

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

# PUMA

TRACTORS 140 - 240 HP





# THE PUMA SERIES

## EFFICIENT POWER FOR PROFITABLE FARMING

Puma® has a well-established reputation for a premium product in terms of tractor quality. Built in Austria around proven semi powershift, full powershift or CVX continuously-variable transmissions, and the latest FPT engine technology, Puma retains the high standards set by its predecessors. With fifteen models from 140-240 hp (rated), the Puma series sits squarely in territory that means it suits the most demanding applications in both arable, contracting and livestock farming situations.

Furthermore, as with all Case IH developments, it takes its class forward in multiple areas – transmission, suspension, controls, seating, lighting and more. What you get as a result is the reassurance of a proven product with enhancements aimed at giving your business a sharper edge, repaying your investment quicker than ever before.

**THE PUMA. SIMPLY EFFICIENT.**



CASE IH

240

CVX

CASE IH

PUMA



# 3 MODELS, 1 PUMA SERIES

You never had a wider choice





## **PUMA X**

3 MODELS FROM 140 TO 165 HP

Even in standard format, Puma X tractors incorporate a comprehensive specification featuring everything necessary for modern-day farming, including an 18F/6R 40 km/h transmission with six powershift speeds, a luxurious cab, up to four mechanical remote valves and a high-capacity hydraulics system. These straightforward, simple-to-operate machines are cost-effective business tools that ensure your workload is completed to the standards you'd expect from much more complex tractors. You can tailor your Case IH Puma X exactly how you want it, but specifying an entry-level model doesn't mean you have to skimp on spec.

## **PUMA MULTICONTROLLER**

5 MODELS FROM 150 TO 220 HP

With the Case IH Multicontroller armrest and joystick, Puma Multicontroller models put all key operating functions at the driver's right hand. Powershift and powershuttle are operated via Multicontroller buttons, as are the operation of the rear linkage and one of the rear remote valves. Elsewhere on the armrest, features such as engine speed and electrical remote valve operation are at your fingertips, accessed quickly and easily via controls designed to be logically laid-out and easy to differentiate. Multicontroller is the last word in intuitive operation.

## **PUMA CVX**

7 MODELS FROM 150 TO 240 HP

A leader in continuously variable transmissions since their very first development for use in tractors, Case IH today continues to lead the CVT sector with product developments that keep us at the cutting edge of the ultimate in fuel-efficient power transfer. Puma CVX models are as easy to drive as they are economical, with an intuitive operating system that makes them 'jump on and go' machines suited to all types of operator, from casual summer staff to full-time drivers.



### TRAVEL IN TOTAL COMFORT.

A range of seat options for Puma tractors means operators benefit from the best ride in the industry. All Puma models boast an extremely comfortable, quiet and ergonomically designed cab with excellent allround-visibility. This operating concept is tailored to the needs and wishes of our clients in the most effective way possible, for minimum familiarization time and maximum work results!

# IT'S WHAT'S INSIDE THAT COUNTS

## Specification to match the style

With the addition of three new standard-specification Puma 140 X, 150 X and 165 X semi-powershift models, complete with low-profile cabs, the Puma range now offers more choice than ever before, to cover the requirements of every type of business. The Puma 140 X takes the line down to new power levels, while the additional Puma 150 X and Puma 165 X variants mean these models can now be ordered in three different specifications. New front axle suspension improvements create an enhanced ride for operators of Puma 185 Multicontroller to Puma 240 CVX models, while an adaptive steering control option increases responsiveness during high speed road travel. And all models now benefit from colour-coded remote valves.

### THE PUMA. EASY TO OPERATE MORE EFFICIENTLY.

MODELS	Rated power ECE R120 <sup>1)</sup> @ 2,200 rpm (kW/hp(CV))	Maximum power ECE R120 <sup>1)</sup> with Power Management <sup>2)</sup> @ 1,800 – 1,900 rpm (kW/hp(CV))	Max. pump flow rate Standard (Optional) (l/min)	Max. lift capacity (kg)	Wheelbase (mm)
Puma 140 X	103 / 140	129 / 175	110 (-)	8,257	2,734
Puma 150 X / Puma 150 Multicontroller / Puma 150 CVX	110 / 150	140 / 190	110 (-) / 110 (-) / 140 (160)	8,257	2,734
Puma 165 X / Puma 165 Multicontroller / Puma 165 CVX	121 / 165	155 / 210	110 (-) / 110 (-) / 140 (160)	8,257	2,734
Puma 175 CVX	132 / 180	166 / 225	140 (160)	8,257	2,734
Puma 185 Multicontroller / Puma 185 CVX	132 / 180	166 / 225	120 (150) / 150 (170)	10,463	2,884
Puma 200 Multicontroller / Puma 200 CVX	147 / 200	180 / 245	120 (150) / 150 (170)	10,463	2,884
Puma 220 Multicontroller / Puma 220 CVX	162 / 220	192 / 260	120 (150) / 150 (170)	10,463	2,884
Puma 240 CVX	177 / 240	199 / 270	150 (170)	10,463	2,884

<sup>1)</sup> ECE R120 correspond to ISO 14396 and 97 / 68 / EC <sup>2)</sup> Power Management is only available during hydraulic, mobile PTO and haulage applications







### POWER AND EFFICIENCY

The powerful 6.7 litre, 6-cylinder engine is designed to generate power and optimize fuel efficiency. Stage IV emissions standards are achieved with our proprietary high efficiency Hi-eSCR only after-treatment system. The engine power management on Puma CVX models is now also available when operating in reverse, benefiting users who regularly use their tractors for reverse-drive applications such as mowing and snow blowing.



### LESS DRIVER FATIGUE

The suspended front axle (optional) ensures smooth travel and improved operating comfort. If you frequently travel on roads, the ABS system, which is also available as an option on CVX models, provides a clear benefit when it comes to safety – a benefit only offered by one series tractor in this class: the Case IH Puma CVX.

### SAVE MONEY WITH PRECISE CONTROL

With the Case IH AFS systems, you can maximize your efficiency, operate ISOBUS Class III- compatible devices from the cab and choose from a full range of guidance solutions, offering accuracy levels of up to 2.5 cm. The AFS Pro 700™ monitor, which can be integrated as an option, allows you to maintain control at all times – for example the Headland Management Control II - HMC II automates workflows for less driver fatigue and higher productivity. Now, with new AFS AccuTurn™ technology, these processes are combined, automating the entire headland operation.



# BUILT FOR LONG DAYS

A comfortable environment - quiet and calm

In farming, your office is the outdoors, but you need a place of comfort and quiet from which to manage it; that's exactly what's on offer when you take a seat in a Puma cab.

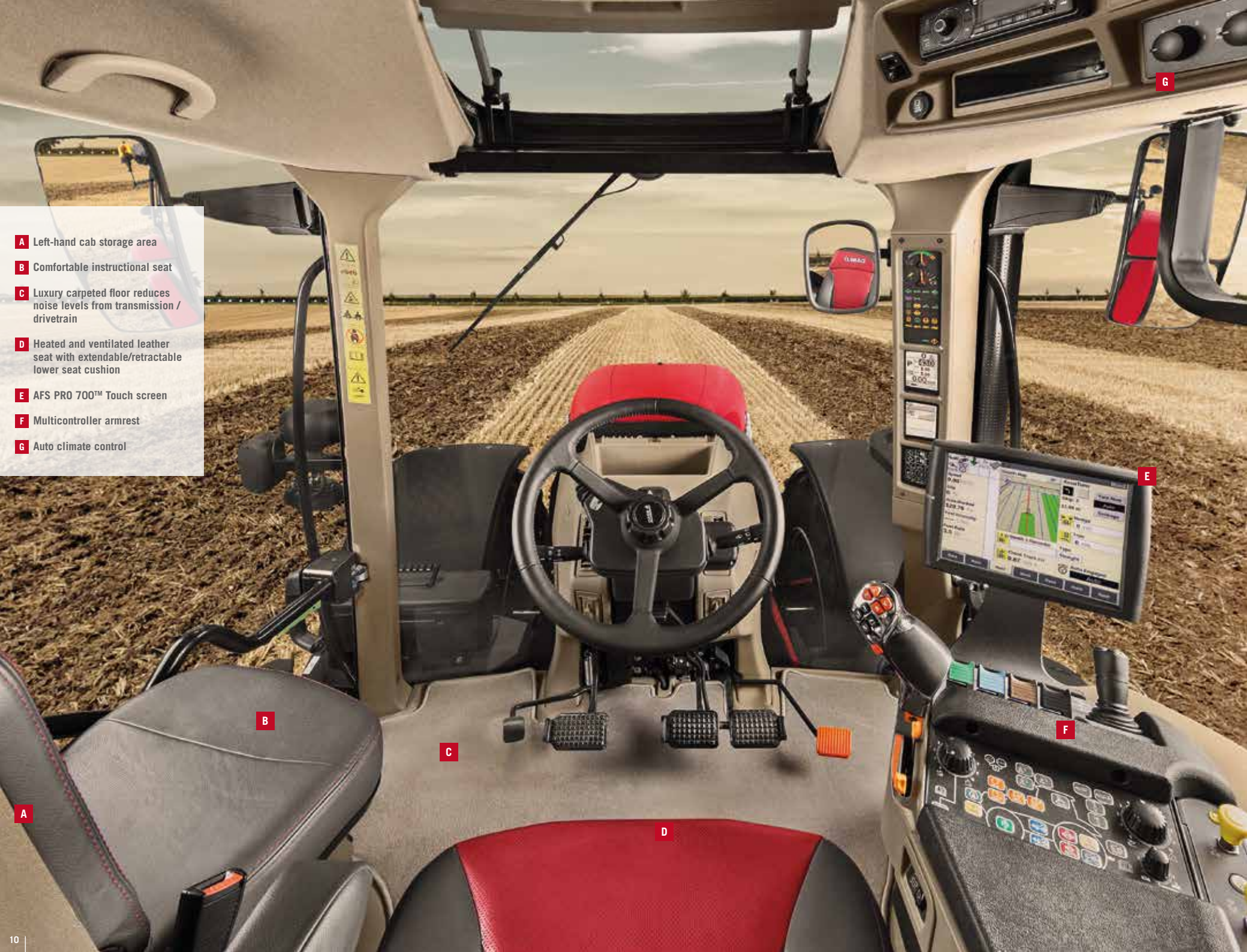
**THE PUMA. EXCELLENT DRIVING EXPERIENCE.**











- A** Left-hand cab storage area
- B** Comfortable instructional seat
- C** Luxury carpeted floor reduces noise levels from transmission / drivetrain
- D** Heated and ventilated leather seat with extendable/retractable lower seat cushion
- E** AFS PRO 700™ Touch screen
- F** Multicontroller armrest
- G** Auto climate control

**A**

**B**

**C**

**D**

**E**

**F**

**G**





2

3

# SUPREME COMFORT

A workplace with a feel-good atmosphere

- 1** Puma X standard comfort cab
- 2** Dual motion driver seat and Multicontroller armrest
- 3** Front axle suspension for better driving comfort

Climb up into a Puma and take a seat. It quickly becomes apparent that this is a comfortable environment. One that's made from the very best materials. One that's been designed by engineers who've researched what a tractor operator needs, and where controls are best placed for effortless operation. The semi-active heated and ventilated leather seat with adjustable cushion gives you the luxurious ride you would only expect from a high value saloon car. The automatic seat suspension reacts to the individual driver's weight to provide an optimally smooth ride on a rough drive.

The latest AFS terminal provides improved remote valve and headland management control, further simplifying repetitive field operations to bring about greater efficiency and reduce driver fatigue. In addition, a range of options provides four seating choices, including an industry-

exclusive high back Dual Motion low frequency seat in either fabric or leather, and a premium Maximo Evolution seat with red leather upholstery and an integrated DDS (Dynamic Damping System) shock absorber.

Case IH ergonomic engineers have put every operating feature at your fingertips, whatever the level of tractor specification. Puma X, Multicontroller and CVX models are all equally easy to operate and, when equipped with a Case IH LRZ loader, Puma tractors are simple to control, nimble to manoeuvre and can be equipped with joystick controls which are a perfect cab fit.

## THE PUMA. TOP DRIVING COMFORT.

### ADVANTAGES

- Numerous seating options
- Intuitive controls
- Excellent vision to front, sides and rear
- Choice of standard, Multicontroller or CVX models
- Cab and front axle suspension available for a perfect ride



A

# YOUR PUMA AT YOUR FINGERTIPS

Intuitive operation puts you in control

If you've operated a Puma before, you'll know how intuitive its controls are; if you haven't, take a seat and find out! These are tractors designed by people who understand tractors – people who understand farming. Whether your requirement is for a machine with standard specification or one with the most advanced technology package, there is a level of Puma to suit, each as simple to operate as the others. Depending on model, Puma tractors can be specified in Semi-Powershift, Semi- or Full-Powershift Multicontroller or CVX Multicontroller format and each one offers virtually identical levels of comfort and operational ease. The tractor performance monitor is located in the right-hand A-post and, combined with the AFS Pro 700™ touchscreen monitor, the Puma Multicontroller and Puma CVX instrument layout provides you with a clear overview and real control for safe and stress-free operation.

**THE PUMA. EVERYTHING UNDER CONTROL.**





**B**

- A** Tractor- and Performance-Monitor located in the right-hand A-post
- B** AFS PRO 700™ Touchscreen
- C** Multicontroller
- D** Remote valve controls incl. joystick

- E** ICP – Intuitive control panel
- F** Front-/Rear PTO on/off
- G** Hydraulic and hitch settings



**D**

**C**

**F**

**E**

**G**



LOADER MODELS	Max. lift capacity (kg)	Max. height at pivot (mm)	Loading height edge blade parallel / tilted (mm) / (mm)	Tractor power minimum hp / maximum hp
LRZ 150	2,800	4,260	4,050 / 3,210	120 / 180







# ELEVATING BUSINESS

## LOADER-READY WHEN YOU ARE.

- 1 One loader model, one standard of excellence
- 2 Adaptive Steering Control for improved steering response and reduced effort.
- 3 Quick Attach – easy loader connection.

Case IH Puma tractors are available with loaders. Puma's up to 175 hp are available even loader ready from the factory and designed to operate as a system with the Case IH loader model – LRZ 150. In addition, to make sure you get the most productive loader work from your Puma, there's a wide range of buckets and tools. That way you can easily select the perfect tool or attachment, no matter what you need to get done.

It's more than just a loader. All Puma tractors are packed with features to deliver superior manoeuvrability and visibility. For example, new Adaptive Steering Control eases operation and manoeuvrability. The steering ratio can be selected via the AFS Pro 700 touchscreen monitor either through preset options or a customised setting.

LRZ 150 loader is designed for easy on/easy off operation. No assistance required; drive in, connect, lift, lock, fold up

parking stand and away you go. Loader and tractor; a powerful team that saves you time and boosts performance. 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 armrest mounted joystick is perfectly positioned and truly responsive. The high roof visibility window is ideal for loader work.

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 in for maximum simplicity and dependability.

### THE PUMA. LOADS OF PERFORMANCE.

### ADVANTAGES

- Built to precisely match every Puma tractor
- Easy to see in operation through one-piece screen and high-visibility roof
- Quick-Lock mounting system makes attachment quick and easy
- Excellent visibility to attachments
- Drive in, connect, lift, lock, fold up parking stand and go
- Adaptive Steering Control reduces the number of steering wheel turns required



## **PUMA POWER - PUMA PERFORMANCE**

Takes on the heavyweight jobs - and the lighter tasks too.





With the Case IH Puma range, there's no question about compatibility. Our CVX transmission and FPT engines were designed as partners from the beginning when these tractors were still on the drawing board. Using our APM - Automatic Productivity Management technology to co-ordinate engine rpm and transmission ratio, they work

in harmony to provide the best in power availability, fuel efficiency, workrate and output, all whilst meeting the latest emissions regulations.

**THE PUMA. POWER AND EFFICIENCY.**



# POWER, PRECISION, PERFORMANCE

Designed to be efficient in the toughest conditions



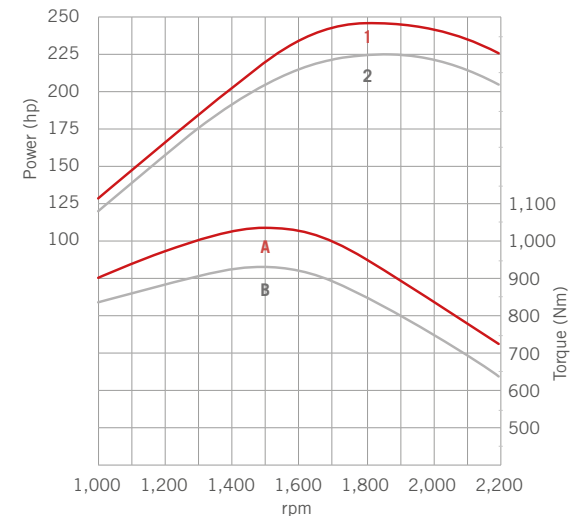
Puma tractors are built around the latest generation Stage IV-compliant FPT engines, forming the heart of a powertrain that's built to take high-output hard work in its stride. Durable, frugal, reliable and hard-working, these are powerplants which keep on giving, in hp, in torque and in dependability. The Puma range now covers a power band from 140-240 hp (rated), with all models benefiting from an Engine Power Management boost for PTO, hydraulic and transport work taking those figures from 180 hp to 270 hp.

With a low power to weight ratio which allows them to be ballasted for heavy draft work yet run light for simpler tasks, these are truly universal tractors. And with 600-hour service intervals, they require the minimum of regular scheduled care. That means they spend less time in the yard and more where it matters – in the field, returning the investment you've made in them.

All Puma CVX models benefit from Automatic Productivity Management (APM), a system which helps cut fuel consumption by adjusting the engine speed, CVX transmission to keep PTO speed constant with the Multicontroller and travel pedal. The result is the best possible balance of fuel efficiency and power. Engaging Eco Drive enables minimum and maximum engine speeds to be set to match the engine performance to the task in hand, thereby minimising fuel use.

## THE PUMA. NOTICEABLE PROGRESS .

PUMA 200 CVX

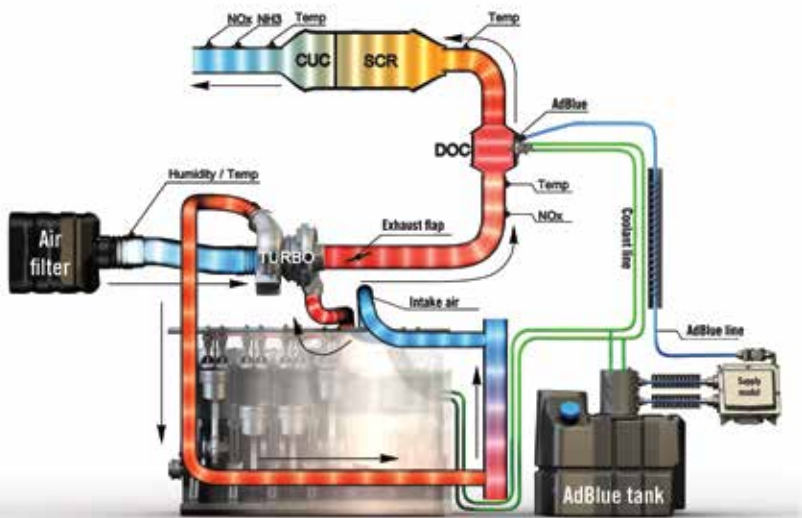
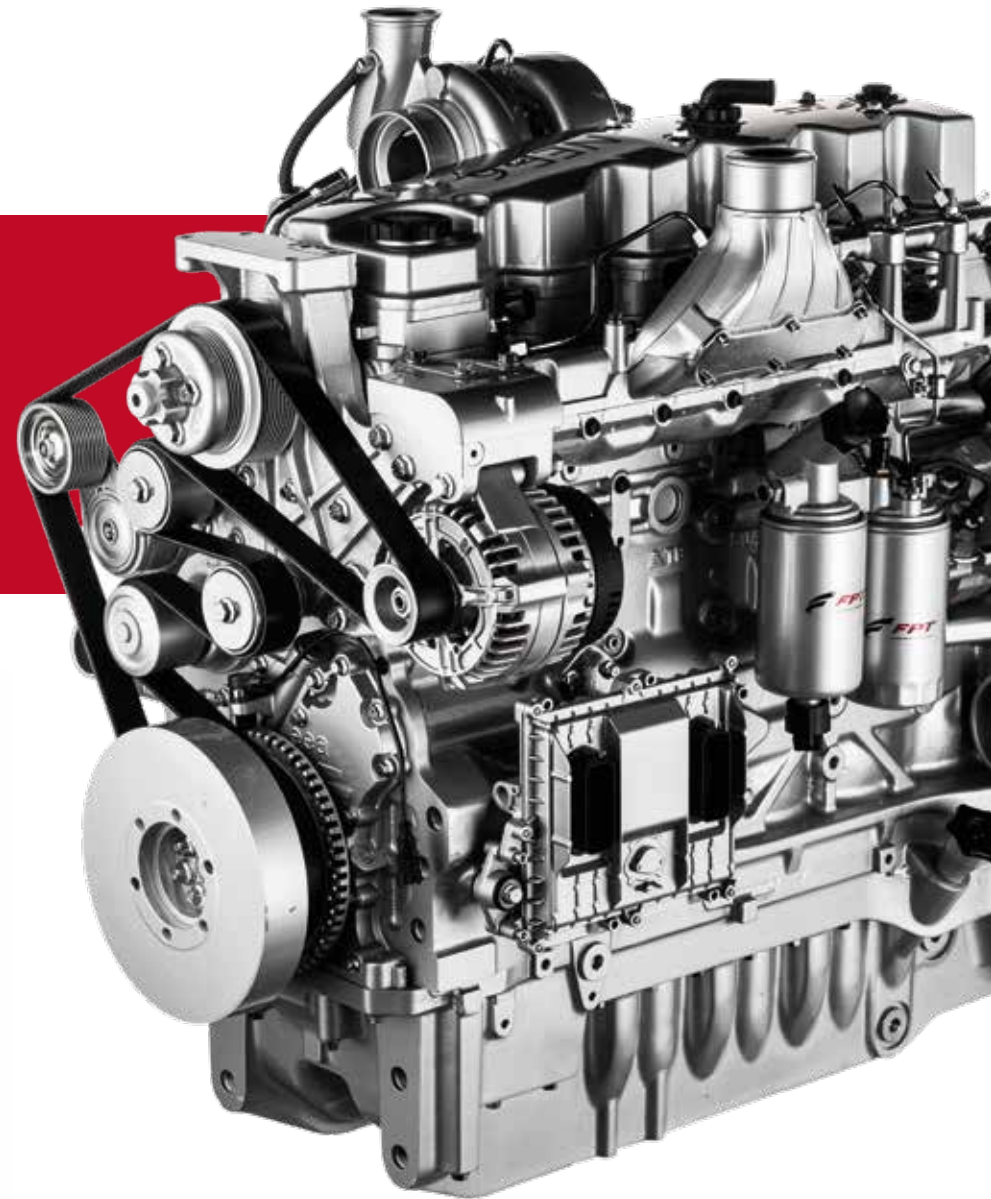


Curves 1 and A with Power Management  
Curves 2 and B without Power Management



## ADVANTAGES

- FPT engine technology from 140 to 240 hp (rated) all Stage IV compliant
- HI-eSCR exhaust gas treatment
- Up to 45 hp (cv) additional
- Automatic Productivity Management (APM) and ECO drive helps to cut fuel consumption on Puma CVX models
- Up to 390 litres fuel tank capacity
- Industry leading 600 hour service interval



**1** Transmission controls in Puma X models and ....

**2** advanced armrest control in Puma Multicontroller™ tractors.



# TACKLE ANY TASK

Semi- or full powershift: the choice is yours

## ADVANTAGES

- Six-speed or full powershift transmissions
- Fully automatic range change
- 40 km/h ECO at reduced engine speed or 50 km/h
- Creeper speeds available as low as 200 m/hr

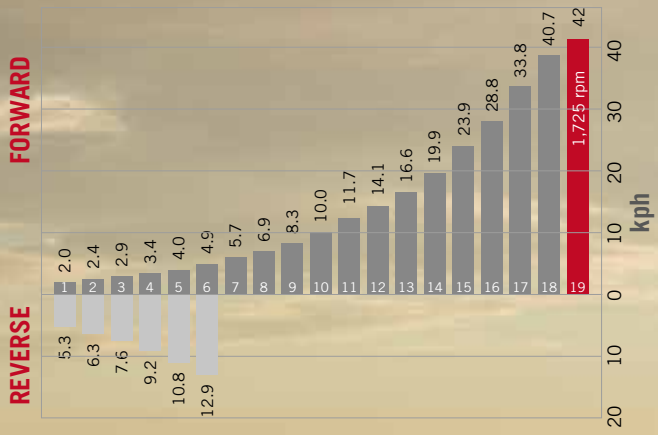
Case IH recognises that no two farm businesses are the same and every one demands different things from its tractors. That's never truer than in the transmission department, where what suits one operation may not be right for another. This is why Puma, one of the most versatile tractor ranges in the Case IH line, is offered with three transmission options.

While Puma X may be the baseline models, there's nothing basic about the transmission on standard Puma X tractors. These entry-level machines benefit from a 18F/6R 40 km/h semi-powershift with six clutchless changes. A creep speed option brings with it a further ten forward ratios to 28F/6R, whilst a 19F/6R six-speed powershift is also available, offering either 40 km/h top travel speed at reduced engine rpm or 50 km/h maximum speed. So if a six-speed powershift is sufficient to meet the needs of a particular business, then with a Puma X that doesn't mean it's necessary to skimp on specification.

Puma Multicontroller tractors feature one of the hallmarks of Case IH top-end tractor design, the Multicontroller lever, putting complete control of key tractor functions in the operator's right hand. That includes full transmission operation, with thumb-operated powershift and powershuttle control. As with standard Puma X models, Puma 150 and 165 Multicontroller tractors feature a 40 km/h six-speed powershift transmission, whereas Puma 185, 200 and 220 Multicontroller feature a 40 km/h full powershift transmission. Both providing 18F/6R speeds, or 28F/6R where the creep speed option is specified. A 19F/6R semi- or full powershift with 40 km/h economy or 50 km/h maximum speed capability are further options.

**THE PUMA. SIMPLE SHIFTING.**





Max. speed 19 x 6 Full Powershift transmission 40 km/h ECO [km/h]











# CVX STANDS FOR EFFICIENCY

The definition of continuously-variable performance

**1** Double clutch technology DKT™  
(Doppel-Kupplungs-Technologie)

**2** CVX transmission – stepless drive  
between 0-50 km/h

Case IH was among the first manufacturers to adopt continuously-variable transmissions for tractors in the mid-1990s, and with over two decades of experience our engineers know more than most about applying this technology for the benefit of farmers.

Just like their larger cousins in the Case IH range, Puma CVX tractors are available with CVX continuously variable drive technology, offering seamless travel from standstill up to 50 km/h, which can be achieved at a fuel-frugal 1,550 rpm (Puma 185-240 CVX). CVX transmissions use a DKT (Doppel-Kupplungs-Technologie) double clutch system for optimal performance. However, CVX technology is about more than just efficiency; it's about ease of use, which is why we've ensured Puma CVX tractors are incredibly simple to operate, suiting them to all types of operator and operation.

Creep speeds are integral, while the CVX transmission also offers Active Stop capability, allowing full stopping and starting using only the throttle, even on hills, without the need to use the clutch or brakes.

**THE PUMA CVX. STEPLESS AND SEAMLESS.**

## ADVANTAGES

- Continuously variable transmission with 0-50 km/h ECO capability and fully-automatic range change under full draft load
- Ultra-efficient DKT™ double clutch technology
- Automatic Productivity Management (APM) for optimum efficiency
- Automatic parking brake
- Active Stop: holds the tractor stationary with/without load, without applying the brakes
- Responsive foot pedal drive mode with kick-down function for fast response









# PTO PACKAGES TO POWER ANY IMPLEMENT

Making sure everything runs smoothly

Whether mowing, tedding or baling, spreading, spraying or drilling, different PTO-powered implements place different demands on a tractor's power take-off. Puma models (140-175) are available with a ground speed PTO for special trailed equipment and rear PTO speeds of 540/540E/1000 rpm, while the models from 185 upwards offer a 540/540E/1000/1000E rpm package.

The rear PTO is driven directly from the engine flywheel, for the ultimate in power transmission efficiency. Soft-start engagement gradually increases torque on the driveline as soon as sensors detect a high starting resistance, ensuring a smooth start to protect both tractor and implement.

A 1,000 rpm front PTO option allows you to double your productivity when combined with the optional front hitch to pair a front-mounted mower with a rear unit, for example.

A hydraulic brake ensures implement operation stops immediately once the PTO is switched off. On Puma Multicontroller and Puma CVX tractors, a PTO management system switches the PTO on mounted implements on and off at the headlands according to its rear hitch position, completely automating the dis/engagement process.

## THE PUMA. VERSATILE ECONOMY

### ADVANTAGES

- Up to four PTO speeds at the rear – 540, 540E, 1,000, 1,000E rpm
- 'E' economy speeds allow full shaft speed to be attained at lower engine rpm
- 540E economy PTO, for example, operates at an engine speed of just 1,598 rpm
- Ground speed PTO for special trailed equipment for Puma models up to 175 hp
- Hydraulic PTO safety brake
- Front 1,000 rpm PTO option



# POWERFUL HYDRAULICS

## Built to handle the heaviest implements

- 1** The perfect match front hitch and front PTO
- 2** Fender controls for easy implement connection
- 3** Puma X models equipped with up to 4 mechanical rear remote valves

With rear hitch capacity on Case IH Puma tractors topping out at over 10t on the largest models, they will lift the largest implements with ease. The hydraulic system uses an axial piston variable displacement pump with a delivery rate of up to 110 l/min on PUMA X models, 150 l/min on Puma Multicontroller and 170 l/min on Puma CVX, guaranteeing fast, effective operation.

The rear hydraulics of models 140 to 175 already boast a maximum hitch capacity of 8,257 kg, while for all larger models, this value can be as much as 10,463 kg. This means that even the heaviest attachments can be used without any problems. Thanks to the controls for the PTO, hydraulics and a remote valve, which are positioned on the outside of the mudguards, devices can be easily attached and removed by a single operator.

On the Puma X models, a maximum of four mechanical remote valves are available at the rear, while as many as four mechanical or five electrical remote valves are available on the Puma 150/165 Multicontroller and Puma 150-175 CVX models. All 140-175 models also offer up to three electrical mid-mount valves. Models from the Puma 185 Multicontroller and Puma 185 CVX upward can be fitted with five electrical control units at the rear and three electrical mid-mount valves. In total, therefore, you have up to eight hydraulic control devices at your disposal. For EHR's the operator has the possibility to select which lever operates which valve. The front hitch, which is available as an option, lifts up to 3,568 kg (models 140-175) or as much as 3,785 kg on all larger models.

### THE PUMA. MAXIMUM CAPACITY.

### ADVANTAGES

- Rear lift capacity of up to 10,463 kg
- Optional 3,785 kg front lift capacity
- 4 mechanical or 5 electrical remote valves on Puma Multicontroller and Puma CVX models from 150 to 175 hp
- 5 electrical rear and 3 electrical mid mount remote valves on Puma 185 upwards
- Electronic Hitch Control with full electronic draft control sensing and Hitch Ride Control
- New rear remote design and colour coding make hitching up easier





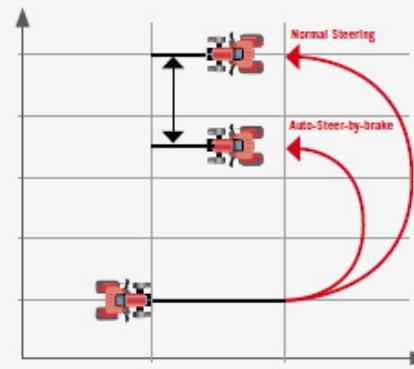
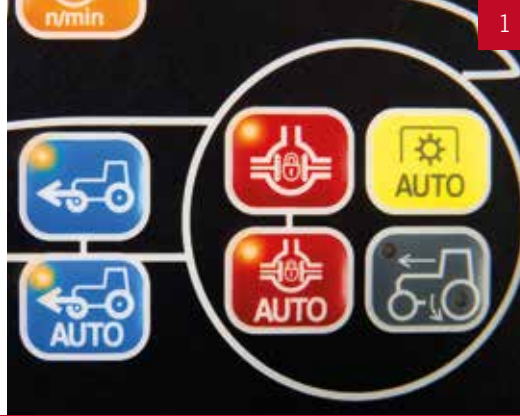




1 4WD and differential lock management.

2 Steer-by-ABS and Auto-Steer-by-brake reduces the tractor turning radius.

3 Front axle suspension works in both directions for more comfort and better traction



# PUTTING THE POWER WHERE IT MATTERS

Maintain agility – working in the field and braking on the road

Puma tractors have a power-to-weight ratio of up to 30 kg/hp, for superb traction with minimal soil disturbance, while Puma CVX remains the only tractor range in its class with the option of ABS braking for both hydraulic and air trailer brake options. Whether in the field or on the road, Puma means peak performance.

Puma automatic 4WD and differential lock systems can be automatically switched on and off where necessary, to combine minimal wheel slippage with maximum ground protection. The standard Ride Control system minimises pitching movements when transporting heavy mounted implements.

Optional front axle suspension increases comfort, improves handling and counteracts tractor pitching caused by heavy rear-mounted implements. A sophisticated damping system provides maximum stability and offers automatic,

load-dependent self-levelling. Where front axle suspension is specified, an 'active' system is used in the Puma 185 and above, with sensors monitoring various parameters such as acceleration, gear changing, brake actuation, terrain, travel direction change and hitch load. The result is excellent driving stability and comfort.

On Puma 185 CVX models and upwards equipped with optional ABS braking, high-sensitivity sensors monitor wheel speeds and transfer this information to the ABS system, to control the braking action regardless of the driver's impact on the brake pedals, for full safety, stability and manoeuvrability. The system is enhanced by 'Steer-by-ABS' which prevents a braked wheel from locking, and 'Auto-Steer-by-Brake', which significantly reduces the turning

**THE PUMA. EXCELLENT SAFETY AND STABILITY.**

## ADVANTAGES

- 4WD and differential lock management
- Turning radius of just 5.45 m (140-175hp) or 6.1 m (185-240 hp)
- Front axle offers excellent straight-ahead performance and more precise and lighter steering action
- Front axle suspension with double accumulator control system delivers consistent suspension performance
- ABS Anti-Lock Braking System to stop quickly and confidently (Puma 185 - 240 CVX)
- Auto-Steer-by-brake (ABS advanced)



# KEEP THE CORRECT COURSE

Case IH Advanced Farming Systems (AFS™) for ultimate accuracy





With Puma Multicontroller and Puma CVX, you get something extra. Not just the best operating controls and transmission in the business, but the technology Case IH makes available with them – technology such as Case IH Advanced Farming System (AFS™), full ISOBUS compatibility and the HMC II headland management system. With AFS™, you have the technology at your fingertips to help optimise your operating

costs, while at the same time making every hour in the field a more pleasurable experience. And with the AFS Pro 700 touchscreen monitor, you get full ISOBUS compatibility into the bargain. With Puma, there is no compromise.

**THE PUMA. MAXIMUM PROFITABILITY.**



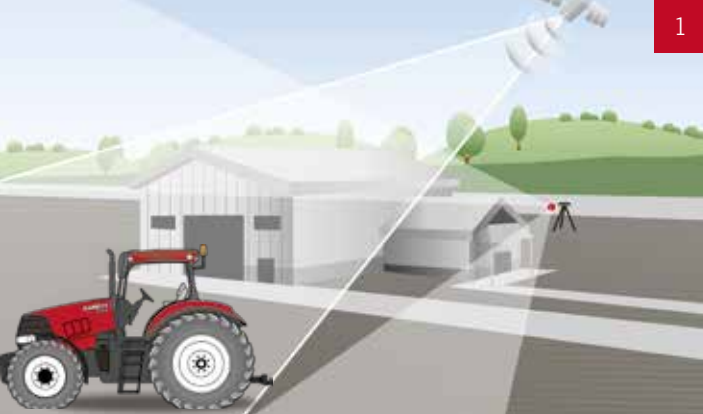


**AFSSUPPORTCENTER**

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1



2



3

# FOR EFFICIENT PRODUCTION

Case IH Advanced Farming Systems (AFS):  
get more from every input

Case IH Advanced Farming Systems (AFS™) have been at the forefront of precision farming for more than a decade. Case IH AFS tools include everything you need to achieve repeatable accuracy, reduce overlaps, cut input costs and maximise your profitability.

Puma X, Puma Multicontroller and Puma CVX tractors are available „AFS™ Accuguideready“ and fitted with an AFS Pro 700™ touchscreen monitor. This means that your dealer can pre-install a fully automatic, integrated GPS/GLONASS guidance system to give you industry-leading precision in the field. Add a local RTK+ signal station and it points you directly to 2.5 cm pass-on-pass accuracy. Don't worry about line-of-sight signal reception; our software features the xFill app that

bridges the RTK+ system for up to 20 minutes so the AFS system keeps its sense of direction even in the shadow of buildings etc.

The optional Case IH AFS Connect™ telematics system allows farm owners and managers to monitor and manage their machinery from the farm office. They can track machines in real time on the farm computer to observe how the machines are performing through the use of precision guidance GPS signals and wireless data networks. Analysing the data it provides helps to improve logistics, minimise fuel consumption and maximise performance.

**THE PUMA. MAXIMUM PRECISION.**

**1 xFill bridges RTK+ signal gaps of up to 20 minutes**

**2 AFS AccuGuide: GPS and GLONASS based guidance**

**3 Monitor and manage your machines with AFS Connect™ Telematics**

## ADVANTAGES

- Range of signal accuracies available
- Receivers use both GPS and GLONASS signals
- Low cost RTX signal solution
- Optional high accuracy RTK+ signal with accuracy levels down to 2.5 cm
- Integrated AccuGuide auto-guidance for Puma X, Puma Multicontroller and Puma CVX
- xFill bridges RTK+ signal gaps of up to 20 minutes
- AFS Connect telematics provides machine tracking and performance data



- 1 Individually configure the lever to the remote valve
- 2 Performance monitoring
- 3 Monitor your equipment with video cameras

# SIMPLIFY YOUR OPERATION

Comprehensive coverage, yet simple to comprehend

Specify a Multicontroller or CVX version of the Puma, and you can benefit from the full capabilities of the Case IH AFS Pro 700™ touchscreen monitor, providing complete in-flight productivity management. Integrated into the driver's seat armrest, this touchscreen monitor gives the driver complete control over all the tractor's automated function sequences while providing on-the-move feedback on running costs and yield.

It is easy to set up the tractor using the intuitive AFS Pro 700™ software to communicate directly with the relevant AFS auto-guidance system and synchronise systems with other ISOBUS-compatible machinery. You can also programme and adjust hydraulic flowrates and timers, memorise standardised headland sequences and connect rear-view video cameras.

Once everything is set up, two key features that drivers will be using in the field are the AFS guidance tools and the implement screens, which are displayed automatically on the monitor as soon as front and rear ISOBUS-compatible machines are connected. Now you have full control over the machinery, including time and distance based headland management features, using the touchscreen.

The monitor also provides feedback on productivity and fuel consumption, which you can transmit automatically to your farm PC or save to an external USB drive. The Puma Multicontroller and Puma CVX is your go-to productivity professional.

## THE PUMA. PRECISION CONTROL.

### ADVANTAGES

- Intuitive AFS Pro 700™ touchscreen
- Improved productivity with up-to-the-minute information
- Split screen compatible for those who like to install a second AFS Pro 700 monitor on the baler bar
- AccuTurn™: automatic turning
- Individually configure remote valves on the Multicontroller lever
- Keep an eye on areas which you can't see from the driver seat with optional video cameras
- Get instant messages from AFS Connect™.

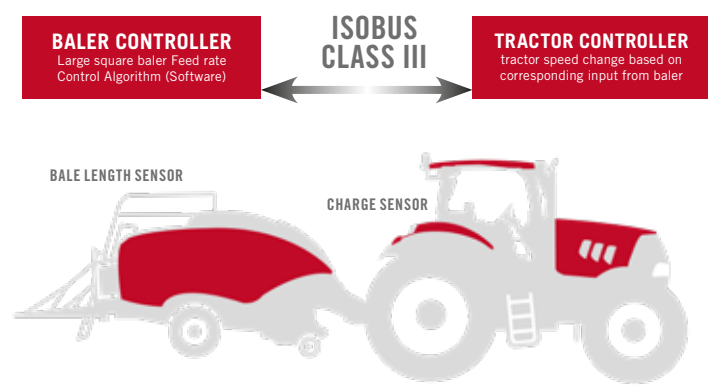
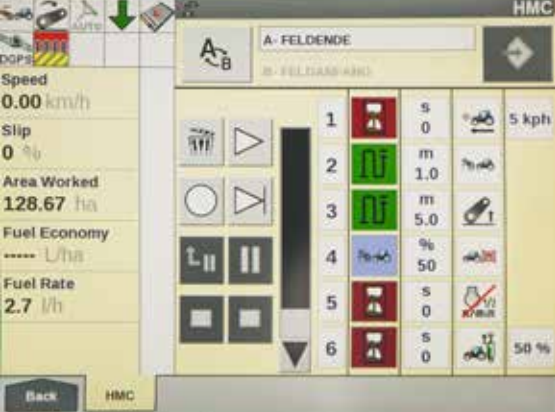












# TECHNOLOGY TO BOOST YOUR BUSINESS

Headland Management Control II and AccuTurn plus integrated ISOBUS compatibility.

Puma Multicontroller and Puma CVX models both feature Headland Management Control II, which is designed to assist the driver when turning at the headland. Each step can be programmed either by time or distance travelled. In addition, certain triggers for various other automated functions can be set, such as lowering the engine speed after lifting the implement. A headland sequence can be taken while driving or programmed on the stand. Playback of the headland sequence can be automatically or manually run, and can be accessed via the Multicontroller, the AFS Pro 700™ monitor or the ICP (Intregrated Control Panel) on the armrest.

In contrast to ISOBUS I and II, where the AFS Pro 700™ monitor indicates settings of the implement and controls

implements with ISOBUS II, with ISOBUS III is it possible for the implement to control the Puma CVX.

The Puma CVX will automatically adjust forward speed, steering (option), hitch position and PTO speed, as well as operating remote valves depending on the implement. The result is optimum efficiency of the implement and tractor.

And now, with new AFS AccuTurn technology, headland management and steering processes are combined, automating the entire headland operation, calculating the optimum turning path and speed and controlling the implement, for even greater efficiency and comfort.

## THE PUMA. OPTIMAL AUTOMATISATION.

## ADVANTAGES

- Headland Management Control II automates workflows for less driver fatigue and higher productivity.
- ISOBUS II Watch and control implement settings with the AFS Pro 700™ monitor.
- ISOBUS III for best efficiency; the attached implement controls, for example, tractor speed, steering (option), hitch raise/lower and PTO speed.
- AccuTurn combines automatic steering and headland turning functions for complete automation.







REDUCE THE CONSUMPTION OF RESOURCES BY MOVING FROM FOSSIL FUELS TO A **A RENEWABLE ENERGY SYSTEM**



INCREASE AGRICULTURAL PRODUCTIVITY TO **IMPROVE FOOD AVAILABILITY**



REDUCE **ENVIRONMENTAL IMPACT** AND OPTIMIZE **ENERGY CONSUMPTION** IN ALL COMPANY PROCESSES



INCREASE OPPORTUNITIES FOR EXCHANGING **IDEAS** AND **GOOD PRACTICES** WITH ALL **STAKEHOLDERS**

# SUSTAINABILITY

It's part of everything we do

Case IH is part of CNH Industrial, one of the world's largest capital goods companies. It has a firm focus on its environmental responsibilities, and has been a seven-time leader in the Dow Jones Sustainability Index. Within the CNH Industrial group:

- 91% of waste is recovered
- 27.5% of water used is recycled and
- 56% of electricity used is from renewable sources.

Being a global leader in capital goods carries great responsibilities, which means that we must be accountable for every global activity we perform. Our responsibility does not stop at the factory gate, and we have made great efforts to be proactive when it comes to the broader global issues surrounding sustainability.

Over the years, our work in research and development has been geared towards ensuring that our products continue to achieve increasingly high standards in terms of safety and eco-compatibility.

Rather than limiting customers to a choice between low operating costs and eco-efficiency, our strategy is to offer products that deliver both.

By providing innovative products and solutions that abide by environmentally responsible operating practices, Case IH is doing its part to address global issues such as climate change. Today's companies face complex and interconnected challenges that demand an ever-evolving approach to sustainability, a scenario that Case IH believes is an important driver in creating long-term value for all its stakeholders, which is a core objective of the brand.

At Case IH, our engineers are focused on producing machines that not only work on the land, but work with it too.

**CASE IH. ALWAYS FUTURE-FOCUSED.**

## THE SUSTAINABILITY GROWTH DRIVERS ARE:

- Necessity to feed an increasing population
- Importance of soil protection for future generations
- Growing sustainable farming solutions
- Increasing public awareness
- Fostering people engagement



# KEEP FARMING

Servicing made simple

We know that in this business time is critical and the less time you need to spend on servicing the better. Daily checks and routine maintenance on the Case IH Puma series are straightforward and convenient. Simply perform your standard checks and your Maxxum is ready for action.

We have designed Maxxum tractors for extended 600-hour service intervals to keep your maintenance costs down and keep you farming.

**THE PUMA SERIES. EASY TO SERVICE.**

## ADVANTAGES

- 600-hour maintenance intervals for engine and 1,200 hours for transmission and hydraulics
- No particle filter service needed due to high efficiency eSCR exhaust gas treatment
- Easy access for fast daily checks
- Up to 390 litres fuel tank capacity and 48 litres AdBlue tank for a long working day











# BE A FARMER, WE TAKE CARE OF THE REST.

## ServiceTeam

The Case IH **SERVICETEAM**, a strong dealer network backed up by local Case IH market teams, industry leading Case IH supporting tools, modern training methods, best in class spare parts support and logistics performance providing Case IH customers with an excellent all-encompassing after-sales service, keeping customers farming!

TECHNICAL SUPPORT | SERVICE | PARTS | MAXSERVICE | SERVICEFINANCE

### GENUINEPARTS

**WE KEEP YOUR EQUIPMENT RUNNING.**

Your local Case IH dealer and our dedicated 24/7 parts call centre technicians and their logistic colleagues are all part of the Case IH ServiceTeam network. They're highly trained to give you expert advice and solve problems, ensuring the correct, genuine Case IH parts are located and dispatched right away, reaching you next day or sooner to keep your machine in top condition.

### MAXSERVICE

**AROUND THE CLOCK. AROUND THE COUNTRY.**

When you're working around the clock, MaxService ensures you're never alone. It's a dedicated helpline that connects you to the Case IH ServiceTeam 24/7. Call technicians at your local dealer are ready to assist with technical advice, software solutions and genuine parts ordering. . At peak season, we can keep you farming with breakdown assistance.

**SAFEGUARD**  
GOLD

**SAFEGUARD**  
SILVER

**SAFEGUARD**  
BRONZE

**SAFEGUARD GOLD, SILVER OR BRONZE, IS AN EXTENDED WARRANTY SERVICE PACKAGE.**

Specifically tailored around you and your machinery, it can include maintenance contracts, servicing, telematics, insurance and Case IH finance packages. Most importantly, it provides peace of mind, mechanical coverage and makes the cost of ownership clear and easy to manage.



**AN OPTIMAL FINANCING SOLUTION FOR EVERY INVESTMENT.**

CNH Industrial Capital is the financing company for Case IH. Our employees are financial experts and have many years of experience in agriculture. We do not only know about Case IH products and the market, we also understand the individual requirements of your operations. Therefore we are always able to offer you a financial solution for your new investments that is tailored specifically to your operational requirements. Our most important goal is improving the profitability of your investments!



Every Case IH Puma tractor 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 our engineers and production workers, as well as state-of-the-art assembly lines to produce tractors ranging from 99 to 300 hp with the highest quality and precision.

Ninety percent of tractors produced here are exported, carrying our culture of excellence around the world. The CNH Industrial tractor plant in St. Valentin, Austria, performs impressively in the annual World Class

Manufacturing (WCM) audit, a success that is 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 quality controls, follow strict regulations that go far beyond recognised industry standards. Our clear focus is to deliver machines that are ideal for leading farming businesses and contractors.





# AT A GLANCE

Puma CVX, Puma Multicontroller and Puma X

	1	Puma CVX		2	Puma Multicontroller		3	Puma X
		150 - 175	185 - 240		150 - 165	185 - 220		
Semi-Powershift		-			●	-		●
Full Powershift		-			○	●		-
Continuously Variable transmission		●			-			-
Mechanical remote valves		○	-		●	○		●
Electrical remote valves		●			○	●		-
110 l/min CCLS pump		-			●	-		●
120 l/min / 150 l/min CCLS pump		-			-	●/○		-
140 l/min / 160 l/min CCLS pump		●/○	-		-			-
150 l/min / 170 l/min CCLS pump		-	●/○		-			-
Cab with low roof / standard roof		-/●			-/●			●/○
Standard fabric seat with air suspension		●			●			●
Deluxe fabric seat - Dual motion		○			○			○
Deluxe leather seat - Dual motion		○			○			○
Active leather seat - Dual Motion		○			○			○
Multicontroller armrest		●			●			-
AFS AccuGuide		○			○			○
Headland Management Control II (HMC II)		●			●			-
ISOBUS III		●			●			-

- Standard Equipment
- Optional Equipment
- Not available

MODELS	PUMA 150 CVX	PUMA 165 CVX	PUMA 175 CVX	PUMA 185 CVX	PUMA 200 CVX	PUMA 220 CVX	PUMA 240 CVX
<b>ENGINE</b>							
	FPT						
Number of cylinders / Capacity (cm <sup>3</sup> )	6 / 6,700						
Type / Emission level	Common Rail Diesel engine, turbocharger and Hi-eSCR only exhaust after treatment / Stage IV						
Maximum power ECE R120 <sup>1)</sup> Power Management <sup>2)</sup> (kW/hp(CV))	140 / 190	154 / 209	165 / 224	166 / 225	180 / 245	192 / 260	199 / 270
Maximum power ECE R120 <sup>1)</sup> (kW/hp(CV))	121 / 165	132 / 180	147 / 200	147 / 200	162 / 220	177 / 240	192 / 260
... at engine speed (rpm)	1,800						
Rated power ECE R120 <sup>1)</sup> Power Management <sup>2)</sup> (kW/hp(CV))	129 / 175	140 / 190	151 / 205	151 / 205	165 / 225	177 / 240	192 / 260
Rated power ECE R120 <sup>1)</sup> (kW/hp(CV))	110 / 150	121 / 165	132 / 180	132 / 180	147 / 200	162 / 220	177 / 240
... at engine speed (rpm)	2,200						
Maximum torque Power Management <sup>2)</sup> (Nm @ 1,500 rpm)	805	875	940	940	1,035	1,100	1,160
Maximum torque (Nm @ 1,500 rpm)	700	770	840	840	930	1,000	1,100
Torque rise standard / Power Management <sup>2)</sup> (%)	46 / 44	46 / 44	46 / 44	46 / 44	46 / 44	42 / 44	44 / 40
Fuel tank, diesel / urea (litres)	330 / 48			390 / 48			
<b>TRANSMISSION</b>							
Continuously variable transmission 50kph or 40kph ECO	●						
Powershuttle	●						
Rear axle diff-lock type	Multi disc wet plate with management system						
Service brake	Hydraulically operated multiple wet disc brake, self adjusting						
<b>POWER TAKE OFF</b>							
Type	Shiftable with progressive electro-hydraulic engagement. Auto-PTO optional						
Speeds Standard (Option)	540 / 540E / 1,000 (540E / 1,000 / 1,000E) both with optional ground drive			540 / 540E / 1,000 / 1,000E (540E / 1,000 or 1,000 / 1,000E)			
... at engine speeds Standard (Option) (rpm)	1,969 / 1,546 / 1,893 (1,592 / 1,893 / 1,621)			1,931 / 1,598 / 1,912 / 1,583 (1,569 / 1,893 or 1,893 / 1,700)			
Shaft type Standard (Option)	1 3/8" 21 splines (1 3/8" 6 splines or 1 3/4" 20 splines)			1 3/8" 21 splines (1 3/8" 6 splines or 1 3/4" 20 splines)			
<b>FRONT PTO AND FRONT HITCH</b>							
Front PTO 1,000 speed @ engine rpm	1,895			1,833			
Front hitch OECD lift capacity through range @ 610 mm (kg)	3,571			3,732			
<b>FOUR-WHEEL DRIVE AND STEERING (DRIVELINE)</b>							
Type	Electro-hydraulic with management system, differential lock as standard						
Front axle suspension	○			○ / Active			
ABS Anti-lock braking system	-			○			
Min. turning radius <sup>3)</sup> track setting 1,829mm (m)	5.45			6.1			
<b>HYDRAULIC SYSTEM</b>							
System type	Variable displacement, pressure flow compensated pump						
Max. pump flow rate Standard (Option) (l/min) / System pressure (bar)	140 (160) / 210			150 (170) / 210			
Control type	Electronic Hitch Control (EHC) with cushion ride control						
Max. lift capacity (kg)	8,257			10,463			
OECD lift capacity through range @ 610 mm (kg)	6,616			7,280			
Max. number of rear remote valves	4 mechanical or 5 electrical			5 electrical			
Max. number of mid mount valves with electronic joystick	3 electr.			3 electr.			
Remote valve timer control	1 - 60 seconds on all models			1 - 60 seconds on all models			
Category type	Cat II / III			Cat III			
Slip control	○			○			
<b>STANDARD TYRES <sup>4)</sup></b>							
Front	480/70 R28			600/65 R28			
Rear	580/70 R38			650/65 R42			



MODELS	PUMA 150 MULTICONTROLLER	PUMA 165 MULTICONTROLLER	PUMA 185 MULTICONTROLLER	PUMA 200 MULTICONTROLLER	PUMA 220 MULTICONTROLLER
<b>ENGINE</b>					
Number of cylinders / Capacity (cm <sup>3</sup> )	6 / 6,700				
Type / Emission level	Common Rail Diesel engine, turbocharger and Hi-eSCR only exhaust after treatment / Stage IV				
Maximum power ECE R120 <sup>1)</sup> Power Management <sup>2)</sup> (kW/hp(CV))	140 / 190	154 / 209	166 / 225	180 / 245	192 / 260
Maximum power ECE R120 <sup>1)</sup> (kW/hp(CV))	121 / 165	132 / 180	147 / 200	162 / 220	177 / 240
... at engine speed (rpm)	1,800				
Rated power ECE R120 <sup>1)</sup> Power Management <sup>2)</sup> (kW/hp(CV))	129 / 175	140 / 190	151 / 205	165 / 225	177 / 240
Rated power ECE R120 <sup>1)</sup> (kW/hp(CV))	110 / 150	121 / 165	132 / 180	147 / 200	162 / 220
... at engine speed (rpm)	2,200				
Maximum torque Power Management <sup>2)</sup> (Nm @ 1,500 rpm)	805	875	940	1,035	1,100
Maximum torque (Nm @ 1,500 rpm)	700	770	840	930	1,000
Torque rise standard / Power Management <sup>2)</sup> (%)	46 / 44	46 / 44	46 / 44	46 / 44	42 / 44
Fuel tank, diesel / urea (litres)	330 / 48		390 / 48		
<b>TRANSMISSION</b>					
18x6 Semi- / Full Powershift 40 kph	○ / ●		- / ●		
19x6 Semi- / Full Powershift Economy 40 kph @ reduced rpm	○ / ○		- / ○		
19x6 Semi- / Full Powershift 50 kph	○ / ○		- / ○		
Powershuttle	●		●		
Creeper	○		○		
Rear axle diff-lock type	Multi disc wet plate with management system				
Service brake	Hydraulically operated multiple wet disc brake, self adjusting				
<b>POWER TAKE OFF</b>					
Type	Shiftable with progressive electro-hydraulic engagement. Auto-PTO optional				
Speeds Standard (Option)	540 / 540E / 1,000 (540E / 1,000 / 1,000E) both with optional ground drive		540 / 540E / 1,000 / 1,000E (540E / 1,000 or 1,000 / 1,000E)		
... at engine speeds Standard (Option) (rpm)	1,969 / 1,546 / 1,893 (1,592 / 1,893 / 1,621)		1,931 / 1,598 / 1,912 / 1,583 (1,569 / 1,893 or 1,893 / 1,700)		
Shaft type Standard (Option)	1 3/8" 21 splines (1 3/8" 6 splines or 1 3/4" 20 splines)		1 3/8" 21 splines (1 3/8" 6 splines or 1 3/4" 20 splines)		
<b>FRONT PTO AND FRONT HITCH</b>					
Front PTO 1,000 speed @ engine rpm	1,895		1,833		
Front hitch OECD lift capacity through range @ 610 mm (kg)	3,571		3,732		
<b>FOUR-WHEEL DRIVE AND STEERING (DRIVELINE)</b>					
Type	Electro-hydraulic with management system, differential lock as standard				
Front axle suspension	○		○ / Active		
Min. turning radius <sup>3)</sup> track setting 1,829 mm (m)	5.45		6.1		
<b>HYDRAULIC SYSTEM</b>					
System type	Variable displacement, pressure flow compensated pump				
Max. pump flow rate Standard (Option) (l/min) / System pressure (bar)	110 (-) / 210		120 (150) / 210		
Control type	Electronic Hitch Control (EHC) with cushion ride control				
Max. lift capacity (kg)	8,257		10,463		
OECD lift capacity through range @ 610 mm (kg)	6,616		7,280		
Max. number of rear remote valves	4 mechanical or 5 electronical		4 mechanical or 5 electronical		
Max. number of mid mount valves with electronic joystick	3 electr.		3 electr.		
Remote valve timer control	1 - 60 seconds on all models		1 - 60 seconds on all models		
Category type	Cat II / III		Cat III		
Slip control	○		○		
<b>STANDARD TYRES <sup>4)</sup></b>					
Front	480/70 R28		600/65 R28		
Rear	580/70 R38		650/65 R42		

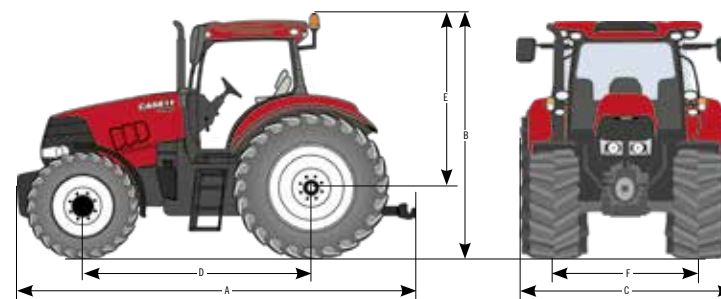
MODELS	PUMA 140 X	PUMA 150 X	PUMA 165 X
<b>ENGINE</b>			
Number of cylinders / Capacity (cm <sup>3</sup> )	6 / 6,700		
Type / Emission level	Common Rail Diesel engine, turbocharger and Hi-eSCR only exhaust after treatment / Stage IV		
Maximum power ECE R120 <sup>1)</sup> Power Management <sup>2)</sup> (kW/hp(CV))	129 / 175	140 / 190	154 / 209
Maximum power ECE R120 <sup>1)</sup> (kW/hp(CV))	114 / 155	121 / 165	132 / 180
... at engine speed (rpm)	1,800		
Rated power ECE R120 <sup>1)</sup> Power Management <sup>2)</sup> (kW/hp(CV))	118 / 160	129 / 175	140 / 190
Rated power ECE R120 <sup>1)</sup> (kW/hp(CV))	103 / 140	110 / 150	121 / 165
... at engine speed (rpm)	2,200		
Maximum torque Power Management <sup>2)</sup> (Nm @ 1,500 rpm)	750	805	875
Maximum torque (Nm @ 1,500 rpm)	655	700	770
Torque rise standard / Power Management <sup>2)</sup> (%)	47 / 47	46 / 44	46 / 44
Fuel tank, diesel / urea (litres)	330 / 48		
<b>TRANSMISSION</b>			
18x6 Semi-Powershift 40 kph	●		
19x6 Semi-Powershift Economy 40 kph @ reduced rpm	○		
19x6 Semi-Powershift 50 kph	○		
Powershuttle	●		
Creeper	○		
Rear axle diff-lock type	Multi disc wet plate with management system		
Service brake	Hydraulically operated multiple wet disc brake, self adjusting		
<b>POWER TAKE OFF</b>			
Type	Shiftable with progressive electro-hydraulic engagement. Auto-PTO optional		
Speeds Standard (Option)	540 / 540E / 1,000 (540E / 1,000 / 1,000E) both with optional ground drive		
... at engine speeds Standard (Option) (rpm)	1,969 / 1,546 / 1,893 (1,592 / 1,893 / 1,621)		
Shaft type Standard (Option)	1 3/8" 21 splines (1 3/8" 6 splines or 1 3/4" 20 splines)		
<b>FRONT PTO AND FRONT HITCH</b>			
Front PTO 1,000 speed @ engine rpm	1,895		
Front hitch OECD lift capacity through range @ 610 mm (kg)	3,571		
<b>FOUR-WHEEL DRIVE AND STEERING (DRIVELINE)</b>			
Type	Electro-hydraulic with management system, differential lock as standard		
Front axle suspension	○		
Min. turning radius <sup>3)</sup> track setting 1,829mm (m)	5.45		
<b>HYDRAULIC SYSTEM</b>			
System type	Variable displacement, pressure flow compensated pump		
Max. pump flow rate Standard (Option) (l/min) / System pressure (bar)	110 (-) / 210		
Control type	Electronic Hitch Control (EHC) with cushion ride control		
Max. lift capacity (kg)	8,257		
OECD lift capacity through range @ 610 mm (kg)	6,616		
Max. number of rear remote valves	4 mechanical		
Max. number of mid mount valves with electronic joystick	3 electr.		
Category type	Cat II / III		
Slip control	○		
<b>STANDARD TYRES <sup>4)</sup></b>			
Front	480/70 R28		
Rear	580/70 R38		



MODELS	PUMA 150 CVX	PUMA 165 CVX	PUMA 175 CVX	PUMA 185 CVX	PUMA 200 CVX	PUMA 220 CVX	PUMA 240 CVX
<b>WEIGHT / DIMENSIONS <sup>3)</sup></b>							
Approximate shipping weight standard / suspended front axle (kg)	6,480 / 6,782			6,950 / 7,300			
Permissible total weight (kg)	11,500			14,000			
A: Max. length with front and rear lower links down standard / suspended front axle (mm)	5,240 / 5,316			5,467 / 5,467			
B: Total height (mm)	3,026			3,068			
C: Minimum width across rear fenders (narrow / wide type fender) (mm)	2,060 / 2,476			2,060 / 2,476			
D: Wheel base standard / suspended front axle (mm)	2,734 / 2,789			2,884 / 2,884			
E: Height at centre of rear axle, highest point cab (mm)	2,210			2,210			
F: Track setting front / rear (mm)	1,325-2,285 / 1,430-2,230			1,538-2,260 / 1,530-2,230			

MODELS	PUMA 150 MULTICONTROLLER	PUMA 165 MULTICONTROLLER	PUMA 185 MULTICONTROLLER	PUMA 200 MULTICONTROLLER	PUMA 220 MULTICONTROLLER
<b>WEIGHT / DIMENSIONS <sup>3)</sup></b>					
Approximate shipping weight standard / suspended front axle (kg)	6,480 / 6,782		6,950 / 7,300		
Permissible total weight (kg)	10,500		13,650		
A: Max. length with front and rear lower links down standard / suspended front axle (mm)	5,240 / 5,316		5,467 / 5,467		
B: Total height (mm)	3,026		3,068		
C: Minimum width across rear fenders (narrow / wide type fender) (mm)	2,060 / 2,476		2,060 / 2,476		
D: Wheel base standard / suspended front axle (mm)	2,734 / 2,789		2,884 / 2,884		
E: Height at centre of rear axle, highest point cab (mm)	2,210		2,210		
F: Track setting front / rear (mm)	1,325-2,285 / 1,430-2,230		1,538-2,260 / 1,530-2,230		

MODELS	PUMA 140 X	PUMA 150 X	PUMA 165 X
<b>WEIGHT / DIMENSIONS <sup>3)</sup></b>			
Approximate shipping weight standard / suspended front axle (kg)	6,480 / 6,782		
Permissible total weight (kg)	10,500		
A: Max. length with front and rear lower links down standard / suspended front axle (mm)	5,240 / 5,316		
B: Total height (low roof / standard cab) (mm)	2,914 / 3,026		
C: Minimum width across rear fenders (narrow / wide type fender) (mm)	2,060 / 2,476		
D: Wheel base standard / suspended front axle (mm)	2,734 / 2,789		
E: Height at centre of rear axle, highest point low roof / standard cab (mm)	2,098 / 2,210		
F: Track setting front / rear (mm)	1,325-2,285 / 1,430-2,230		



● Standard Equipment ○ Optional Equipment - Not available


<sup>1)</sup> ECE R120 correspond to ISO 14396 and 97 / 68 / EC

<sup>2)</sup> Power Management is only available during hydraulic, mobile PTO and haulage applications

<sup>3)</sup> With standard tyres <sup>4)</sup> Other tyres on request

**CNH Industrial Österreich GmbH**  
**Steyrer Straße 32, A-4300 St. Valentin – Austria**

Free phone: 00 800 22 73 44 00

 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.

