



## PERFORMANCE AT ITS BEST

The Case IH Axial-Flow<sup>®</sup> 240 series combines are the high-performance specialists for New Zealand fields. Built for challenges associated with tough conditions, high-yielding crops and the need to become ever more efficient, Case IH Axial-Flow combines are changing the landscape of harvesting technology yet again. With their increased power and enhanced threshing technology, the new Axial-Flow models provide solutions for today's and future challenges.

#### **STRIVING FOR PERFECTION**

The increased engine power on all models of the 240 series meets the demands of large modern farms and contract businesses: high-speed harvesting, increased threshing capacity and the capability to work smoothly even under most challenging conditions. As inventor of the single Axial-Flow rotor design, Case IH continuously invests in engineering to further optimise what is already setting industry standards. Feeder, rotor, grain tank and unloading system is designed to handle large grain throughput. The engine power of each Axial-Flow model matches the requirements of today's challenging harvesting conditions without wasting fuel. At the same time productivity is optimised and grain losses minimised even during high-speed operation. In addition, with the higher capacity of the grain tank you will have plenty of time to manage the unloading process.

#### **CUSTOMER-BENEFITS ARE KEY**

There is one clear principle: Case IH Axial-Flow combines are developed and built for our customers – for easy operation, quick and simple adjustments as well as utmost reliability. Daily services can be dealt with quickly – and mostly from ground level – as all essential parts and areas are easily accessible. The cab uses modern technology to create the ideal environment for operators to concentrate on the work ahead; high performance, cost effective harvesting without stress.

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## NEW STANDARD IN HARVESTING TECHNOLOGY

Case IH 240 series combines are built for the biggest farms, the largest contractors, the most demanding owners and operators, and the highest yields. They are developed and built for the lowest operating costs and utmost reliability - day after day, and season after season. At their heart is the proven Axial-Flow single rotor technology, providing all the benefits associated with this concept such as thorough threshing, minimum losses and excellent grain quality due to the gentlest of grain handling.



#### HARVEST YOUR CROP WITH A CASE IH HEADER

240 series combines can be operated with the latest generation Case IH headers which are available in widths up to 12.5m. These headers are designed specifically for high yielding conditions and allow you to make the most of these combines' capacity. Choose from a wide range of headers such as variable knife grain headers, flex headers, pick-up headers, draper headers or corn headers whatever suits your business best - and make optimum use of the capabilities of your Case IH equipment.

#### ENHANCED ROTOR FOR EUROPEAN CONDITIONS



For the new 240 series combines, the well proven and simple single rotor has been enhanced with a new rasp bar configuration to allow for higher throughput and quality threshing, particularly under our high-yielding conditions. The new rotor optimises productivity in all crops and through all harvesting conditions. The gentle threshing process ensures that every grain gets into the grain tank in the best









#### SAVE TIME IN LARGE FIELDS, UNLOAD ON THE GO

With 240 series Axial-Flow combines, you can put large quantities of clean, undamaged grain into the grain tank fast. The new 8240 and 9240 models offer a larger than ever grain tank with an astounding 14,400 litres capacity, allowing to open up high yielding fields with large headers! When the tank is full, it can be unloaded rapidly, with a maximum unloading rate option of 144 litres/sec for the 8240 and 159 litres/sec for the 9240 models, with exclusive Dual Drive unloading auger.

#### CHOP AND WINDROW YOUR STRAW WITH THE INTEGRATED CHOPPER

The combine's pass is the first step towards preparing the next crop, whether you are chopping or baling your straw. With Axial-Flow treatment of the residue, you will leave an excellent foundation for next year's crop. If you need to bale all or part of your straw, you can change over to swathing quickly, from the comfort of you cab and you will get clean, neat and easy to bale straw swaths without wasting harvesting time.



#### **INCREASED TRACTION, NARROW TRANSPORT**

When compared with wheels, the track option for Axial-Flow combines allows for increased traction and flotation for effective soil protection whilst ensuring a transport width of just 3.5m on 610mm tracks. Depending on your requirements with regard to drive comfort and ground pressure, you can choose between standard or suspended track options.





#### **COMFORT OR LUXURY CAB – THE CHOICE IS YOURS**

There is no combine simpler or more comfortable to operate than the latest Case IH Axial-Flow. Choose from two cabs: the Comfort version and the Luxury version. Which ever cab you go for all the key external functions are placed in the palm of your hand with the Multifunction Propulsion Control Lever, thus giving you full control.

#### **OPTIMISE PERFORMANCE, MINIMISE COST**

Case IH Advanced Farming Systems (AFS) collect and deliver important data for your management decisions on crop cultivation and cost management. By means of AFS AccuGuide GPS-controlled auto-steering, your combine is guided automatically – with an accuracy down to 3cm. With optional Case IH telematics systems, you can connect the combine's on-board recording capabilities and the farm office computer for exchange of machine, agronomic and job site information.

## HEADER AND COMBINE

Axial-Flow combines and Case IH headers are the perfect match to maximize the combines' output potential. High grain quality and smooth harvesting under all conditions – that's what the Axial-Flow is built for. Our headers are designed to perform at their best in all yields, for maximum productivity and protection of grain quality whichever way the harvesting conditions may change. Minimal losses, simple operation and excellent harvesting performance in all conditions. A smooth, fast and efficient intake means high threshing and separation rates are guaranteed.

#### HIGH OUTPUT

Fast harvesting and more productivity are todays requirements for harvesting. The optional variable speed header drive improves corn harvesting by adapting the speed of the header to the harvesting speed. This results in less wear and less crop loss. The adjustable header height control keeps the header parallel to the ground, hugging the contours automatically. A uniform cutting height at all combine speeds is ensured grabbing each grain in lodged conditions.

#### **QUICK COUPLING**

Axial-Flow makes it easy to move between fields fast. All headers are conveniently coupled to the combine from the left hand side. A single latch connects all hydraulic services. Plug in the electrical connection, couple the PTO shaft, and in a couple of minutes you're ready to start harvesting.

#### **FEEDERS WITH APPETITE**

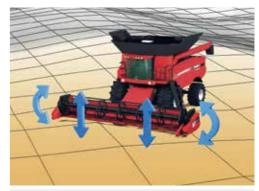
The Axial-Flow 240 series feature high capacity feeders to match todays harvesting speed and to handle the largest headers – and that's just the beginning when it comes to boosting throughput. Stones and other foreign material are pressed by a slip clutch-protected roller into the stone trap, to prevent any damage to the combine. The large stone trap is conveniently emptied with a lever from the left side of the combine.



Mount the header in a matter of minutes with the single latch that connects all hydraulic services.



Operate headers of up to 12.5m (41ft) and enjoy the advantages of controlled traffic.



Case IH Terrain Tracker technology ensures an exact cutting height is maintained across the most uneven of ground.



## A WIDE RANGE OF HEADERS TO SUIT ANY CROP

Benefit from the wide range of headers on offer from Case IH. Case IH headers are designed to not only match today's faster harvest speeds, tougher crop conditions and changing environments, but to take on tomorrow's challenges as well. They are the perfect tool for ever-changing harvesting conditions, different stages of ripeness or during the day, when conditions of dampness and dryness take turns, starting in the early morning and ending in the dark of night. Whatever the stage of crop or the time of day, they help save more crop and protect quality.



#### **3050 GRAIN HEADER – THE CEREAL SOLUTION**

Case IH does everything to bring the best output of quality in different conditions. The design of the 3050 grain header allows the farmer to operate in short and long grown grain, quick change to canola harvest and handling weed-infested lodged crops. With its robust design and ease of operation concept every farmer will love the 3050 grain header when it comes to harvest.

- Available working width from 6.1 to 12.5m
- High speed harvest
- Automatic reel speed control
- Telescoping knife on the move to cater for loss free harvesting in long and short straw conditions
- Crop lifters available for lodged crops



#### **3020 FLEX HEADER – THE SOYBEAN SPECIALIST**

Low-growing and low-podded crops such as soybeans and peas present their own challenges at harvest, but with a Case IH 3020 flex header on the front of your Axial-Flow, you will have the best tool for the task. For high-speed harvesting with minimal losses, there's nothing to match the 3020. It's the specialist for harvesting crops growing close to the soil, hugging them to gather every single pod and bean, limiting the seed losses.

- Available working width from 6.1 to 9.1m
- Flexible knife runs close to the ground contours to gather even low hanging pods
- Fully adjustable system suspension, with the option to control it from the cab
- In rigid form the header can also be used for all other grain harvesting applications



#### **3100 DRAPER HEADER – GENTLE HANDLING OF THE CROP**

The draper headers is gaining more popularity among farmers and contractors. Crop is conveyed gently across the draper floor and fed heads-first into the feeder.

- Available working width from 6.1 to 12.5m
- High speed harvesting in short straw crops and rape seed without losses
- Easy serviceability
- Central knife drive for balanced performance



#### 4400 CORN HEADER

Case IH 4400 series corn/maize headers offer excellent picking ability in both standing and down corn, increasing grain savings in all circumstance. What's more, they offer unrivalled ease of servicing to ensure they are ready for work in no time at all, and are easily adaptable to changing harvesting conditions.

- 6 to 12 row units available
- Foldable and rigid versions
- Chopping/non-chopping capability
- Low profile divider design
- Heavy duty drives
- Easy serviceability



#### 3000 PICK UP

Cereals, oilseed rape/canola, beans, peas, lentils, grass seed... the 3000 pick up header range is the solution to them all. It gently lifts swaths cleanly and tidily with minimal seed losses. The swath is transported gently on the belts to the combine feeder. The pick up belts cover the total width of pick up, guaranteeing the gathering of all material without running over adjacent swaths.

- Clean and gentle pick up of large single or multi windrows
- Accurate pick up contour following via gauge wheels
- Suits all types of crops and high forward speeds
- Easy maintenance and serviceability

### SINGLE ROTOR THRESHING SINCE 1977

#### 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. But 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 240 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 power 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 like that used in conventional or hybrid combines, and the transition from threshing to separation is completely seamless.

#### SIMPLY ADVANCED:

GENTLE THRESHING MEANS MORE GRAIN, MAXIMUM QUALITY

- Axial-Flow rotor optimises crop flow for gentle threshing and separation, increased throughput in tough conditions
- Results in both yield and quality gains which are reflected directly on your bottom line
- Gentle transition of crop from elevator to transition cone - NO SEPARATE CROP ACCELERATOR NEEDED



#### FEEDER

- Designed to operate headers with a work width up to 14 m (45 ft)
- Higher reliability and less servicing by using shaft drive instead of belts for the header
- Large stone trap housing, easily cleaned from the left hand side

#### ROTOR

- Rotor for European conditions to handle large volumes of straw and grain, in all crops and various conditions
- High quality grain is key benefit
- Grain on grain threshing

#### **STRAW MANAGEMENT**

- Straw management of a combine sets the baseline for next year's crop.
- Open the fields by chop and spread and then switch over to swath using the in-cab switch over option

#### **CLEANING SYSTEM**

- Cross Flow Fan for cleanest grain
- Finger tip control sieve adjustment from the comfort of your seat or from the lefthand side of your combine
- Pre-sieve to adapt to all conditions

### FROM THE INVENTOR OF AXIAL-FLOW® SINGLE ROTOR TECHNOLOGY NEW CONFIGURATION

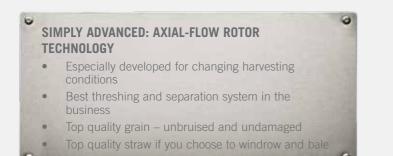
#### AXIAL-FLOW ROTOR – CONFIGURED FOR EUROPE

At the heart of every Case IH 240 series combine is the latest Small Tube rotor. It has been further developed to meet changing harvesting conditions. Tested in european fields to get to a perfectly satisfied result - high throughput, best grain and straw sample and no grain losses.

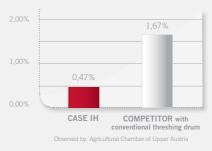
The Small Tube rotors of all combines are now configured with new rasp bar set-up. The rotor section covering the threshing concaves is equipped with a dedicated rasp bar arragement for earlier threshing and separation, whereas the rotor section covering the separation area is fitted with the rasp bars, partly fitted with spikes, to catch every last grain. The advantages are a higher threshing and separation capacity, resulting in reduced losses, and reduces the sensitivity of the rotor to changing crop conditions.

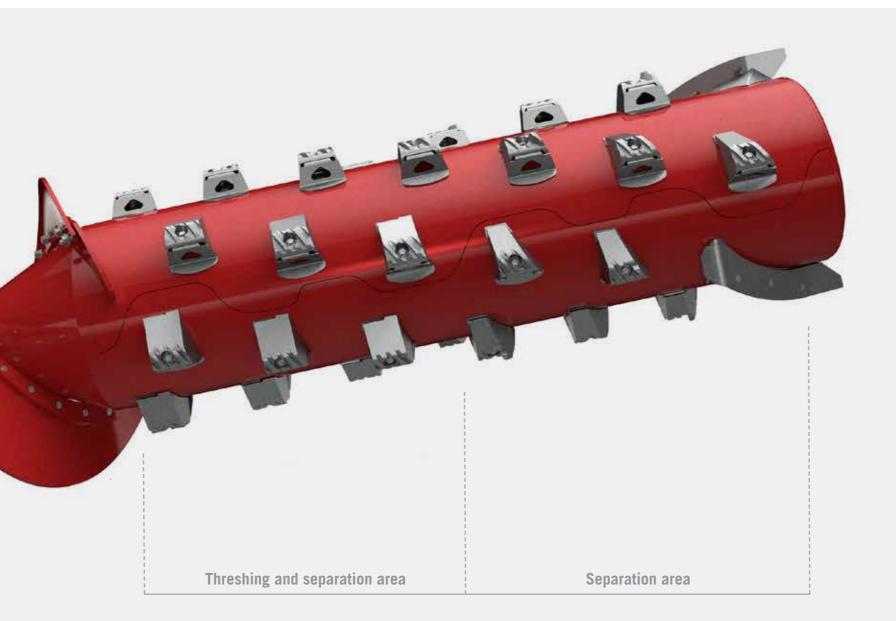
#### **BEST IN CLASS GRAIN QUALITY**

Cracked grain is the bane of good sample quality, not only because of the damaged kernels themselves, but also because they can be easily blown out of the back of the combine. With the benefits of Axial-Flow threshing and the latest Small Tube rotor, Case IH combines consistently deliver top quality grain samples. Rasp bars are arranged in three spirals around the rotor, for improved threshing and better straw quality in tough conditions. Access to the rotor cage is possible from both sides of the machine, while lightweight interchangeable threshing and separation modules can be easily removed and changed for different crops – a real Axial-Flow benefit.



#### AVERAGE CRACKED GRAIN CONTENT









#### THE CLEANING SYSTEM

Axial-Flow 240 series combines are designed to put large quantities of clean, undamaged grain in the tank – and fast. The cleaning system drives up grain quality and cuts down on grain losses, giving you a greater performance and higher productivity.

- Self-levelling 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 Trisweep system efficiently rethreshes stubborn returns in the cleaning system
- Sieves adjustable from the seat
- Biggest sieves on the market 6.5m<sup>2</sup>



The Cross Flow cleaning system uses the proven chevron-shaped fan, 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 small seed crops and the fan outlet ducts directs the air flow across the sieves more effectively, raising the cleaning quality. The hydraulically driven fan maintains its speed regardless of engine load. This provides the higher cleaning capacity Axial-Flow users are proud of.

#### MASSIVE CAPACITY THROUGH EFFICIENT GRAIN EVACUATION

Due to high capacity threshing of the Axial-Flow a lot of grain must be transported in short time from the cleaning system to the grain tank whether in dry or wet conditions. The improved clean grain elevator and the redesigned grain tank bubbler ensure higher crop throughput and improved more even grain tank filling. 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 TANK BANK

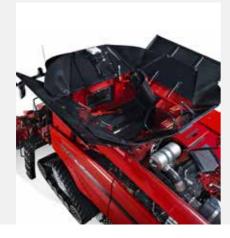
#### **GRAIN TANK**

There is only one way to describe the grain tanks on the latest Axial-Flow<sup>®</sup> combines – cavernous. These tanks are more than capable of handling the high quantities of grain that 240 series Axial-Flow machines can quickly produce.

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

7240	11,100
8240, 9240	14,440 I

If you are opening up large fields and harvesting high-yielding crops, you will be surprised how much flexibility Axial-Flow grain tanks give you. They are big enough to aid harvest management and prevent unproductive travelling to field ends for stationary unloading.



#### **HIGHER CAPACITY**

Axial-Flow 240 series combines feature hydraulically folded grain tank extensions. The fold-out covers allow for high-volume filling without spillage. They are closed from the cab for easier transport or weather-proofing.

#### EASY ACCESS

When it is necessary to enter the grain tank for servicing, maintenance or cleaning, Case IH engineers have made the task safer and simpler. It is now much easier to gain full access when necessary.







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## WATCH YOUR CASH FLOW HIGH SPEED UNLOADING

With a 113 l/sec unloading rate, the 240 combine range is fitted with an unloading system of sufficient speed to empty the grain tank within two minutes. Optional 141 l/s or 159 l/s (9240 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

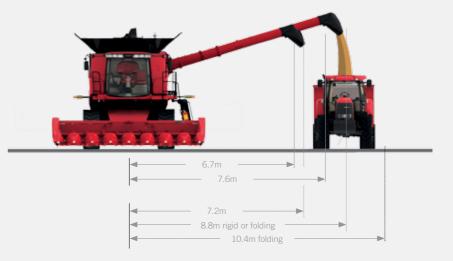
- Larger vertical and horizontal unloading augers.
- A standard dual drive control on the 9240 (optional on 7240 and 8240 models) provides the ability to turn off the grain tank cross augers and completely empty the unloading auger. The result is reduced weight in the unloading auger, and less strain on components when unloading begins.
- The larger auger swing cylinder handles the longer unloading auger.
- The unloading auger is available in several lengths to suit all requirements, including the 12m controlled traffic system which is gaining popularity in Europe.



The 8.8m and 10.4m unloader tube is available as a foldable version for easier transport on the road and for easier manouvering 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 113 l/s suited for grain and corn headers up to 12.5m width **High capacity unloading system** at 141 l/s for 7240 and 8240 or 159 l/s for 9240 combines for grain and corn headers up to 12.5m 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 finelychopped straw on well-cut stubble is the best start for the next process, whether that is ploughing, minimum tillage or direct drilling. This is what you get with the latest Case IH straw choppers. If you choose to bale your straw, you'll find that there is little left behind afterwards, as Axial-Flow combines produce 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 long straw for faster drying. The straw can easly be windrowed for baling. This benefits harvest conditions in green straw and unfavourable weather conditions.

















## NO SHORTAGE **OF POWER**

#### **POWERFUL ENGINE, LOW FUEL CONSUMPTION**

Featuring common rail 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 1,125 litre fuel tank on the 7240 and 8240 and 1,200 litre fuel tank on the 9240 models hold more than enough for a full day in the field.

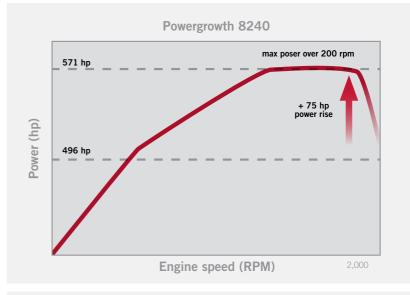
#### **ENGINE OF THE YEAR**

The Axial-Flow 9240 combines are powered by the new Cursor 16 engine from FPT Industrial which was voted 'Diesel of the Year'® for 2014 by the renowned Diesel magazine. This is the ideal engine for the 9240, the new flagship combine of the Axial-Flow 240 series, as it is small in size but with excellent performance and high power output. Characterised by its outstanding power-to-weight ratio, this engine combines high performance and efficiency with low fuel consumption and emissions – a marvellous package that reduces the cost of ownership and provides the optimum harvesting solution to our customers.

#### **PURE POWER**

Unlike some of our competitors, Case IH offers our combines without any SCR (AdBlue<sup>®</sup>) or EGR emission systems. This means you still get all the performance benefits and fuel efficiencies of the latest FPT engine technology, but without having to use AdBlue/DEF or power sapping Exhaust Gas Recirculation (EGR).

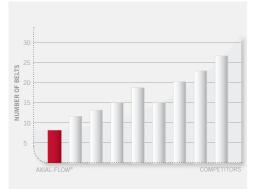




Power growth (8240)







Industry-leading drive technology

## LESS COMPLEXITY, MORE TIME IN THE FIELD

#### DRIVELINES

The drives for the whole combine are powered from a central gearbox mounted directly to the engine for maximum efficiency. Indeed, Axial-Flow<sup>®</sup> 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.

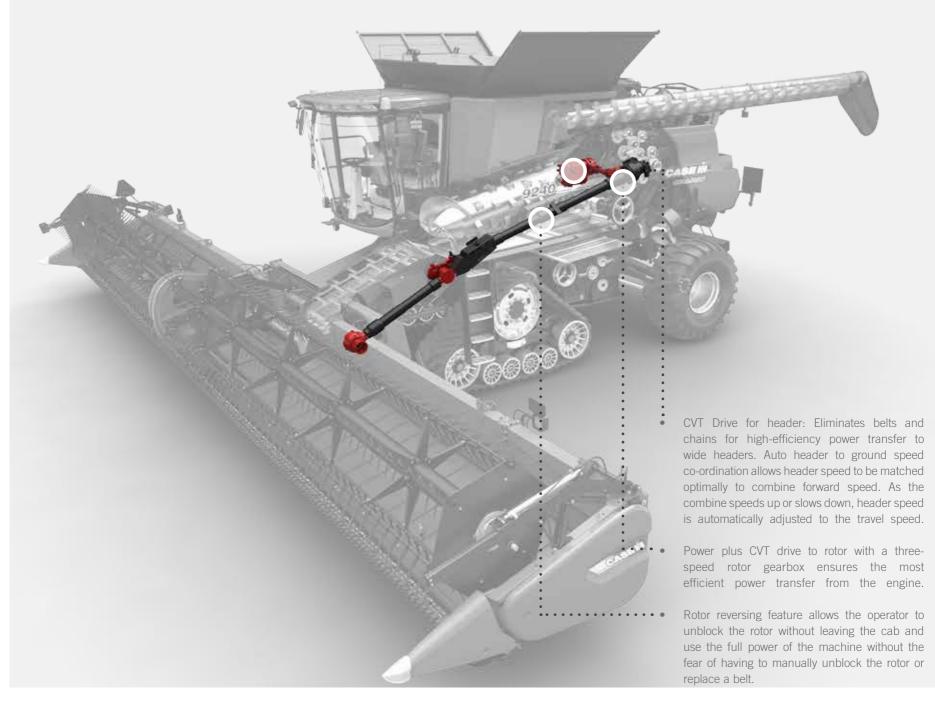
#### **POWER PLUS CVT**

With its unique variable speed technology, the Power Plus<sup>™</sup> 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 240 series uses far fewer belts, resulting in improved power transfer and reliability, together with lower maintenance and much cheaper pre-season checks.

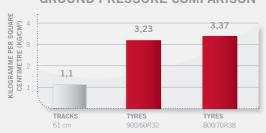




Stay below 3.5m transport width with tracks



Case IH track systems have been proven worldwide on Quadtrac tractors.



**GROUND PRESSURE COMPARISON** 



#### SIMPLY ADVANCED: CASE IH TRACK SYSTEMS

- Choose between two different track systems
- Reduced soil damage due to considerable reduction in ground pressure
- Ability to harvest even in soft ground conditions
- Narrow transport width of just 3.49m
   on 61cm tracks



### FLOATING OVER YOUR FIELDS ENSURES 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 horsepower tractors for traction, flotation and a narrow transport width.

- Easy servicing: oil level can be simply inspected in the oil sight glass no tools required
- Maintaince free automatic belt tensioning system
- Two track versions are available with 61cm or 76cm belt widths and the narrower units overall combine width is just 3.49m.

Following our history of success and leadership in tracked drive systems, two solutions are delivered, the rubberdampened track system and the hydraulic suspended track system.



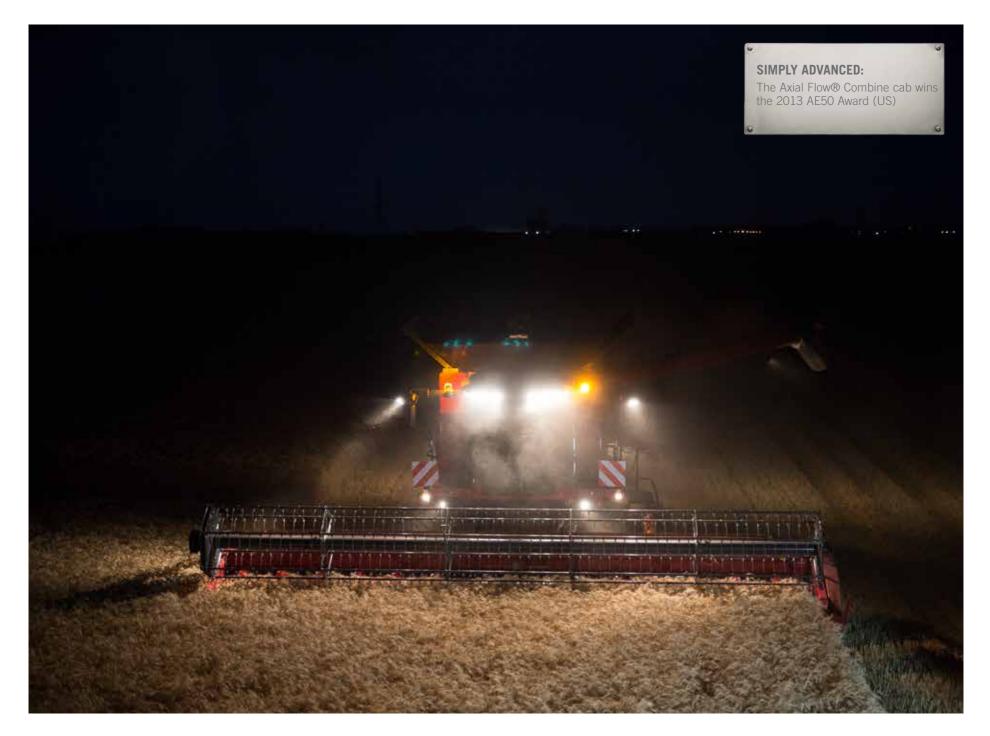
#### **RUBBER-DAMPENED TRACK SYSTEM**

- Case IH positive drive systems provide greater tractive effort when compared with friction 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.



#### SUSPENDED TRACK SYSTEM

- Fully suspended track system for best suspension and adaption to the ground.
- Each single suspension cylinder is free to move and adapt to ground unevenness to provide an even ground pressure accross the track surface.



## THE AXIAL-FLOW®

#### THE NEW CAB

Maximising productivity requires the best combine and an operator who can work in the ideal environment, protected from all elements that reduce their concentration and wear them out. Today's combines must work long hours, handle high-yielding crops and deliver optimum quality. 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 of the operator. Choose from two cabs, the Comfort version and the Luxury version with electrically adjustable mirrors, increased storage space, semiactive 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 will find ample space and storage, with comfort enhanced by thoughtful details such as ergonomic layout, 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 fast when the time has come and thus harvest often extends late into the night, requiring ample illumination. Stadium lights are fitted to the roof to completely illuminate 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 visible at night.

#### **OPERATIONS CENTRE**

With the AFS Pro 700 touch-screen on the right hand console, all important data and settings are available at your fingertips and let you handle and operate your combine efficiently and with ease. 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, six programmable run screens can be selected, displaying current combine settings or yield monitoring data.



Stay alert for the whole day



Wide glass area for an unobstructed field of vision



Manage your combine through the AFS Pro 700





The comfort cab in detail



Opt for the sliding AFS Pro 700 monitor



Experience the generous storage space on the Luxury cab

### TAKE A CLOSER LOOK THE TWO CABS IN DETAIL

Harvesting means getting the reward for all the work and the means of production invested throughout the season. Enabling you to spend long and productive days on your combine without being worn out is at the core of our engineers efforts when developing and designing combine cabs.

#### **LUXURY VERSION**

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In addition to the features of the Comfort version, the Luxury cab will offer electrically adjustable mirrors, even more storage space, a semi-active seat option and an actively cooled cool box. Food and drinks will thus remain fresh and refreshing, adding to the comfort of this cab.

#### **COMFORT VERSION**

The Comfort cab features ergonomic layout to give you full control at all times, with an unobstructed field of vision, a comfortable seat and plentiful leg and foot room. The Multifunction Propulsion Control Lever as well as the sliding AFS Pro 700 touch-screen monitor are conveniently integrated in the right console. Working in such an environment is a pleasure, because you will be experiencing a powerful mix of comfort and productivity.

## CONTROL AT YOUR **FINGERTIPS**

#### **THE CONTROLS**

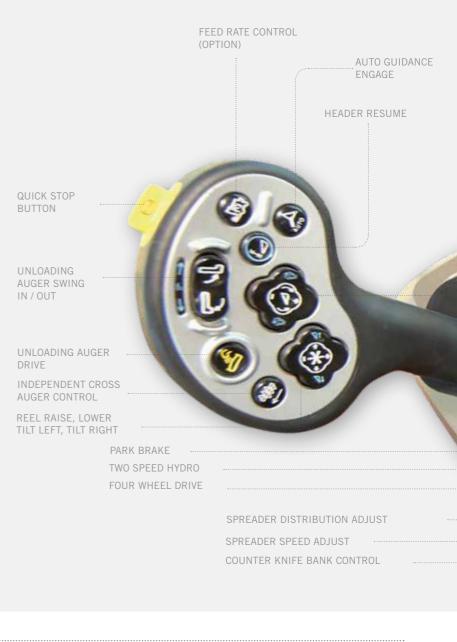
The Axial-Flow<sup>®</sup> is as simple and comfortable as possible to operate. The number of functions that can be controlled through the joystick has increased and there is a adjustable right-hand console-mounted display which makes monitoring key combine functions much easier.

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 240 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. The AFS Pro 700 groups all combine, yield monitoring and auto guidance control and information in one unit.









# AFS™ AFS™ ADVANCED FARMING SYSTEMS

#### CASE IH ADVANCED FARMING SYSTEMS (AFS) PAY FOR THEMSELVES.

#### TAKE ADVANTAGE OF HARDWARE AND SOFTWARE – ALL-IN-ONE AND FROM A SINGLE SOURCE: THE PERFECT SOLUTION FOR YOU

Case IH AFS stands for an extensive range of practice-oriented solutions that help you farm and manage your fields more efficiently than ever before. Take advantage of what is doubtlessly 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 logical, easy to use and intuitive, and they become second nature in next to no time. This is how we understand the demands of modern farmers.

#### ON THE RIGHT TRACK – AFS ACCUGUIDE GPS-CONTROLLED AUTO-STEERING

In conjunction with AFS AccuGuide, the mechanical row guidance 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, thus reducing operator fatigue and boosting productivity, to exploit the combine's full performance capabilities.

#### FAR MORE THAN JUST A SAVING ON FUEL - THE AFS ACCUGUIDE EFFECT:

- Optimised machine usage
- Improved comfort by reducing operator demands
- Savings on fuel and labour costs
- Less time spent in the field
- Reduced skips and overlaps improved efficiency
- Perfect work in poor visibility conditions without compromise



#### **CONTROLLED TRAFFIC FARMING**

Sustainable soil management and soil conservation are receiving growing attention. Controlled Traffic Farming as one of the successful strategies is increasingly looked at and taken up by farmers. Controlled Traffic Farming (CTF) is based on in-field tracks which are laid out once and then are permanently used, thus leaving the soil surface between the tracks unaffected. Wheel tracks of the machines used for field work can be harmonised in a second step. Harmonised working widths and a high-precision guidance system are basic requirements for CTF.

#### CASE IH SOLUTIONS FOR A 12M PERMANENT TRACK SYSTEM

- Case IH RTK-systems for absolute precision and reliability in the 3cm range,
- the 12.5m header for our Axial-Flow combines and
- an extra-long and foldable unloading auger for direct unloading into transfer vehicles which drive on the next permanent 12m track.



## MONITOR PERFORMANCE, MAXIMIZE UPTIME INCREASE INCOME

Case IH AFS Connect telematics uses global positioning systems and mobile communication technology to send and receive machine, agronomic and jobsite information. Telematics technology allows you to know more – on the whereabouts, status and settings of your machines – even from your office desk, thus helping to improve the productivity of your business with up-to-the-minute information. Case IH AFS Connect telematics is "the clever way" to maximise your return on investment.

#### **BE MASTER OF YOUR FLEET**

Fleet management allows you to track all of your machines and, by extension, your team, from a single web page. You can:

- Accurately pinpoint the exact location of any given machine.
- Coordinate machine logistics. So you can efficiently support your staff, manage maintenance, being on time at the combine to unload and keep your team productive and your machines running smoothly.

#### SECURITY AND ASSET TRACKING

Protect your investment and streamline maintenance by using the AFS Connect alerts and antitheft system.

Geo-fencing ensures that your machine stays within certain coordinates preset by you, and curfew management sends an alert if a machine is started after working hours.

#### COMPATIBILITY

The Case IH AFS Connect is compatible with your existing precision farming systems, so your local Case IH dealer can retrofit it on fleets of both Case IH and competitive equipment. Deploy it with:

- Any equipment using the standard ISOBUS protocol.
- Case IH AFS Pro displays.



## AFS CONNECT ANALYSE PERFORMANCE IN REAL-TIME

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Telematics data provided by AFS Connect are transferred to your farm computer in real-time, enabling you to provide instant advice and directions whenever you see the need to make immediate operating adjustments. For different demands and personal preferences, Case IH AFS Connect is available in two specification levels:

The AFS Connect Basic offers fleet management capabilities, machine location tracking and a working status overview. 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 exactly to the right spot. No time is wasted whilst the efficiency of man and machine is kept at their maximum. With the AFS Connect Manager, you can be alerted when your machine leaves a designated area. In addition to security benefits, this also allows you to guide operators to preferred routes and instructed areas – particularly helpful for inexperienced staff or contract services.

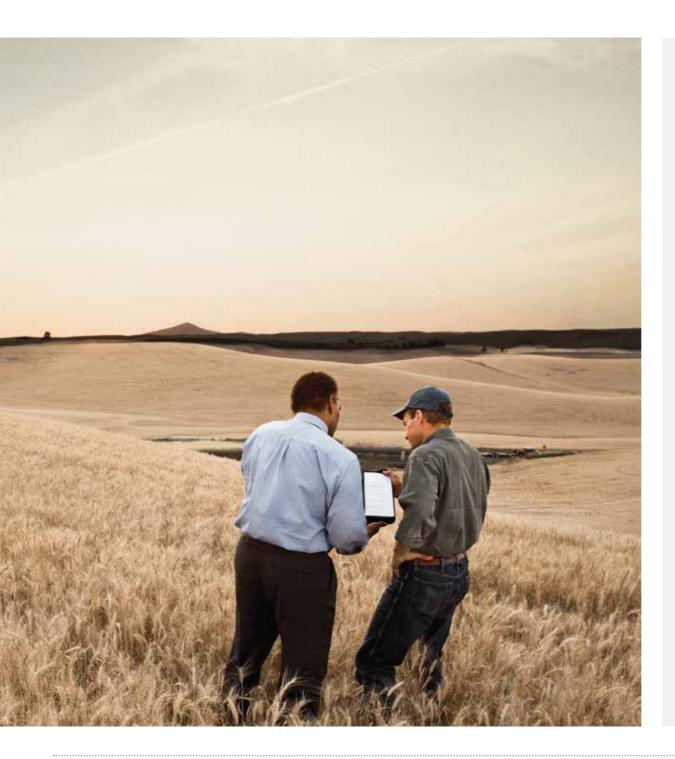
The AFS Connect Advanced package includes all features and abilities of the AFS Connect Basic plus various other helpful management and analysis possibilities:

- Compare data from different machines and identify areas of possible improvement where one machine is performing better than the other.
- Having operating data instantly at hand, as well as access to performance and set-up figures from previous working periods for the same or similar machines, provides aid for new or inexperienced operators and enables them to quickly increase their efficiency.
- AFS Connect messaging allows farm owners and managers, as well as Case IH dealer technicians, to send advice directly to the machine's display so operators can improve their performance on the move.

#### ACCURATE MEASUREMENT, ASTUTE MANAGEMENT

If you can't measure, you can't manage. With Case IH AFS Connect, all operating figures from your key machines are at your fingertips, enabling you to make your management decisions on the basis of accurate data. AFS Connect allows for the analysis and reduction of machine idle operating hours or unloading times, thus enabling you to minimise fuel consumption and maximise performance for optimum productivity. Data on engine power, fuel use, productivity and output are also recorded and transferred in report format directly to the computer on your farm desk. These reports can be exported in Microsoft Excel format, and the information can be filtered by field, operator or task. Statistic work reports for all relevant machines and their operators allow for comparisons of performance and efficiency, thus providing clear starting points for potential improvements.





#### **AFS CONNECT BASIC FEATURES**

- Fleet Management, including vehicle mapping, historic breadcrumbing.
- **Machine Monitoring,** including geo-fence/curfew settings, motion detection for the last five days after last key-off.
- Maintenance, including maintenance-due alerts.
- Industry Leading One-Minute Update Rate, or when status change occurs including reporting of key on/ off, idle time and workload.
- **Machine Status**, including reporting of traveling, engine hours, moving, working and moving, moving and unloading, unloading and working, unloading and moving, unloading.
- **Dashboard Graphic Interface** of key vehicle parameters on supported platforms, such as engine speed and oil temperature, coolant temperature and level, hydraulic oil temperature and pressure, fuel level, DEF level, battery voltage.
- Live Time provides 30 minutes on the dashboard.

#### **AFS CONNECT ADVANCED FEATURES**

- **CAN Viewer** lets you watch machine parameters remotely in real time.
- **2-Way Messaging** from the web portal to the vehicle, with a predefined set of potential operator responses.
- **Graphic Reports** showing area worked, yield average, flow average, moisture average, weight, fuel level.
- Live Time provides 30 additional minutes through the CAN Viewer which gives you a deeper dive into machine performance data – per modem, per day, not pooled in any way.
- **Cellular Network Coverage,** with multiple providers per country for best coverage. Roaming SIM Card and data plan included in AFS Connect subscription works global.



## EXPERTISE ON DEMAND REAL TIME MESSAGING

It's a brand new machine – the first time in your field with this make and model. The challenge is a simple one: learn the features, the operating procedures, the design details of a new combine. The new owner knows what his machine can do; the key is to achieve peak performance and become an expert as quickly as possible.

#### HARVEST EXPERTISE NOW

To do this, Case IH puts an expert in the instructional seat alongside you. This is a specialist able to pinpoint issues fast; there's no need to stop to explain. It turns novices into experts to achieve peak efficiency sooner. Less experienced operators can take over the driver's seat with confidence. The owner is free to manage other issues while the data connection handles training and monitors machine data.

#### **REAL LIFE CHALLENGE: REAL LIFE EXPERIENCE**

Suppose an owner has three combines in the field. One of his operators is a seasoned expert, while the other two are relative novices. The challenge is to get full efficiency and productivity from all three machines.

#### **AFS CONNECT SOLUTION:**

#### Key Operator

Real-time coaching is the answer. Using industry-exclusive, two-way, AFS Connect portal to Pro 700 messaging, the expert operator provides input to the other operators while monitoring their machine data via the clear, familiar, AFS Connect dashboard on a web browser.

Real World Results

The performance of all three machines approaches an optimum level as the experience and skills of the operator/coach are transmitted to the novice drivers. The owner sees a better return on his equipment investment because the key operator can stay fully productive while making an important training contribution.





## DON'T LOSE **PRECIOUS TIME** ON DAILY CHECKS AND MAINTENANCE

#### **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.

#### **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<sup>®</sup>.

#### 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 an operating cost that is the lowest in the industry.



#### 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 easyto-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 and rotor has been made far simpler.



### ACCESS SPACIOUS ENGINE A

Sturdy ladder provides easy access to deck from rear of combine.



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## 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.



#### AN OPTIMAL FINANCING SOLUTION FOR EVERY INVESTMENT

Your local Case IH dealer can work with Case IH Finance to offer solutions that best fit your budget and business goals. At Case IH Finance, we understand that no two farms are the same. That's why we work so hard to understand your needs first. We make it our job to know your business inside and out - your goals, your ideas, and your unique outlook on the future. Then we can put together financial solutions and services that are right for you.

#### 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.



MODELS	Axial Flow <sup>®</sup> 7240	Axial Flow® 8240	Axial Flow <sup>®</sup> 9240
HEADERS			
Case IH fixed/variable knife headers (2030/3050 range), draper headers	I		
(3152 range), flex headers (3020 range) working widths (m):	6.1/6.7/7.6 / 9.2	7.6 / 9.2 / 10.7 / 12.5	7.6 / 9.2 / 10.7 / 12.5
Corn header 4400 range rigid/foldable		6, 8 and 12 row corn headers	
Pick up headers 3016 range working width (m):	3.7 / 4.6		
HRESHING / SEPARATING	J.7 / 4.0		
Rotor drive type		Gearbox and shaft - variable speed Power Plus Drive	
	000 1 100 (0		000 1 100 (2
lotor speed range (rpm)	220 - 1,180 (3 ranges)	220 - 1,180 (3 ranges)	220 - 1,180 (3 ranges)
otor diameter and length (mm)	762 / 2,638	762 / 2,638	762 / 2,638
otal separation area (m²)	2,98	2,98	2,98
rreshing / separating modules wrap angle (°)	180	180	180
umber of threshing / separating modules	2/2	2/2	2/2
LEANING SYSTEM			
ascade sieve	•	•	•
leaning shoe width (mm)	1,580	1,580	1,580
velling capability (%)	12,1	12,1	12,1
tal sieve area under wind control (m <sup>2</sup> )	6,5	6.5	6,5
EANING FAN	5,5	0,0	0,0
n speed range (rpm)	Hydraulic Load Sensing - 300 to 1,150		
TURN SYSTEM	nyurauto Load Selising - 500 to 1,150		
	Triple impeller tailings processor		
ilings return type			
RAIN TANK / UNLOADING	-		-
-cab control of grain tank covers	•	•	•
ain tank capacity (I)	11,100	14,400	14,400
loading rate (I/s)	113 / Optional 141	113 / Optional 141	113 / Optional 159
loading auger effective length, measured from middle of combine to tip of			
nloading auger (standard/option) (m)		6,7 or 7,6 / High Capacity Options 7,2 or 8,8	
IRAW CHOPPER AND SPREADER			
traw chopper / beater		Integral fixed knife chopper	
umber of knives: chopper / counterbar			
	Vertical, twin disc hydraulically driven, in cab speed adjustable		
preader type		vertical, twin disc hydraulically driven, in cab speed adjustable	
NGINE *)			
pe / Capacity (litre ) / Emission stage	6 cylinder, Turbo, aftercooler / 11.1 / Tier 2b	6 cylinder, Turbo, aftercooler / 12.9 / Tier 2b	6 cylinder, Turbo, aftercooler / 15.9 / Tier 2b
ax. power ECE R120 1) at 2000 rpm (kW/hp)	366 / 498	420 / 571	466 / 634
iel tank (I)	1,125	1,125	1,200
RACTION			
ansmission	4 speed hydrostatic	4 speed hydrostatic	4 speed hydrostatic
eavy duty adjustable steering axle	•	•	•
nal drive type	bull gear	bull gear	bull gear
wered rear axle	0	0	0
fferential lock	•	•	•
PERATOR CAB			•
Comfort" cab: new seat postioning for added leg room, instructor seat, nar-			
w adjustable steering console, rearranged right hand console and switches	•	•	•
cab, new Multifunction handle, large openable grain tank window, right			
and emergency exit			
Luxury" cab (Comfort cab, plus: electric mirrors, sunshades, leather steering			
heel, removable cool box, added storage space, semi-active leather seat	0	0	0
otion, added trim)			
DVANCED FARMING SYSTEMS (AFS)			
eld and moisture monitoring / mapping	•	•	•
S Precision Farming ready and guidance ready	•	•	•
ERALL MACHINE SPECS			
ngth – feeder to rear trim panel (m)	8.05	8.05	8.05
heel base (m)	3.635	3.635	3.635
inimum height (transport) (m)	3.98	3.98	3.98
idth with narrowest tyres fitted – min (m)	3.49	3.49	3.49
a manima ata sunsi alta af ana altima (l. a)	19,000	20,000	21,000 (on tracks)
proximate weight of machine (kg)			
RE OPTIONS			
RE OPTIONS		/ IF800/70R38 CF0 187A8 R1W / IF900/60R32 CF0 188A8 R1W	
proximate weight of machine (kg) RE OPTIONS ont tyres ont tyres		/ IF800/70R38 CF0 187A8 R1W / IF900/60R32 CF0 188A8 R1W 77A8 R1W / 600/70R28 161A8 R1W / VF620/70R26 170A8 R1V	

<sup>1)</sup> ECE R-120 correspond to ISO TR14396 <sup>(\*)</sup> FPT Industrial engine • Standard • Optional – not available

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.



