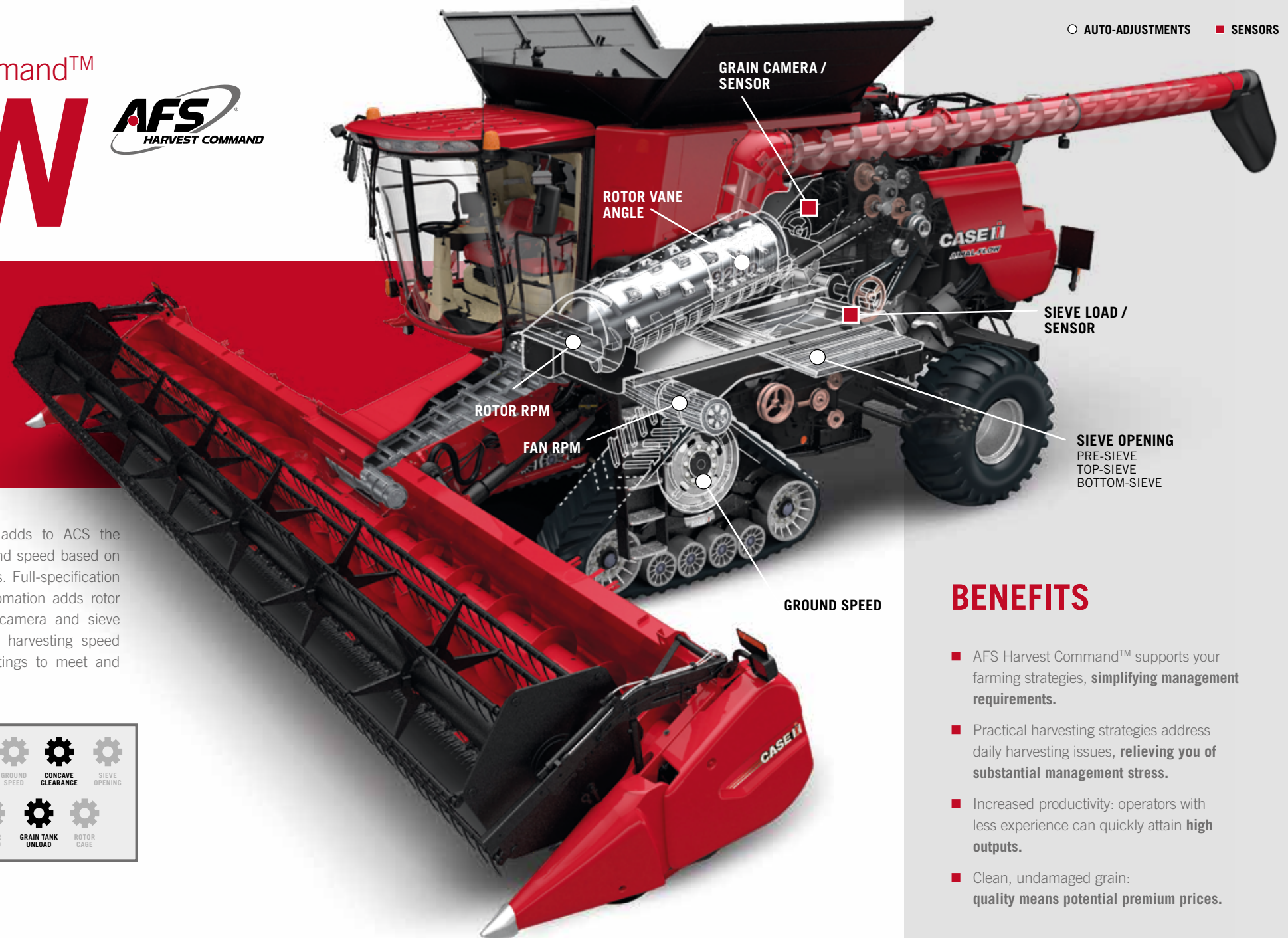
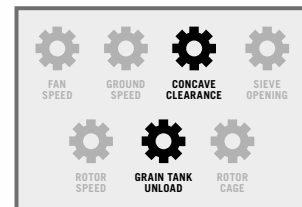
The fully automated combine harvester!

Our new AFS Harvest Command™ automation is designed to relieve the operator from refining combine settings to changing conditions, and allow the combine driver to focus on unloading and logistics. The standard and proven Automatic Crop Settings (ACS) system allows the key components such as fan speed and concave clearance to be set up for a certain crop at the press of a button.

The Feedrate Control option adds to ACS the benefits of controlling the ground speed based on crop load to pre-set parameters. Full-specification AFS Harvest Command™ automation adds rotor cage vane adjustment, grain camera and sieve pressure sensors to maximise harvesting speed by changing the combine settings to meet and maintain pre-set parameters.

### OPERATOR INPUTS REDUCED FROM SEVEN TO TWO

Equipped with AFS Harvest Command™, the Axial-Flow® 250 Series will automatically adjust the fan speed, ground speed, sieve opening, rotor speed and rotor cage vanes according to the desired outcome selected by the operator. That means only two manual operator inputs are then required: setting the concave clearance and operating the unloading auger.



## BENEFITS

- AFS Harvest Command™ supports your farming strategies, **simplifying management requirements.**
- Practical harvesting strategies address daily harvesting issues, **relieving you of substantial management stress.**
- Increased productivity: operators with less experience can quickly attain **high outputs.**
- Clean, undamaged grain: **quality means potential premium prices.**

NOT ONLY A HEADER. IT'S A CASE IH HEADER.

Decades of experience and constant development have made Case IH into probably the most successful header manufacturer in the world today. Yet Case IH doesn't rest on its laurels. We continue to invest in in-house research in order to develop more effective, reliable and capable headers for a multitude of different crops.



A SOLUTION FOR EVERY CROP

4.






BENEFITS

- Complement the capabilities of your combine.
- **Maximise output** potential.
- **Less setting-up** and more time spent harvesting.
- **Peace of mind** whatever the crop.

PRODUCTIVITY  
IN ALL CROPS  
Our Header Range

CUSTOMER DRIVEN

We work with our customers to make our harvesting products the best for each individual crop. This results in minimal losses, simple operation and excellent harvesting performance. A smooth, fast and efficient intake means high threshing and separation rates are guaranteed.

	3050 Grain header	All cereal crops (wheat, barley oats, plus canola/rapeseed)
	3100 Draper header	Cereals
	3020 Flex header	Soybeans and oilseed crops (low to the ground)
	4000 Corn header	Corn/maize
	3000 Pick up header	All windrowed crops (grass, clover, cereals and canola/rapeseed)

\* For more information, header brochure available on Case IH website: [www.caseih.com](http://www.caseih.com)



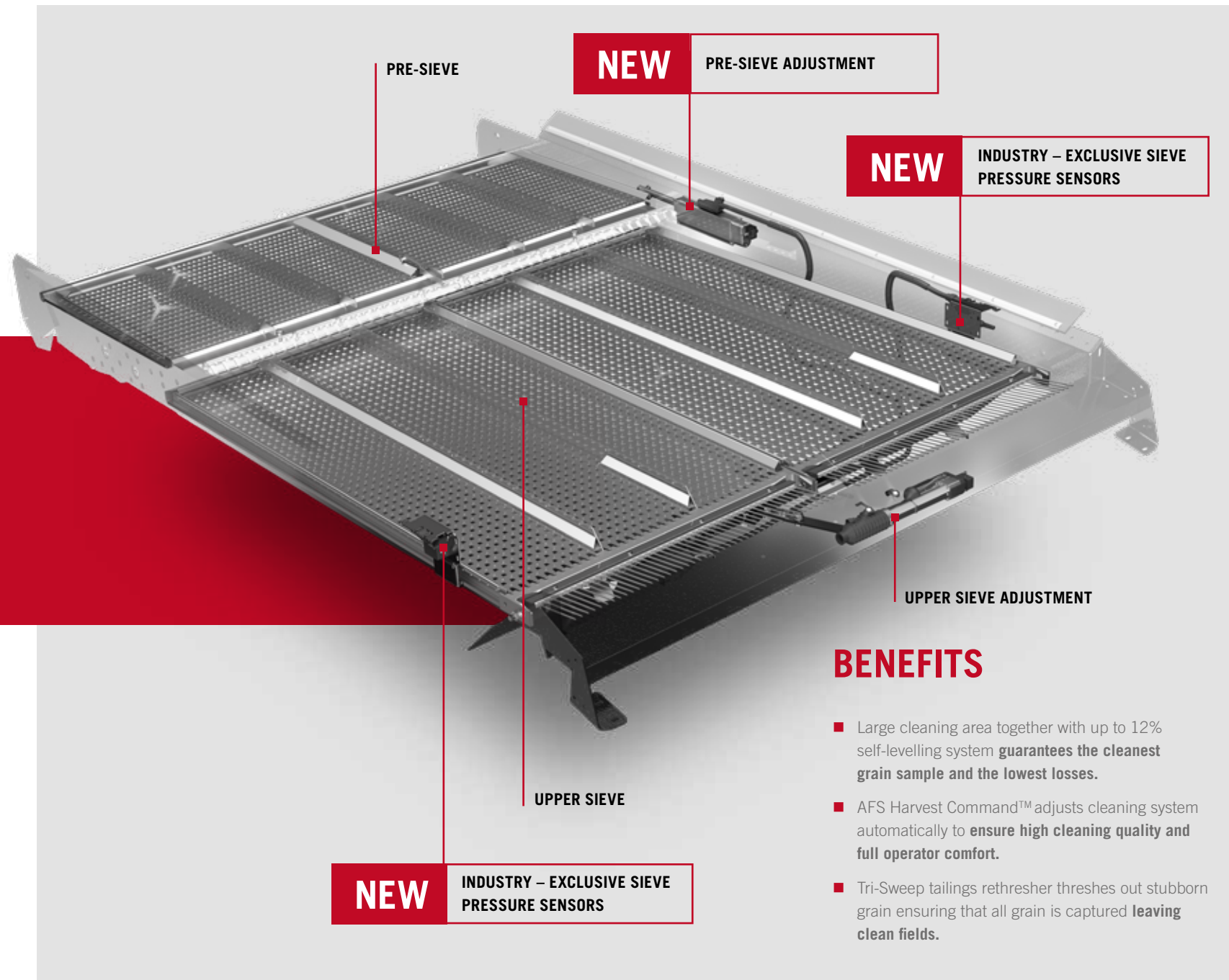
# 5.

## CLEANING POWER WITH CROSS FLOW!

The large cleaning system offers massive cleaning power under all harvesting conditions. With the AFS Harvest Command™ option, the cleaning fan speed is always set to minimise losses, regardless of whether the combine is going up or down hill. Coupled with the exceptionally large wind-controlled cleaning area of 6.5 m², this guarantees the ultimate in cleaning power with very high output.

## BE BLOWN AWAY BY HOW CLEAN GRAIN CAN BE

Now with unique AFS Harvest Command™ option



## BENEFITS

- Large cleaning area together with up to 12% self-levelling system **guarantees the cleanest grain sample and the lowest losses.**
- AFS Harvest Command™ adjusts cleaning system automatically to **ensure high cleaning quality and full operator comfort.**
- Tri-Sweep tailings rethresher threshes out stubborn grain ensuring that all grain is captured **leaving clean fields.**

## HOME OFFICE

The harvest is the reward for hard work throughout the year. Despite this, days spent harvesting can be long, uncomfortable and stressful. But they don't have to be – at least not for those operating Case IH Axial-Flow® 250 Series combines. That's because Case IH designers have spent appreciable time in creating an operator environment designed to make harvest days a pleasure.

## CHOICE OF COMFORT AND LUXURY CAB

In addition to the features of the Comfort version, the Luxury cab offers electrically adjustable, heated mirrors, even more storage space and an actively cooled cool box. Food and drinks will thus remain fresh and refreshing, adding to the feeling of comfort in this cab.

## QUIET, CALM, COMFORTABLE

Easy-access, sturdy steps lead to the spacious operator deck. Behind the cab door you will find ample space and storage, with excellent comfort, further enhanced by an ergonomic layout, air-suspended operator seat, low noise levels and unrestricted views.



# 6.

## A HARVEST HOME-FROM-HOME

Unsurpassed cab comfort

### CONTROL AT YOUR FINGERTIPS

The AFS Pro 700 touch-screen monitor is integrated into the right-hand console and displays all important data and settings. The logical layout of the controlling functions on the control handle and the right hand console allow quick and intuitive learning for new operators.



## BENEFITS

- Healthy, climatized work environment improves operator well-being and ability to concentrate during long working hours.
- Choice of lighting packages suitable for wide headers and to look all around for safe combine operation.
- Comfort and Luxury cab option: Both offer high standards; Luxury cab with more padding, storage capability, seat choice, cooler box and electric mirrors or even greater comfort.



## DATA AND COSTS UNDER CONTROL

Case IH is one of the leading agricultural manufacturers of precision farming technology, and offers a range of systems that not only boost efficiency but also minimise input costs. In this way our technology helps to maximise yield potential – and maximise margins.

# 7 BOOST YOUR BUSINESS

Precision Farming equals performance



## ALWAYS ON THE RIGHT TRACK

Case IH AFS™ stands for an extensive range of 100% transferable solutions and operator-oriented that help you farm and manage your fields more efficiently than ever before.

Take advantage of what is the most important advancement in modern agriculture since the start of mechanisation, and benefit from increased control, productivity, efficiency and precision.

Case IH AFS™ solutions are easy and intuitive to use, and integrate seamlessly with Axial-Flow® 250 Series combines for year-on-year repeatability.

## BENEFITS

- Straight tracks and windrows; comfortable for high speed baling.
- Reduced skips and overlaps improve field efficiency and guarantee an even spread of residue, improving soil health.
- High productivity even with poor visibility during night.
- Year-on-year repeatability driving on the same track resulting in minimal compacted field area.



## THE GROUND AT A GLANCE

The AFS Connect™ advanced farm management system gives you instant access to information for every machine in your fleet – including machine location, diagnostics, and fuel and engine statistics.

With AFS Connect™, track all your machines with fleet management, protect your investment and streamline maintenance and ensure maximum security with geo-fencing and curfew features.

Since the system can be serviced via mobile communication, there's no need to take your equipment to your dealer for diagnosis or support.

## BENEFITS

- Ability to immediately correct costly under-performance.
- Wireless transfer of data and information reducing time-wasting rendezvous for physical exchanges.
- Simplifying management of machine service issues – simplifies time management and harvest planning.
- Ability to gain remote expert advice on the machine, saving potential downtime.





CHOPPING SEASON

Harvesting marks the end of one season – and the beginning of the next. Regardless of type of arable management practised, the combine is the machine that connects both ends of the cropping year. Why? Because the spreading of chopped material forms the perfect basis for subsequent crop establishment, whether via full-, minimum- or no-tillage. And even stubble height and homogeneous spreading of chopped straw are important here. Four different operating modes are available: Normal chopping mode, long straw spreading, swath chopped straw and swathing (with or without chaff).



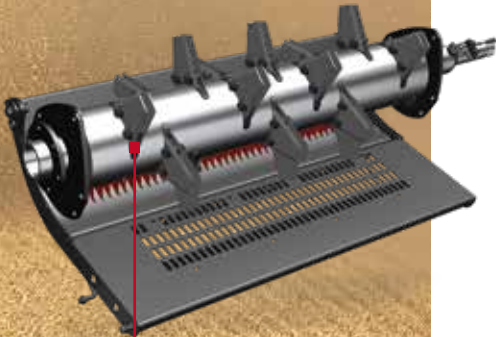
8.

RESIDUE MANAGEMENT  
AT ITS FINEST

The start of the next season



120 BLADE MAGNACUT CHOPPER



40 BLADE FINECUT CHOPPER



Spreading of long straw - quick drying when straw is wet, therefore allowing earlier straw baling after wet weather.

BENEFITS

- Unique integral chopper: the most versatile residue system on the market for effective chopping and windrowing in all crops.
- Four different straw-handling settings (chopping, long straw spreading, swath delivery of long or chopped straw) to match the requirements of subsequent processes.
- In-cab switching from chopping to swathing allowing quick changeover in the field.

INTEGRAL CHOPPER

Axial-Flow® 250 combines feature a unique integral chopper, sited just behind the rotor for chopping straw and conveying it to the spreader or swathformer. Hydraulically driven impellers in the spreader ensure a full spread out to the full 12.5 m width. There are two options for the integral chopper:

FINECUT CHOPPER

- 40 blades for consistent harvesting conditions or lighter straw conditions

MAGNACUT CHOPPER

- 120 blades for higher yielding straw conditions

- Straw can be windrowed with or without the chaff
- Unique design for fast straw decomposition
- Adjustment for cross-wind
- Ability to spread unchopped straw



# 9.

## ATTENTION TO EVEN THE SMALLEST DETAIL

Efficient power transmission

Our engines stand up to peak load requirements, yet use fuel sparingly. Obviously, this is only possible if the power transmission to the threshing elements and to the driveline are as efficient as possible. The famous Case IH shaft drives, and the new 250 Series ground drive, have ensured just that.

With lower operating costs and fewer moving parts to go wrong, we are confident you will discover more than 10 good reasons to choose a Case IH Axial-Flow® combine!

# 43%<sup>LESS</sup>\* GROUND PRESSURE

\* Compared to largest tyre in the offering IF900/60R38 and the narrowest track (620mm wide)



### NEW



#### GROUND DRIVE

Positive and reliable traction is guaranteed both in the field and on the road. The new two speed transmission with a matched hydrostatic system provides just that, whether on hills or at speed on the flat.



#### ADVANCED ROTOR DRIVE

The innovative continuously-variable Power Plus drive serves as the standard drive source for all rotors. Its 3-speed gearbox guarantees high torque even under difficult harvesting conditions.



#### TRACKS

Less damage through compaction and much lower diesel consumption. Those are the key benefits of optional front track drive units, converting all of the machine's tractive power into traction. That's a particular advantage in soft or wet ground and heavy soil. Fully-suspended tracks are a further option.



#### ENGINE

You can harvest and unload at the same time without changing speed, thanks to an electronically-controlled power boost, for whenever you need extra power. With the latest Hi-eSCR technology from Case IH, we comply with the strict Tier 4B emissions standard.



## BENEFITS

- Easy-to-access grain tank for safe cleaning and maintenance.
- Single rotor concept means less moving parts and best-in-class crop adaptability.
- Long service intervals and unhindered access to the engine underpin the maintenance-friendly concept.
- Simple servicing and daily checks means more time spent harvesting.
- Benefit from more productive time in the field.



Outstanding maintenance access with removing moulded white plastic covers.

# 10.

## EASY MAINTENANCE

Only a few minutes for daily servicing...



Keep Harvesting! 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

The Case IH commitment is to be there for owners when they need aftersales advice. That's why we have put together a comprehensive service package for our customers. We build on a strong local network in order to be there as quickly as possible in an emergency, and offer you a comprehensive customer service program.

### MAINTENANCE - FRIENDLY DESIGN

All inspection points are accessed from ground level, or a conveniently-placed step. The engine and grain tank are easy to get to via a foldable ladder that provides access to a large service deck. Light and easy-to-remove white plastic covers positively seal the large access holes to the combine threshing and cleaning elements.

### MAXIMUM OPERATING TIME

The simple design of our rotary threshing system means fewer wearing parts. Combined with a minimal number of moving elements and the highest quality standards of engineering, this minimises the risk of breakdowns, cuts the time required for maintenance and servicing – and keeps down the cost of ownership. Simple.

### MINIMUM MAINTENANCE TIME

The simple rotary transmission design means there are only a few belts to check as part of Case IH Axial-Flow® daily maintenance. Attend to a handful of greasing points, and you're done, meaning you can get going while others are still in the yard. When the weather is against you, every minute counts.



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Safety never hurts! Always read the Operator's Manual before working with any equipment. Inspect 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 this 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 **AKCELA** lubricants.

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