

# MAXXUM CVX







# IT'S ONLY AVAILABLE IN RED

**AFTER MORE THAN 160 YEARS WE REMAIN TRUE TO OUR VISION OF PROVIDING THE FARMERS OF TOMORROW WITH AGRICULTURAL MACHINERY THAT IS ALWAYS AN INNOVATIVE, RELIABLE AND PROFITABLE INVESTMENT**

For more than 160 years Case IH has played a major role in shaping agriculture, with legendary brand names that include Case, International Harvester and David Brown. As the inventor of the power take off, Axial-Flow single rotor threshing and the hydraulic reversing gear, and as the pioneer of the continuously variable transmission, the Case IH heritage goes on. The pioneering vision of our forebears remains at the heart of every Case IH product to this day. It is with the same passion that we develop and produce agricultural machinery in Europe and across the world. More than one hundred thousand Case IH machines in operation are testament to our dedication to meeting and exceeding the expectations of farmers across the world.

This wealth of experience has given us the opportunity to listen to you and design products that deliver precisely what you need. Our drive for innovation has led us to devise advanced technological solutions to constantly drive up our machines' performance and productivity whilst making them easy to use and increasingly profitable. We strive tirelessly for perfection, achieving high quality in everything, down to the smallest detail. We demand of ourselves and our dealers the same high level of quality in the service we provide together to our customers. Our network of 391 dealers, 679 dealer branches and sub-dealers and 1377 Case IH service centres in Europe is your guarantee of personalised and professional service. That is how we work and earn the trust of our customers.

**MAXXUM CVX – TECHNOLOGY THAT WORKS FOR YOU**

To be successful in your farming business you need your machines to be powerful, easy to use and capable of performing at their best in the toughest conditions. You need technologies that cut your fuel consumption and operating costs. You need to work fast and efficiently. In short, you need technology that works for you and maximizes your efficiency - technology you don't even notice, such as the CVX transmission, APM Automatic Productivity Management and the Case IH Efficient Power SCR engine technology from FPT Industrial, all featured in the new Maxxum CVX Series.

**STRONG, ROBUST AND TAILOR-MADE**

An extensive range of options including front loaders, front linkage and PTO, industrial or agricultural tyres means Maxxum CVX tractors will arrive fully equipped and ready to work. In addition, cab versions can be customised with performance monitors and ISO connector to enable data transfer between tractor and implement to suit the task.

MODEL	Rated engine power kW/hp@2,200rpm	Max. engine power with Power Management kW/hp@1,800-1,900rpm	Engine capacity (cm <sup>3</sup> )	Number of cylinders
Maxxum 110 CVX	81/110	105/143	4,485	4
Maxxum 120 CVX	89/121	113/154	4,485	4
Maxxum 130 CVX	96/131	120/163	4,485	4

# MAXXUM CVX THE POWER OF TECHNOLOGY

## WHEN YOU WORK WITH THE MAXXUM CVX EVERY DAY YOU DISCOVER THE POWER OF TECHNOLOGY AT ITS BEST

Every Case IH Maxxum CVX tractor sends a strong message to the world; the powerful design of a king of the fields, the modern styling with its rounded shapes combining style and power, every detail engineered to perform for you. Every time you climb into the cab and drive, you experience the power of technology at its best.



### COMFORTABLE SURROUND VISION CAB

The new Maxxum CVX features the "Surround Vision" cab, which offers the best comfort and ergonomics. It is the biggest in its class and, with a 5.78m<sup>2</sup> glazed area, it provides the best all-round visibility. The four-post design and integrated roof window offer unobstructed view of the implements, with a 105 degree viewing area to the front - ideal for front loader work. The industry-leading low noise levels, at 69dB(A), and cab suspension set new standards of comfort.



### INTUITIVE TECHNOLOGY, EASY TO CONTROL

The intuitive controls put pure power at your fingertips, giving you effortless control and stress free operation. Master your tractor's performance with the proven and ergonomic Multicontroller, the precise instrumentation and clear displays, delivering power exactly where it's needed, when it's needed.





### ADVANCED ENGINE TECHNOLOGY

The engines deliver a true power boost with 10% more power at just 1,900rpm with exceptionally low fuel consumption. The turbocharged and intercooled 4-cylinder engines, with 4.5 litre capacity and electronic common rail injection, combine this powerful and efficient performance with exceptional strength and reliability.



### EFFICIENT TRANSMISSION TECHNOLOGY

The new, highly efficient CVX transmission takes you from 0 to 50kph smoothly and without torque interruption. The Active Stop feature provides a powered neutral which prevents tractor movement, even with fully loaded trailers on steep slopes. The double clutch technology DKT™ (Doppel Kupplungs Technologie) enables you to shift working ranges seamlessly, optimising transmission performance to deliver a smooth ride and high fuel efficiency.



### HYDRAULICS DELIVER POWER WITH PRECISION

The hydraulic system is powered by a closed centre load sensing pump, delivering up to 125 litres per minute. The rear linkage lifts up to 7,864kg with ease. Up to 7 remote valves can be supplied. Front hitch and front PTO are available for best productivity. Case IH LRZ front loaders are available on all Maxxum CVX models.



### THE SUSPENSION MAKES ALL THE DIFFERENCE

The suspended front axle enhances the operator's comfort by providing a smooth ride. The driver experiences less pitching when travelling at speed with mounted implements. A suspended cab is also available for operators wanting the ultimate in ride control.



### AFS – ADVANCED FARMING SYSTEMS

Our AFS systems enable you to maximise your efficiency, with the ability to connect ISOBUS implements for greater interactive control of their performance from the cab, and auto guidance solutions that operate with pinpoint accuracy. The integrated AFS 700 Pro monitor (optional) gives you a clear at-a-glance view of all the important data such as fuel consumption, or engine and PTO revs. You can also adjust vehicle settings quickly and easily for various implements and different working conditions.





# LESS NOISE. LESS FATIGUE MORE COMFORT MORE PRODUCTIVITY

Our Surround Vision™ cab combines panoramic views with the lowest noise levels and intuitive controls to reduce fatigue and increase productivity, season after season.

## MAXIMUM COMFORT

Enjoy the comfort of the quiet and air conditioned cab. Unsurpassed sight lines and perfect ergonomic controls are all part of the Maxxum CVX cab design. Designed with operator comfort and productivity in mind, the cab features Surround Vision with 5.78 square metres of glass and an optional high visibility roof window for unobstructed views in all directions. The combined effect of a top quality seat, cab suspension, front axle suspension and front and rear linkage suspension has been proven to cut vibration levels significantly and maximise driver comfort. The seat is fully adjustable with lumbar support and there is an option of a Low Frequency Seat with heating. The steering wheel can be tilted and adjusted telescopically so you are always sure to adopt the healthiest driving posture. Noise levels of just 69dB(A) are similar if not better than those in modern cars!

## ENHANCED PERFORMANCE - ADVANCED CONTROL SYSTEMS

Maxxum CVX tractors feature the ultimate operator interface. The Multicontroller armrest with ICP intuitive control panel plus AFS Pro 700™ touch screen monitor, integrate all the tractor's key functions in the palm of your hand, while the A-post mounted instrument panel keeps you informed on the tractor's performance at a glance. Here you have everything you need in one place; speed selection, direction changes, throttle, Headland Management Control, electronic remote valves, front and rear hitch controls and much more. With a clear view of the instrument displays on the right-hand A post, the Maxxum CVX provides an operator-friendly environment that gets even a novice driver working effectively on day one.

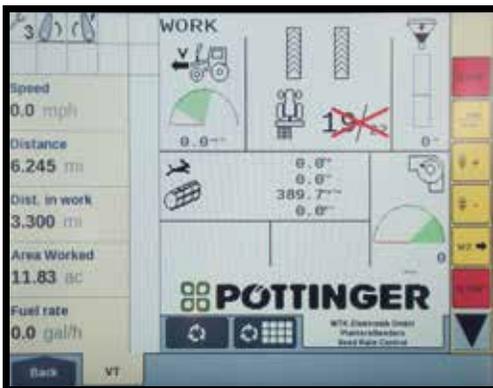




Performance monitoring



Vehicle settings



Full ISOBUS compatibility





# INTERACTIVE INTEGRATED INTUITIVE

Case IH Advanced Farming Systems are within easy reach on the AFS Pro 700 touchscreen monitor integrated into the armrest. In addition to complete automation of all the tractor's key functions, including the sequencing of up to 30 headland functions, the AFS screen also keeps track of the work done, fuel consumption, operating costs and much more. Here are just a few examples:

#### KEY FEATURES INCLUDE:

- Performance monitoring: record overall performance, performance for each day and performance for each job. All data from the AFS monitors can be saved to a USB stick for analysis back at the office if required.
- Vehicle settings: a series of AFS screens allow you to fine-tune the tractor's settings. It is easy to set the flow rates and timers for each of the remote valves, giving you an excellent overview of the whole setup.
- Hitch notebook: this screen allows you to save the settings for each implement according to the working conditions. Next time you attach the plough, for example, you just need to open the notebook, choose the right set-up and away you go.
- Full ISOBUS compatibility: hook up any compatible machine to display the user interface for the machine on the AFS monitor. Now you are able to operate the machine easily and interactively by pressing the control buttons on the AFS monitor screen. You do not need a separate control pendant or cables inside the cab.
- Video input: you can display a live video feed from a camera positioned at the rear end of a loader wagon or baler. This means you can monitor what is going on behind you without having to take your eyes off the work area in front of you.
- A variety of vehicle guidance solutions are available to match your needs for precision: from simple, plug and play lightbar steering kits that are suitable for spraying or spreading through to fully automated and integrated solutions that give you the pinpoint accuracy you need for high value crops.



#### AFS PRO 700 TOUCHSCREEN MONITOR

Enhanced vehicle control and additional productivity with programmable functions and settings, as well as notebook and ISOBUS compatibility.





# ELEVATING BUSINESS

Built specifically for our tractors, Case IH loaders offer uncompromising performance and quality. Using fine-grained, lightweight crane steel, they are manufactured to the highest specifications. Our LRZ loader packages include their own independent remote valves so other hydraulic services remain free, giving you loads of flexibility. Loader connection and removal is quick and easy with the all-in-one 'Multi Coupler'. All Maxxum CVX tractors feature a roof window, whether you order a loader or not, providing excellent visibility in all directions.

## LOADS OF PERFORMANCE

It's more than just a loader. Maxxum CVX tractors are packed with features to deliver superior manoeuvrability and visibility. LRZ loaders are designed for easy on/easy off operation. No assistance required; drive in, connect up, lift, lock, fold up parking stand and away you go. Loader and tractor: a powerful team that saves you time and boosts performance.

## LOADS OF DEDICATION

At Case IH we see the LRZ loader as part of the tractor. The wiring, hoses, brackets and control systems are fully integrated into the vehicle at the design stage and not just retrofit as offered by other manufacturers. The low effort electro-hydraulic joystick mounted on the Multicontroller armrest is perfectly positioned and truly responsive.

## THE QUICK-LOCK SYSTEM: THERE'S NOTHING TO LOSE

The Quick-Lock mounting system makes attachment quick and easy. The spring-loaded design keeps the pins with the loader – no loose pins or parts to go missing when you're attaching the loader. Plus, safety mechanisms are built right in for maximum simplicity and dependability.

# PERFORMANCE MADE SIMPLE POWERFUL ENGINES

Maxxum CVX tractors feature engines designed for power and fuel efficiency. The three tractor models feature four-valve, 4.5 litre turbocharged, intercooled engines with electronic common rail injection ranging from 110 to 131 horsepower. The engines deliver maximum torque at engine speeds as low as 1,500rpm in all applications. They are designed to generate maximum power at 1,800-1,900rpm. All Maxxum CVX models feature the proven Case IH SCR technology, developed by FPT, that lowers emissions whilst increasing performance and efficiency. The 600 hour service intervals - the longest in the industry - save time and money.

## A BOOST WHEN YOU NEED IT

Electronic power management of up to 20 horsepower means you have more lugging ability in tough conditions. The constant power range of up to 600rpm means work rates can be maintained with lower engine speed, less noise and more efficiency. To minimise fuel consumption, the idle engine speed is automatically reduced by 200rpm when the tractor is at a standstill and no additional power is required by implements.

## LOW EMISSIONS WITH LOW OPERATING COSTS

The SCR after-treatment system reduces NOx (nitrogen oxides) in the exhaust through a chemical reaction with AdBlue diesel exhaust fluid that breaks them down into nitrogen and water. As it is an after-treatment system, combustion is optimised in the engine, cutting down particulate matter and maximising power and performance. The result: low emissions, low fuel consumption, high efficiency, high power. Your bottom line, on average, benefits by up to 10 percent lower operating costs.

## BIG TANKS FOR LONG DAYS

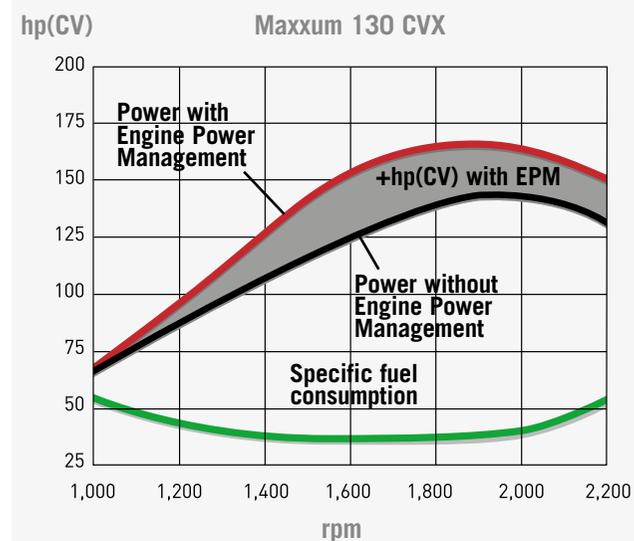
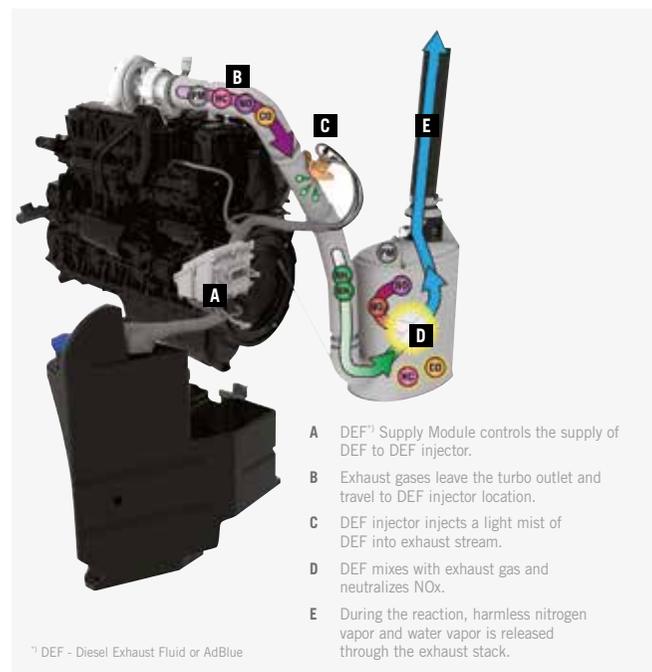
The fuel and AdBlue tanks allow for long work periods between refills. The wide filler opening enables you to refuel easily and quickly from ground level, eliminating fuel spillages. A sensor indicating the presence of water in the fuel and a tank guard are standard on all models. Maxxum CVX models feature 175 litre fuel tank and 37 litre AdBlue tank.



## ECODRIVE™ - THE INTUITIVE WAY TO SAVE FUEL

Using the ECO lever the driver can fix a certain minimum and maximum engine speed to match the engine performance and efficiency to each job. Then the Maxxum CVX watches for optimum fuel efficiency.





20hp(CV) in addition





# THE MAXXUM CVX TRANSMISSION SAVE TIME AND FUEL

The Maxxum CVX Efficient Power models feature a CVX transmission with DKT Double Clutch Technology to deliver a smooth ride and the best fuel and power efficiency. The APM Automatic Productivity Management works behind the scenes to keep fuel consumption down to a minimum. By coordinating the engine, transmission and PTO with the Multicontroller or the travel pedal you achieve the ideal balance of fuel efficiency and power.

## STEPLESS PRODUCTIVITY

CVX technology is backed by Case IH's engineering expertise, developed over the years at the home of the Maxxum CVX - our European manufacturing headquarters in St Valentin, Austria. The drive train delivers power efficiently from creep speeds all the way up to 50kph at a smooth and quiet 1,750 engine rpm. In economy mode, a 40kph cruising speed is achieved at a fuel-saving 1,600rpm.

## SMOOTH RIDE

The DKT™ Double Clutch Technology enables smooth gear changes with no interruption in the flow of power. This results in better acceleration and better fuel efficiency.

## OPTIMUM EFFICIENCY

All CVX models feature APM Automatic Productivity Management, a system that has proven its efficiency in the bigger Case IH tractor models. APM reduces the engine revolutions automatically as soon as the full power of the engine is no longer needed.

## ACTIVE STOP

The CVX transmission remains in control when the tractor is at a standstill. Its Active Stop feature holds the tractor and its load stationary, even on a steep incline, and enables you to pull away effortlessly without using the clutch and brakes.



CVX transmission - stepless drive between 0-50kph



Active Stop holds the tractor stationary without applying brakes



Double clutch technology DKT™ (Doppel Kupplungs Technologie)



A - rear PTO management, B / C - front / rear PTO



# CHOICE OF PTO SPEEDS PURE VERSATILITY

The Maxxum CVX's PTO driveline maximises efficiency, economy and versatility. All models are available with 540/540E/1000rpm rear PTO. In addition, on Maxxum 130 CVX there is the choice of a 540E/1000/1000E PTO, that gives you total flexibility. The rear PTO is driven directly from the engine flywheel, transmitting power most efficiently for all your jobs. The soft start PTO gradually increases torque to provide a smooth start and protects your machinery and implement drive shafts. You can double your productivity, operating front and rear implements, with the optional front hitch with PTO. For example, you can zip through your field with a front and rear mower combination, completing the job in half the time.

## FUEL ECONOMY

The PTO is designed to eliminate the loss of power from the transmission, as it is driven directly from the engine flywheel. The 540E Economy PTO further increases fuel efficiency as it operates at 1,546rpm - that's at 20% lower engine speed.

## SMOOTH START

The soft start feature gradually increases torque when the PTO is engaged as soon as the sensors detect a high starting inertia, ensuring a smooth start. A hydraulic brake makes sure implements don't keep running once the PTO is switched off.

## EASY OPERATION

The PTO management system takes care of switching the PTO on and off according to the mounted implement's position, automatically turning off the PTO when the hitch is raised and engaging again when it is lowered.

## PURE FLEXIBILITY

With a choice of two 3-speed PTO versions for operating slurry pumps, round balers, plus a ground speed PTO for special trailed equipment, you have the right tractor for every task.

## TWICE THE PRODUCTIVITY IN ONE GO

Achieve twice as much in a single pass with a front hitch and PTO, operating front and rear implement combinations. No job is too big for the Maxxum CVX, with the Cat II front linkage and 1,000rpm PTO fully integrated into the tractor, delivering a maximum lift capacity of 3,100kg.





# MAXIMUM POWER TO THE GROUND

Maxxum CVX tractors offer excellent power to weight ratios down to 30kg/hp for outstanding performance, optimum ground protection and better profitability. Those models give you power and the means to harness it and control it with ease, from the traction management system to a host of features that improve steering, braking and safety on the road, in the field and around the yard.

## PROVEN DRIVELINE SPECIFICATIONS

Faster and smoother operation is possible on the Maxxum CVX without compromising safety or placing undue stress on the operator. The excellent power-to-weight ratio, combined with Auto 4WD, Diff Lock and Hitch Ride Control, results in maximum traction and minimum compaction. Auto 4WD and Diff Lock disengage and engage automatically when needed, on tight corners for example, when braking or according to the hitch position and forward speed. The hitch ride control shock damping system reduces bounce and improves the stability of heavy implements during transport, ensuring a safer and smoother ride.

## FRONT AXLE SUSPENSION

The suspended front axle provides a more comfortable ride, increased traction and greater fuel efficiency.

## POWERFUL ALL-WHEEL BRAKING

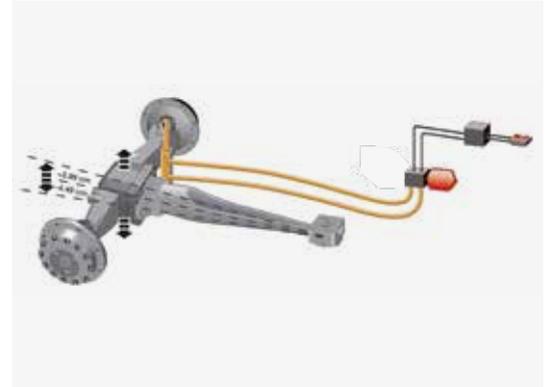
Maxxum CVX tractors feature heavy duty, maintenance free, oil immersed disc brakes, and 50kph models are fitted with front brakes for additional braking power. In addition, hydraulic and air brake systems are available for trailers.

## IMPRESSIVE TURNING CIRCLE

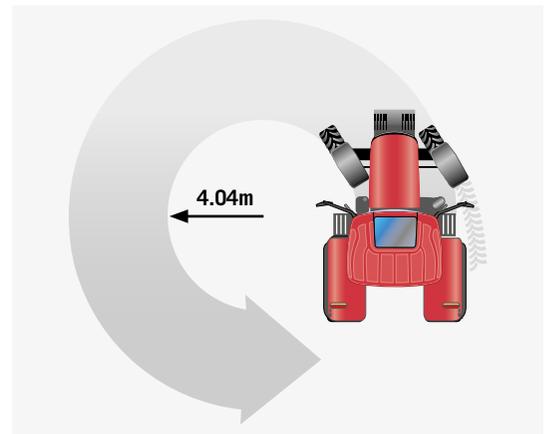
Due to their compact engine dimensions, Maxxum CVX tractors have an extremely tight turning radius. The dynamic fenders give these tractors an additional 30% in steering angle for really superb handling characteristics.

## TYRES TO SUIT YOUR APPLICATION

Maxxum CVX can be specified with factory fitted row crop tyres for vegetable growers, industrial block pattern tyres for continual road work or conventional agricultural tyres.



Front axle suspension available



# RUGGED POWER WITH PRECISION CONTROL

At the heart of the hydraulic system is the high capacity, pressure and flow compensating, variable displacement piston pump that delivers up to 125 litres/minute through a power beyond port, or up to 100 litres/minute to any of the single remote valves. A priority valve diverts flow to the steering circuit, as required, ensuring a fast and efficient response whilst the maximum oil flow is available to external circuits.

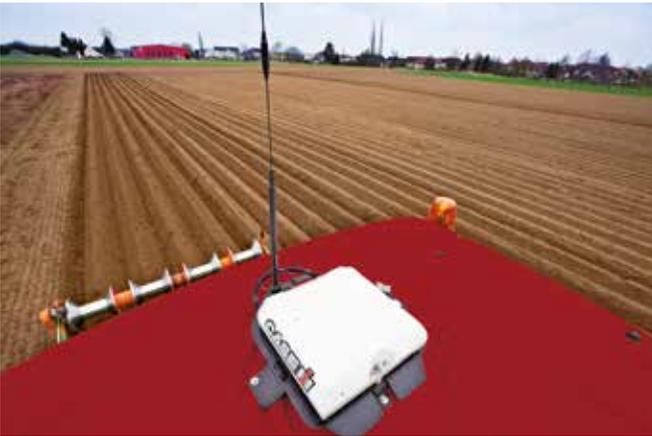
## POWERFUL REAR HITCH

- With a lift capacity of up to 7,864kg, you can run the heaviest implements on your Maxxum CVX. The hydraulics and linkage controls are easy to use and, if you are working alone, you will be pleased with the features provided outside the cab to help you connect equipment, such as the fender-mounted hitch and PTO controls for single-handed implement attachment.
- All Maxxum CVX tractors feature Electronic Hitch Control to automatically adjust the height of the hitch according to the draft load. The Hitch Ride Control system absorbs the bouncing of mounted implements.
- Up to 4 rear and 3 mid-mounted electrical remote valves are available. The oil flow rate and time period of valve operation can be set for each individual remote valve using the right-hand Multicontroller armrest.
- The Front Hitch Management is ideal in combination with the front PTO. With a maximum lift capacity of up to 3,100kg, the front hitch is equipped with two double-acting cylinders. The position of the new optimized hitch frame can be set to float with equipment that needs to hug on the ground, such as mowers, for example.









# A MODULAR APPROACH

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 TRACTOR CONTROL

If it's an interactive tractor set-up and control you want, look no further than the AFS Pro 700 touch-screen, available as an option on your new Maxxum CVX Series. Monitor fuel usage and work rates, connect an external camera and keep harvest records. The AFS Pro 700 touch-screen is interactive, fully customisable and portable within your Case IH fleet.



#### TRACTOR GUIDANCE SOLUTIONS

With Case IH GPS-based guidance solutions you can have the highest precision in every crop condition, with accuracy down to 2.5cm.



#### 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 Maxxum CVX from the farm office, on the farm computer to observe how it is performing, 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.



# DON'T WASTE PRECIOUS TIME AND MONEY ON SERVICE

## KEEP DRIVING!

When there's a busy day ahead of you, the last thing you want is to waste time on servicing your tractor. When you run a Maxxum CVX tractor, daily checks and regular maintenance are easy and quick. For example, the new swing-out radiator package is easy to clean and the air filter is conveniently located for quick inspection. Just make your quick checks and drive off!

## MAXIMUM UPTIME, MINIMUM SERVICE COSTS

The Maxxum CVX with Efficient Power technology keeps you working, reducing maintenance and costly downtime to a minimum. The long, 600 hour service intervals are just one of the many features that drive down your maintenance and service costs.



### QUICK AND EASY CLEANING

Radiators can be folded out for cleaning purposes.



### EASY ACCESS TO SERVICE POINTS

The one-piece engine hood is lifted by a gas-filled piston and can be set at two positions (45 and 90 degrees), even with a mounted front implement.



### EASY TO FILL UP

The fuel- and AdBlue-tanks are accessible from the ground level.





# 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 fullservice maintenance programmes and industryleading 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 FINANCIAL 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.

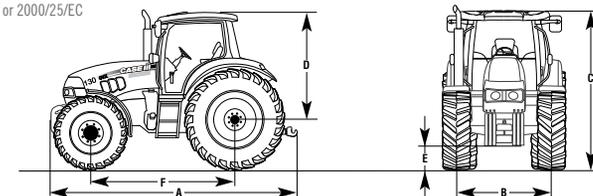
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MODELS	MAXXUM 110 CVX	MAXXUM 120 CVX	MAXXUM 130 CVX
<b>CASE IH ENGINE DEVELOPED BY FPT</b>			
Fuel management / Aspiration / Emission level	Common rail, 4-valve diesel engine with electronic fuel management system / turbocharged with intercooler / Stage IIIB compliant		
Capacity (cm <sup>3</sup> ) / Number of cylinders	4,485 / 4	4,485 / 4	4,485 / 4
Rated engine power ECE R120 <sup>3)</sup> (kW/hp(CV))	81 / 110	89 / 121	96 / 131
Rated engine power ECE R120 <sup>3)</sup> Power Management <sup>1)</sup> (kW/hp(CV))	96 / 131	103 / 140	110 / 150
Rated engine speed (rpm)	2,200	2,200	2,200
Maximum engine power ECE R120 <sup>3)</sup> (kW/hp(CV)) @ 1800/1900rpm	89 / 121	98 / 133	105 / 143
Maximum engine power ECE R120 <sup>3)</sup> Electronic Power Management <sup>1)</sup> (kW/hp(CV))	105 / 143	113 / 154	120 / 163
Maximum torque ECE R120 <sup>3)</sup> (Nm @ 1500rpm)	498	549	590
Maximum torque ECE R120 <sup>3)</sup> - Electronic Power Management <sup>1)</sup> (Nm @ 1500rpm)	590	634	676
Torque rise Standard / Electronic Power Management <sup>1)</sup> (%)	41 / 41	41 / 42	41 / 41
Fuel tank, capacity - fuel/urea(litres)	175 / 37	175 / 37	175 / 37
<b>TRANSMISSION</b>			
CVX Continuously variable transmission 50kph Eco or 40kph Eco Powershuttle	●		
Rear axle diff-lock type	Multi disc wet plate with management system		
Service brake	Hydraulically operated wet disc brake, self adjusting		
<b>FOUR-WHEEL DRIVE AND STEERING</b>			
Four-wheel drive engagement	Electro-hydraulic with Auto 4WD and Auto Diff lock*		
Steering angle (°)	55		
Optimum turning radius (m)	4.04		
<b>POWER TAKE OFF</b>			
Type	Shiftable with progressive electro-hydraulic engagement		
Speeds (rpm)	540 / 540E / 1,000	540 / 540E / 1,000 or 540E / 1,000 / 1,000E	
Engine speeds (rpm)	1,969 / 1,546 / 1,893	1,969 / 1,546 / 1,893 or 1,592 / 1,893 / 1,621	
Ground speed PTO	○		
Front PTO* (rpm) / Engine speed (rpm)	1,000 / 1,895		
<b>HYDRAULIC SYSTEM</b>			
Max. pump flow and system type main hydraulic	125l/min with closed center load sensing hydraulic pump		
Rear linkage draft control	EDC (electronic draft control) with hitch ride control		
Maximum lift capacity at ball ends with arms horizontal (kg)	7,864		
Rear remote valve configuration	Up to 4 electronic remote valves - programmable using Multicontroller, power beyond, up to 3 mid-mounts (electronic remote valves)		
Rear remote valve configuration, option	3 or 4 mechanical remote valves		
Front hitch* max. lift capacity (kg)	3,100		
<b>STANDARD TYRES*</b>			
Front	480/65R28		
Rear	600/65R38		
<b>WEIGHTS*</b>			
Minimum weight (kg)	4,990		
Permissible total weight (kg)	9,500		
<b>DIMENSIONS<sup>2)</sup> WITH CAB 4WD</b>			
A : Overall length inc. weight pack and rear linkage (mm)	4,307		
B: Minimum width (across steps) / C: Overall height (mm)standard	2,205 / depends on tyre size		
D: Height at centre of rear axle to top of cab (standard cab, suspended cab, low roof, suspended low roof) (mm)	2,100 / 2,150 / 1,995 / 2,045		
E: Max. ground clearance under drawbar (mm)	480		
F: Wheelbase standard / suspended front axle (mm)	2,402 / 2,454		

\* To comply with legislation and specification in your country <sup>1)</sup> Power Management is only available during mobile PTO and haulage applications <sup>2)</sup> With standard tyres <sup>3)</sup> ECE R120 correspond to ISO 14396 and 97/68/EC or 2000/25/EC  
● Standard ○ Optional

**!** 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.



# MADE IN AUSTRIA BUILT WITH PASSION

Every Case IH Maxxum CVX carries the flag for Austrian engineering and manufacturing excellence. Home to the Case IH European headquarters, the St Valentin plant relies on the passion and expertise of its engineers and production workers, as well as its state-of-the-art assembly lines, to produce 28 different tractor models ranging from 86 to 228hp with the highest quality and precision. Ninety percent of tractors produced in St Valentin are exported, carrying its culture of excellence around the world.

## AWARD-WINNING ST. VALENTIN

The CNH Industrial tractor plant in St. Valentin, Austria, performs impressively in the annual World Class Manufacturing (WCM) audit. A success attributed to world-class production and highly-qualified employees. WCM stands for competence, quality and performance of enthusiastic staff. Processes are optimised and testing, as well as controls, follow strict regulations which go far beyond common standards. The clear focus is to deliver machines which are ideal for the individual farmer.

