







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 ¹⁾ @ 2,200 rpm (kW/hp(CV))	Maximum power ECE R120 ¹⁾ with Power Management ²⁾ @ 1,800 – 1,900 rpm (kW/hp(CV))	Max. pump flow rate Standard (Optional) (I/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

¹⁾ ECE R120 correspond to ISO 14396 and 97 / 68 / EC ²⁾ 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

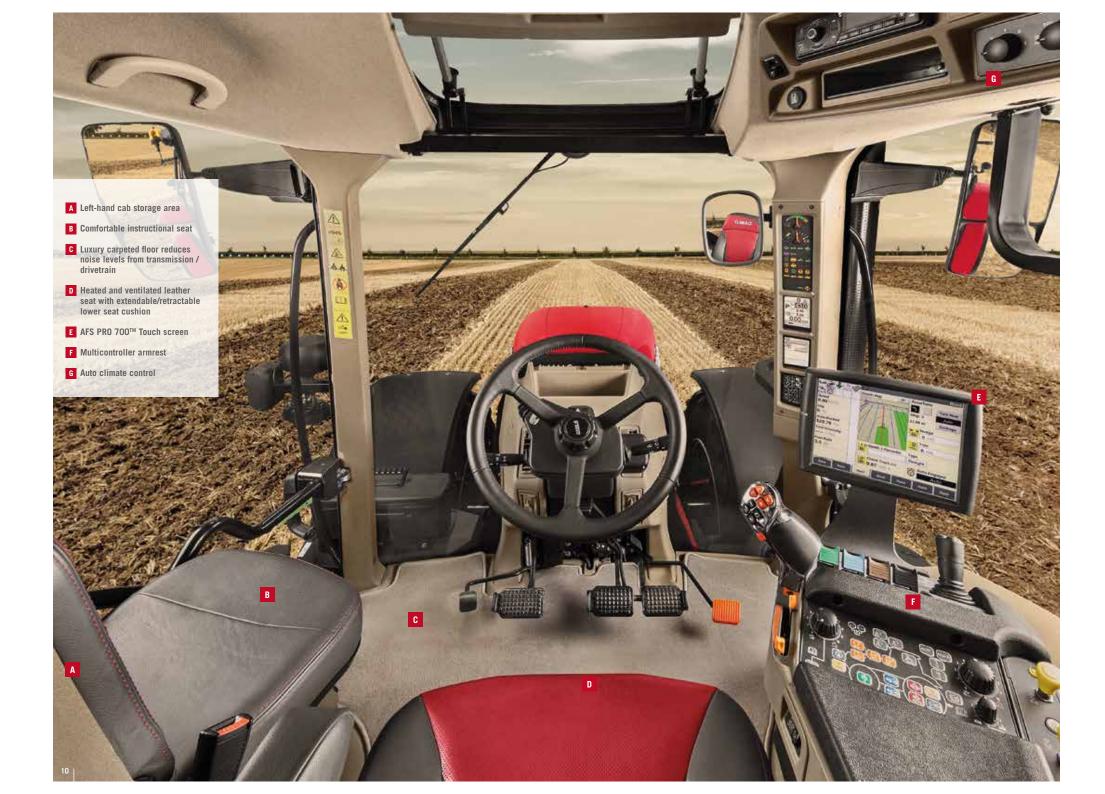
The suspended front axle (optional) ensures smooth travel and improved operating comfort. If you frequently travel on roads, the ABS system, which is also available as an option on CVX models, provides a clear benefit when it comes to safety – a benefit only offered by one series tractor in this class: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









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 industryexclusive 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.

- 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



Α

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 700TM 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.











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 visibilty 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.

- 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

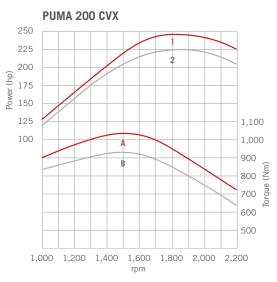


Puma tractors are built around the latest generation Stage IV-compliant FPT engines, forming the heart of a powertrain that's built to take high-output hard work in its stride. Durable, frugal, reliable and hard-working, these are powerplants which keep on giving, in hp, in torque and in dependability. 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.

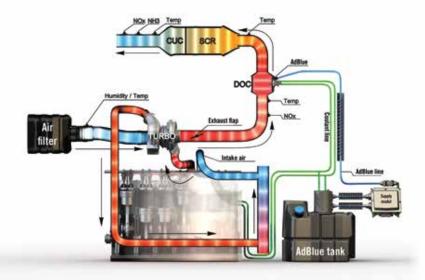
All Puma CVX models benefit from Automatic Productivity Management (APM), a system which helps cut fuel consumption by adjusting the engine speed, CVX transmission to keep PTO speed constant with the Multicontroller and travel pedal. The result is the best possible balance of fuel efficiency and power. 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.

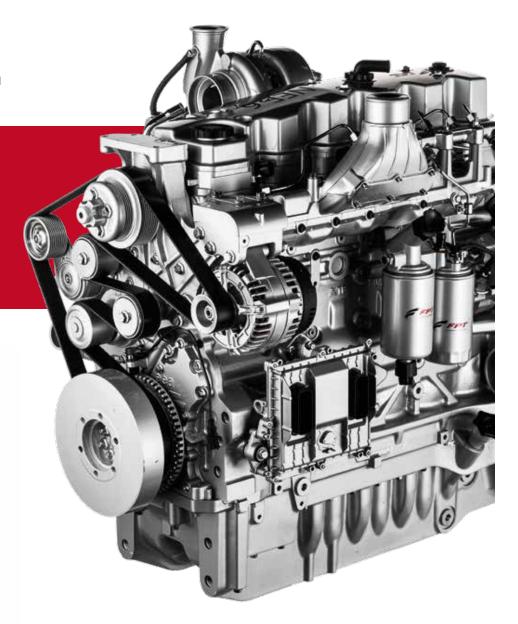
THE PUMA. NOTICEABLE PROGRESS.



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

- 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.











CVX STANDS FOR EFFICIENCY

The definition of continously-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.

- Continuously variable transmission with 0-50 km/h ECO capability and fully-automatic range change under full draft load
- Ultra-efficient DKTTM 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

- 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
- 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 I/min on PUMA X models, 150 I/min on Puma Multicontroller and 170 I/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 electronical 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 electronical mid-mount valves.

Models from the Puma 185 Multicontroller and Puma 185 CVX upward can be fitted with five electronical control units at the rear and three electronical 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.

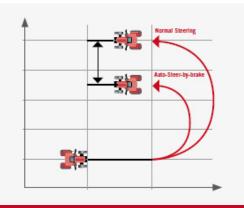
- Rear lift capacity of up to 10,463 kg
- Optional 3,785 kg front lift capacity
- 4 mechanical or 5 electronical remote valves on Puma Multicontroller and Puma CVX models from 150 to 175 hp
- 5 electronical rear and 3 electronical mid mount remote valves on Puma 185 upwards
- Electronic Hitch Control 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.

- 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 (AFSTM), full ISOBUS compatibility and the HMC II headland management system. With AFSTM, 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.





FOR EFFICIENT PRODUCTION

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

- 1 xFill bridges RTK+ signal gaps of up to 20 minutes
- 2 AFS AccuGuide: GPS and GLONASS based guidance
- Monitor and manage your machines with AFS Connect™ Telematics

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.

- 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



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.

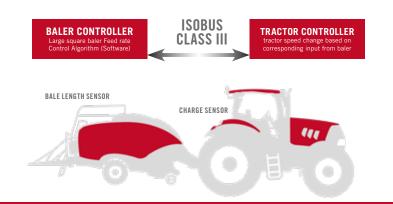
THE PUMA. PRECISION CONTROL.

- Intuitive AFS Pro 700[™] touch screen
- 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.

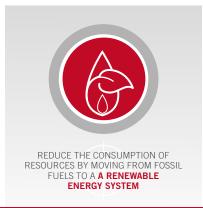
And now, with new AFS AccuTurn technology, headland management and steering processes are combined, automating the entire headland operation, calculating the optimum turning path and speed and controlling the implement, for even greater efficiency and comfort.

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.











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 I SERVICE I PARTS I MAXSERVICE I 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

SAFEGUARD

SAFEGUARD

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 2 Multicontroller		3	Puma X
		150 - 175	185 - 240		150 - 165	185 - 220		140 - 165
Semi-Powershift			-		•	-		•
Full Powershift		-			•		_	
Continuously Variable transmission			•			_		-
Mechanical remote valves		0	-		•	0		•
Electrical remote valves			•		0	•		-
110 I/min CCLS pump			-		•	_		•
120 I/min / 150 I/min CCLS pump			-		_	•/0		-
140 I/min / 160 I/min CCLS pump		•/0 -		_		_		
150 I/min / 170 I/min CCLS pump		-	•/0	_		-		
Cab with low roof / standard roof		-	/ ●	-/•			• / 0	
Standard fabric seat with air suspension			•	•			•	
Deluxe fabric seat - Dual motion			0	0		0		
Deluxe leather seat - Dual motion			0	0		0		
Active leather seat - Dual Motion		0		0		0		
Multicontroller armrest		•		•		-		
AFS AccuGuide		0		0		0		
Headland Management Control II (HMC II)		•		•		-		
ISOBUS III		•		•		-		



MODELS	PUMA 150 CVX	PUMA 165 CVX	PUMA 175 CVX	PUMA 185 CVX	PUMA 200 CVX	PUMA 220 CVX	PUMA 240 CV	
ENGINE				FPT				
Number of cylinders / Capacity (cm³)				6 / 6,700				
Type / Emission level		Com	nmon Rail Diesel engine, turb	ocharger and Hi-eSCR only	exhaust after treatment / St	age IV		
Maximum power ECE R120 1) Power Management ²⁾ (kW/hp(CV))	140 / 190	154 / 209	165 / 224	166 / 225	180 / 245	192 / 260	199 / 270	
Maximum power ECE R120 1) (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 ¹⁾ Power Management ²⁾ (kW/hp(CV))	129 / 175	140 / 190	151 / 205	151 / 205	165 / 225	177 / 240	192 / 260	
Rated power ECE R120 ¹⁾ (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 ²⁾ (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 ²⁾ (%)	46 / 44	46 / 44	46 / 44	46 / 44	46 / 44	42 / 44	44 / 40	
Fuel tank, diesel / urea (litres)		330 / 48			390	0 / 48		
TRANSMISSION								
Continuously variable transmission 50kph or 40kph ECO				•				
Powershuttle				•				
Rear axle diff-lock type			Multi dis	sc wet plate with manageme	nt system			
Service brake			Hydraulically op	erated multiple wet disc bra	ke, self adjusting			
POWER TAKE OFF								
Туре		Shiftable with progressive electro-hydraulic engagement. Auto-PTO optional						
Speeds Standard (Option)	540 / 540E / 1,000 (54	0E / 1,000 / 1,000E) both wi	ith optional ground drive	5-	40 / 540E / 1,000 / 1,000E (540E / 1,000 or 1,000 / 1,000	DE)	
at engine speeds Standard (Option) (rpm)	1,969 /	1,969 / 1,546 / 1,893 (1,592 / 1,893 / 1,621)			931 / 1,598 / 1,912 / 1,583	(1,569 / 1,893 or 1,893 / 1,7	00)	
Shaft type Standard (Option)	1 3/8" 21 spl	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))		
FRONT PTO AND FRONT HITCH								
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		
FOUR-WHEEL DRIVE AND STEERING (DRIVELINE)								
Туре			Electro-hydraulic with	management system, differ	ential lock as standard			
Front axle suspension		0			0/	Active		
ABS Anti-lock braking system		-				0		
Min. turning radius ³⁾ track setting 1,829mm (m)		5.45			(6.1		
HYDRAULIC SYSTEM								
System type			Variable displ	acement, pressure flow com	pensated pump			
Max. pump flow rate Standard (Option) (I/min) / System pressure (bar)		140 (160) / 210			150 (1	70) / 210		
Control type			Electronic Hi	tch Control (EHC) with cushi	on 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	1	1 mechanical or 5 electronic	al	5 electronical				
Max. number of mid mount valves with electronic joystick		3 electr.		3 electr.				
Remote valve timer control		1 - 60 seconds on all model	s	1 - 60 seconds on all models				
Category type		Cat II / III			Cat III			
Slip control		0				0		
STANDARD TYRES 4)								
Front		480/70 R28		600/65 R28				
Rear		580/70 R38			650/	65 R42		

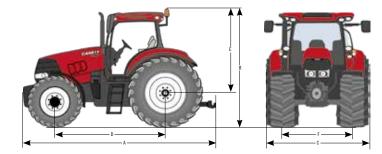
MODELS	PUMA 150 Multicontroller	PUMA 165 Multicontroller	PUMA 185 Multicontroller	PUMA 200 Multicontroller	PUMA 220 Multicontroller	
ENGINE	·		FPT			
Number of cylinders / Capacity (cm³)			6 / 6,700			
Type / Emission level		Common Rail Diesel engine	e, turbocharger and Hi-eSCR only exhau	ist after treatment / Stage IV		
Maximum power ECE R120 ¹⁾ Power Management ²⁾ (kW/hp(CV))	140 / 190	154 / 209	166 / 225	180 / 245	192 / 260	
Maximum power ECE R120 1) (kW/hp(CV))	121 / 165	132 / 180	147 / 200	162 / 220	177 / 240	
at engine speed (rpm)			1,800			
Rated power ECE R120 ¹⁾ Power Management ²⁾ (kW/hp(CV))	129 / 175	140 / 190	151 / 205	165 / 225	177 / 240	
Rated power ECE R120 1) (kW/hp(CV))	110 / 150	121 / 165	132 / 180	147 / 200	162 / 220	
at engine speed (rpm)			2,200			
Maximum torque Power Management ²⁾ (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 ²⁾ (%)	46 / 44	46 / 44	46 / 44	46 / 44	42 / 44	
Fuel tank, diesel / urea (litres)	330) / 48		390 / 48	ı	
TRANSMISSION						
18x6 Semi- / Full Powershift 40 kph	0	/ ●		-/ •		
19x6 Semi- / Full Powershift Economy 40 kph @ reduced rpm		/ 0		-/0		
19x6 Semi- / Full Powershift 50 kph		/ 0		-/0		
Powershuttle		•		•	-	
Creeper				-	0	
Rear axle diff-lock type		Mı	Iti disc wet plate with management sys	stem		
Service brake		Hydraulically operated multiple wet disc brake, self adjusting				
POWER TAKE OFF		riyaraanoo	my operated mattiple wet also brake, se	on adjusting		
Type		Shiftable with pro	gressive electro-hydraulic engagement	· Auto-PTO ontional		
Speeds Standard (Option)	540 / 540F / 1 000 (540F / 1 000 / 1	,000E) both with optional ground drive		E / 1,000 / 1,000E (540E / 1,000 or 1,00	0 / 1 000F)	
at engine speeds Standard (Option) (rpm)	1,969 / 1,546 / 1,893 (1,592 / 1,893 / 1,621)			598 / 1,912 / 1,583 (1,569 / 1,893 or 1,8		
Shaft type Standard (Option)		splines or 1 3/4" 20 splines)		21 splines (1 3/8" 6 splines or 1 3/4" 20		
FRONT PTO AND FRONT HITCH	10/0 21 0011100 (10/0 0	Spinios 61 1 37 1 25 Spinios7	10,0	21 opinios (1 o/o - 5 opinios el 1 o/ 1 - 2	оринооу	
Front PTO 1,000 speed @ engine rpm	1	895		1.833		
Front hitch OECD lift capacity through range @ 610 mm (kg)		571		3,732		
FOUR-WHEEL DRIVE AND STEERING (DRIVELINE)		5/1		3,732		
Type		Flectro-hydrauli	c with management system, differentia	Llock as standard		
Front axle suspension		O Electio-liyuraulii	with management system, unreferria	O / Active		
Min. turning radius ³⁾ track setting 1,829 mm (m)		.45	6.1			
HYDRAULIC SYSTEM	3	.43		0:1		
		Variable	displacement process flow company	atad nump		
System type May pump flow rate Standard (Option) (I/min) / System processes (her)	110 /	-) / 210	displacement, pressure flow compensated pump			
Max. pump flow rate Standard (Option) (I/min) / System pressure (bar)	110 (-		aia Hitab Cantral (EHC) with acceliance	120 (150) / 210		
Control type			nic Hitch Control (EHC) with cushion rid			
Max. lift capacity (kg)		257	10,463			
OECD lift capacity through range @ 610 mm (kg)		616	7,280			
Max. number of rear remote valves		or 5 electronical	4 mechanical or 5 electronical			
Max. number of mid mount valves with electronic joystick		lectr.	3 electr.			
Remote valve timer control		s on all models	1 - 60 seconds on all models			
Category type		/	Cat III			
Slip control		0	0			
STANDARD TYRES 4)						
Front		70 R28	600/65 R28			
Rear	580/	70 R38		650/65 R42		

MODELS	PUMA 140 X	PUMA 150 X	PUMA 165 X			
ENGINE		FPT				
Number of cylinders / Capacity (cm³)		6 / 6,700				
Type / Emission level	Common Rail	Diesel engine, turbocharger and Hi-eSCR only exhaust after treatm	ment / Stage IV			
Maximum power ECE R120 ¹⁾ Power Management ²⁾ (kW/hp(CV))	129 / 175	140 / 190	154 / 209			
Maximum power ECE R120 ¹⁾ (kW/hp(CV))	114 / 155	121 / 165	132 / 180			
at engine speed (rpm)		1,800				
Rated power ECE R120 ¹⁾ Power Management ²⁾ (kW/hp(CV))	118 / 160	129 / 175	140 / 190			
Rated power ECE R120 ¹⁾ (kW/hp(CV))	103 / 140	110 / 150	121 / 165			
at engine speed (rpm)		2,200				
Maximum torque Power Management ²⁾ (Nm @ 1,500 rpm)	750	805	875			
Maximum torque (Nm @ 1,500 rpm)	655	700	770			
orque rise standard / Power Management ²⁾ (%)	47 / 47	46 / 44	46 / 44			
Fuel tank, diesel / urea (litres)		330 / 48				
TRANSMISSION						
18x6 Semi-Powershift 40 kph		•				
19x6 Semi-Powershift Economy 40 kph @ reduced rpm		0				
19x6 Semi-Powershift 50 kph		0				
Powershuttle		•				
Creeper		0				
Rear axle diff-lock type		Multi disc wet plate with management system				
Service brake		Hydraulically operated multiple wet disc brake, self adjusting				
POWER TAKE OFF						
Гуре	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)					
FRONT PTO AND FRONT HITCH						
Front PTO 1,000 speed @ engine rpm	1,895					
Front hitch OECD lift capacity through range @ 610 mm (kg)	3,571					
FOUR-WHEEL DRIVE AND STEERING (DRIVELINE)						
Гуре	Ele	ectro-hydraulic with management system, differential lock as stand	dard			
Front axle suspension		0				
Min. turning radius ³⁾ track setting 1,829mm (m)		5.45				
HYDRAULIC SYSTEM						
System type		Variable displacement, pressure flow compensated pump				
Max. pump flow rate Standard (Option) (I/min) / System pressure (bar)		110 (-) / 210)				
Control type		Electronic Hitch Control (EHC) with cushion ride control				
Max. lift capacity (kg)		8,257				
DECD 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		0				
STANDARD TYRES 4)						
Front		480/70 R28				
Tone	480/70 R28 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	
WEIGHT / DIMENSIONS 3)								
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
WEIGHT / DIMENSIONS 3)					
Approximate shipping weight standard / suspended front axle (kg)	6,480 /	6,782	6,950 / 7,300		
Permissible total weight (kg)	10,5	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)	3,0	26	3,068		
C: Minimum width across rear fenders (narrow / wide type fender) (mm)	2,060 /	2,060 / 2,476			
D: Wheel base standard / suspended front axle (mm)	2,734 /	2,734 / 2,789 2,884 / 2,884		2,884 / 2,884	
E: Height at centre of rear axle, highest point cab (mm)	at centre of rear axle, highest point cab (mm) 2,210 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				
WEIGHT / DIMENSIONS 3)							
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
 For available
 ECE R120 correspond to ISO 14396 and 97 / 68 / EC
 For available

²⁾ Power Management is only available during hydraulic, mobile PTO and haulage applications
³⁾ With standard tyres ⁴⁾ Other tyres on request

