

CASE II
AGRICULTURE

THE HEART OF FARMING BEATS RED

PUMA

150 - 240 TRACTORS





At Case IH, we're proud of our successful history, but we're also focused firmly on the future. Through the brands that make up our heritage, we have supported farming for generations, providing robust, reliable, highly productive and efficient farm equipment, engineered with precision and passion by a team that knows agriculture inside out.

Our commitment will never change, but farming's needs are constantly evolving, so while those characteristics remain at the core of Case IH products, our research and development team never rests on its laurels. That's why Puma tractors, well-established in the market with a reputation for efficiency, ease of operation and premium engineering, have undergone significant updates. It's nothing less than you'd expect from the name behind innovations whose introductions have helped move farming forward. Developments such as Axial-Flow® single-rotor threshing and separation, Quadtrac articulated rubber track tractor technology, and CVT, which led the way in bringing continuously-variable transmissions to the tractor sector.

EFFICIENT POWER

For profitable farming.

Puma has a well-established reputation as a premium product in terms of tractor quality. Built in Austria around proven semi powershift, full powershift or CVT continuously-variable transmissions, and the latest FPT engine technology, Puma retains the high standards set by its predecessors. With six models from 150-240 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.

PUMA: EASY TO OPERATE MORE EFFICIENTLY.

MODELS	Rated power ECE R120 ³⁾ @ 2,200 rpm (kW/hp)	Maximum power ECE R120 ³⁾ Power Management (kW/hp) @ 1800-1900 rpm	Max. pump flow rate FPS / CVT (l/min)	Max. lift capacity [kg]	Wheelbase (mm)
Puma 150, Puma 150 CVT	110 / 150	140 / 190	110/ 160	8,257	2,734
Puma 165, Puma 165 CVT	121 / 165	155 / 210	110 / 160	8,257	2,734
Puma 185, Puma 185 CVT	132 / 180	166 / 225	150 / 170	10,463	2,884
Puma 200, Puma 200 CVT	147 / 200	180 / 245	150 / 170	10,463	2,884
Puma 220, Puma 220 CVT	162 / 220	192 / 260	150 / 170	10,463	2,884
Puma 240 CVT	177 / 240	199 / 270	150 / 170	10,463	2,884

³⁾ECE R120 correspond to ISO 14396 and 2000 / 25 / EC



TOP TECHNOLOGY

For those who demand more.

TRAVEL IN TOTAL COMFORT.

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

INTUITIVE OPERATION PUTS YOU IN CONTROL.

The Multicontroller™ armrest, ICP operator's panel and AFS® Pro 700 touchscreen monitor combines all the key tractor functions. From selecting the ground speed or the industry leading Headland Management Control II, to operating the front and

rear hitch – with the Multicontroller armrest, you have everything under complete control.

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 CVT models is now also available when operating in reverse, benefiting users who regularly use their tractors for reverse-drive applications such as mowing.

FULL POWERSHIFT OR CVT TRANSMISSION - THE CHOICE IS YOURS.

Puma models are fitted with full powershift transmissions as standard and a continuously

variable transmission is used in Puma CVT models. The Active Stop on CVT models holds the tractor on any slope without needing clutch or brake. The DKT™ double-clutch technology ensures smooth travel and a high level of fuel efficiency.

HIGH PERFORMANCE HYDRAULICS.

With an oil delivery rate of up to 150 l/min. (Puma) and 170 l/min. (Puma CVT), the hydraulics on these tractors are designed for heavy-duty work and have a maximum hitch capacity of 10,463 kg on the rear linkage. Eight (150 and 165) or nine (from models 185) remote valves can be connected. The optional front hitch and front power take-off (PTO), will increase your productivity even further.

FEATURES THAT BRING BENEFITS

A new machinery purchase is never a simple decision unless the machine in question is going to bring about a prompt return on investment. Case IH has always recognised this, and that's evident in the improvements made to the latest Puma. These are enhancements designed to give you more where you need it – more comfort, greater fuel efficiency, extra lighting, additional tyre options, better vision. Things that, ultimately, will show up in your bottom line, through higher workrates, faster job completion and lower diesel bills.

ADVANTAGES

- Premium driving comfort and intuitive operation
- Latest lighting technology makes it easier to work at night
- Headland Management Control II to reduce operator fatigue
- Puma CVT supports latest ISOBUS Class III technology

COMFORT, CONTROL AND SAFETY.

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, provides a clear benefit when it comes to safety – a benefit only offered by one series tractor in this class: the Case IH Puma.

PRECISE CONTROL.

With the Case IH AFS systems, you can maximise your efficiency by operating 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 optional integrated AFS Pro 700 monitor allows you to maintain control at all times – for example the HMC II (Headland Management Control II), which makes it easier at each end of the paddock.





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

A

E

F

G



A COMFORTABLE ENVIRONMENT

Quiet and calm for long days.

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 and automatic seat suspension gives you the luxurious ride you would only expect from a high value car. Standard with cab suspension to give a smooth ride on a rough field.

A WORKPLACE WITH A FEEL-GOOD ATMOSPHERE.

The latest Puma tractors take another step forward in refinement. A single-piece front screen now provides an uninterrupted forward view, with no seams between the lower glass either side of the steering column and the main screen itself. 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 three 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 semi-active suspension.

WORK LONGER.

The cab's panoramic view provides excellent visibility all round, while the bonnet has been designed to guarantee a perfect view of all your implements. For those days when you need to carry on working after dark, the LED lighting package will perfectly illuminate the full 360 degrees around the tractor, giving you outstanding visibility of your implements. With 28,800 lumen lighting power, you will be working in clear light conditions – everything you need to do to get the job done efficiently.



INTUITIVE OPERATION

Puts you in control.

We know how busy you and your operators are, so we make sure you don't waste time getting used to a new control layout when you switch tractors: in every Case IH tractor from a Maxxum CVT to a Quadtrac, you will find the same control layout. The moment you sit in the cab, you know where everything is; you have all the information you need at a glance on the A-post display and all the controls at your fingertips on the Multicontroller™ armrest. Full comfort and control in no time at all.

YOUR CONTROL STATION.

The drive logic of the Case IH Multicontroller combines with the ICP intuitive control panel and the AFS® Pro 700 touchscreen monitor to put all of the tractor's functions on the armrest at your fingertips: speed selection, direction changes, throttle, AccuGuide engage, Headland Management Control, electronic remote valves, rear hitch controls, PTO, joystick ... everything is in one place and within easy reach. Operation is so logical that

even novice drivers will have no problem working at their best from day one.

OPTIMISE YOUR PERFORMANCE

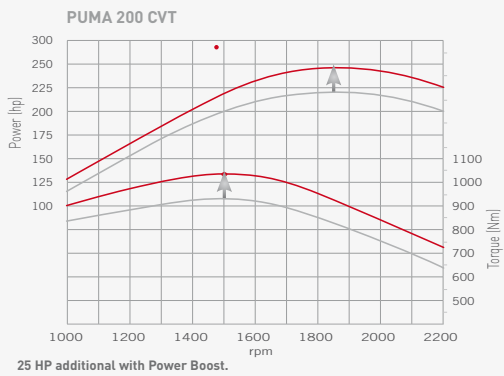
The AFS Pro 700 gives you all the information you need on the tractor's performance at a glance, from fuel consumption to engine and PTO load. The touchscreen interface is easy to use and you can quickly adjust the settings for different implements and working conditions. To make it even more intuitive, you can customise the different screens to display the information most important to you.

EVERYTHING UNDER CONTROL

The performance instrumentation cluster on the A-pillar tells you everything you need to know about the tractor – engine speed, transmission target speeds, actual ground speed, brake position and drive direction. All is clearly displayed in one place so you have everything under control.



- A** AFS Pro 700 touchscreen
- B** Multicontroller
- C** Remote valve controls incl. joystick
- D** ICP - Intuitive Control Panel
- E** Front-/rear PTO on/off
- F** Hydraulic and hitch settings



POWER AND PERFORMANCE

Latest engine technology.

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 150-240 hp (rated), with all models benefiting from an Engine Power Management boost for PTO and transport work taking those figures from 190 hp to 270 hp.

TAKES ON THE HEAVYWEIGHT JOBS – AND THE LIGHTER TASKS TOO.

With a high 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

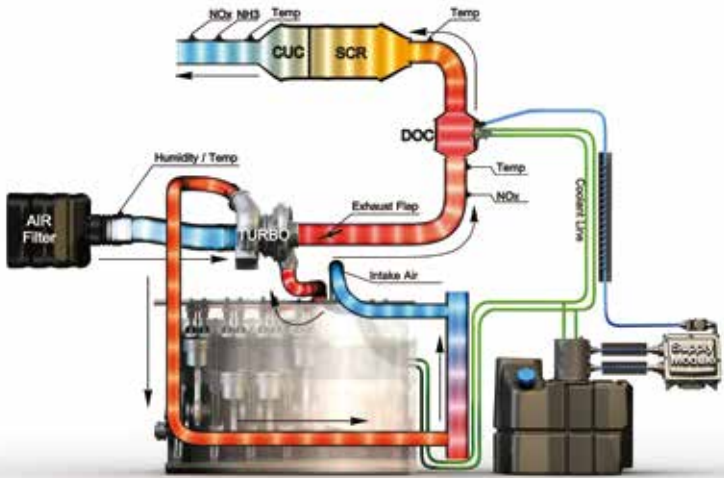
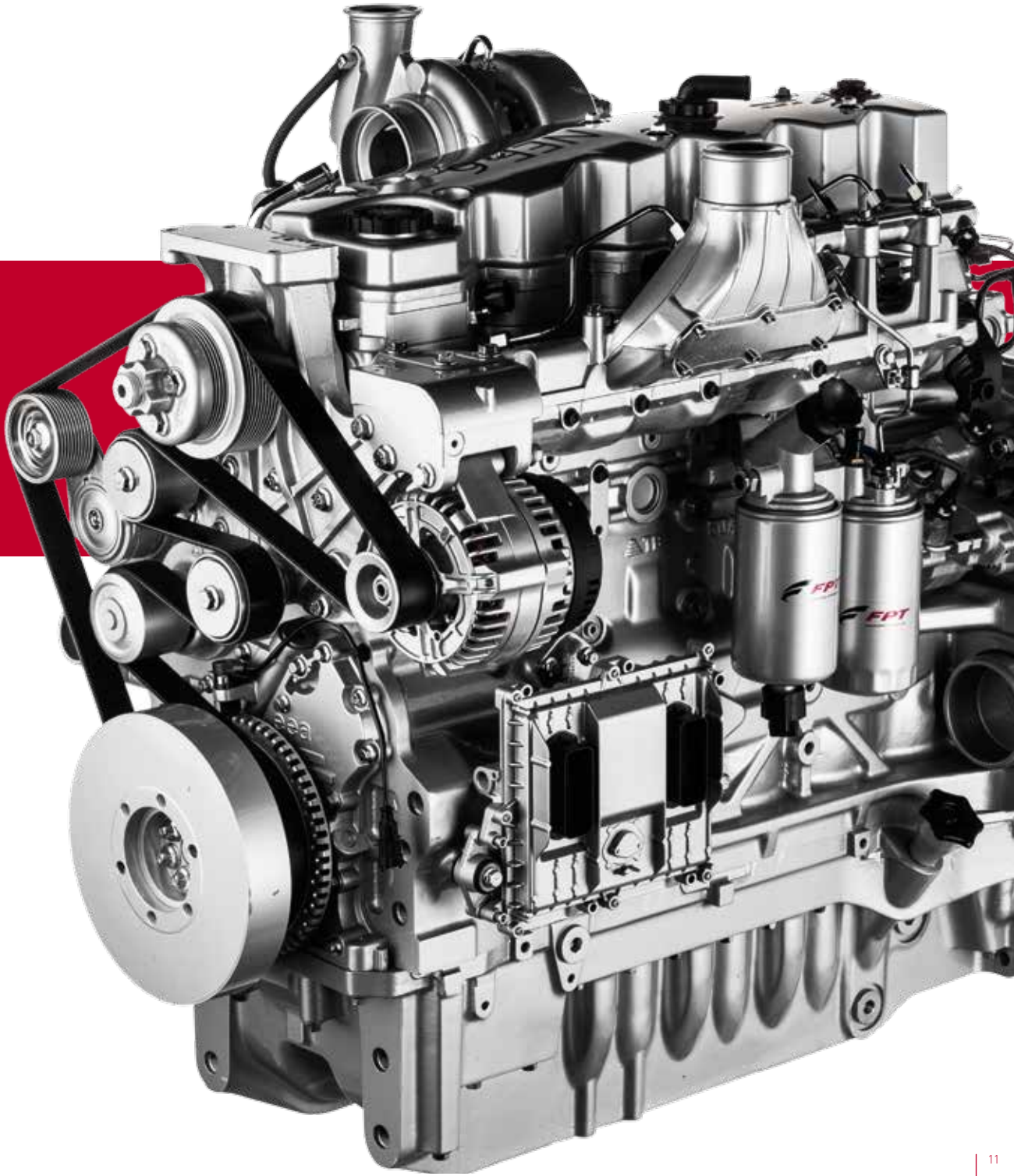
with 600-hour/12 month service intervals, they require the minimum of regular scheduled care. That means they spend less time in the yard and more where it matters – in the field, returning the investment you've made in them.

APM AND ECO DRIVE – SYSTEMS THAT SAVE.

All Puma CVT models benefit from Automatic Productivity Management (APM), a system which helps cut fuel consumption by adjusting the engine speed, and CVT 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.

ADVANTAGES

- FPT engine technology from 150 to 240 hp (rated) all Stage IV compliant
- Engine Power Management boosts power from 190 to 270 hp
- APM Automatic Productivity Management and ECO Drive helps to cut fuel consumption
- 600 hour/12 month service interval



HI-eSCR engine: powerful and efficient.

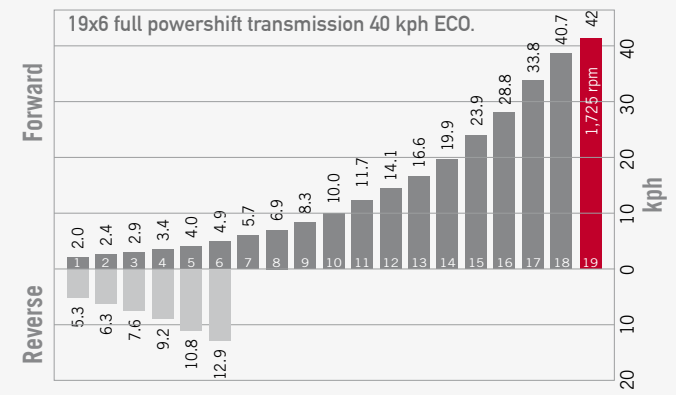




Full powershift transmission maximises efficiency and increases productivity in the field and on the road.



Multicontroller™ allows gear change without actuating the clutch.



THE GEAR TO TACKLE ANY TASK

Full powershift transmission.

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 two transmission options.

The Puma (excluding Puma 240) powershift transmission

provides full clutchless shifting through 19 forward speeds, with maximum travel speeds of 40 or 50 kph.

OPTIMUM PERFORMANCE.

With the full powershift transmission, all 19 forward speeds can be selected without using the clutch. Specifying the creeper transmission brings with it a further ten forward ratios, with speeds as low as 200 m/hr.

ADVANTAGES

- Full powershift transmission available
- 40 kph ECO or 50 kph 19 x 6 full powershift
- Creeper speeds available



STEPLESS AND SEAMLESS

The Puma CVT transmission.

Puma 150-240 CVT tractors feature the pioneering Case IH CVT continuously-variable transmission, offering stepless travel with DKT™ Double Clutch Technology for seamless power transfer and excellent fuel and power efficiency. Automatic Productivity Management (APM) fine-tunes the tractor's settings to minimise fuel consumption. By coordinating the engine, transmission and PTO with the Multicontroller™ or the travel pedal, the ideal balance of fuel efficiency and productivity is achieved.

STEPLESS PRODUCTIVITY.

The CVT drivetrain is as efficient delivering power at creep speeds as it is at its maximum 50 kph travel speed. For even greater economy, Puma 185-240 CVT tractors attain 40 kph at just 1,450 rpm, and reach 50 kph at only 1,550 rpm.

SEAMLESS SHIFTING.

DKT Double Clutch Technology eliminates interruptions in the flow of power between speed ranges. The result – improved acceleration and better fuel efficiency.

ADVANTAGES

- Continuously variable transmission 50 kph ECO or 40 kph ECO
- DKT™ Double Clutch Technology
- APM Automatic Productivity Management for best fuel efficiency
- Active Stop holds the tractor with load stationary without applying the brakes

OPTIMUM EFFICIENCY.

Puma CVT tractors feature APM Automatic Productivity Management, creating further fuel savings by automatically reducing engine rpm when full engine power is not required.

ACTIVE STOP.

Active Stop holds the tractor and its load stationary, even on a steep incline, and enables the operator to pull away effortlessly without using the clutch and brakes.







A PTO PACKAGE

To power any implement.

Versatility is the heart of the principles behind Puma. These are tractors capable of handling anything asked of them: compact enough for lighter tasks, powerful enough for heavyweight jobs.

That's as true with PTO-powered implements as it is with others. Puma and Puma CVT models (150-165) are available with rear PTO speeds of 540/540E/1000 rpm, while the models from 185 upwards have a 540/540E/1000/1000E rpm package. Up front there is the option of a PTO package which offers 1000 rpm capability at 1895 engine rpm. Soft Start management slowly increases the torque to protect shaft drives.

DIRECT POWER TRANSFER.

With power for the PTO taken directly from the engine flywheel, transmission losses are minimal. For jobs with low power requirements, the 540E/1000E rpm PTO speed is attained at below 1600 engine rpm which cuts down fuel consumption and noise.

SOFT START.

Soft Start works by detecting a higher starting resistance when the PTO is engaged, and steadily increasing the torque load. A hydraulic brake stops the movement of powered implements as soon as the PTO is switched off. The hydraulically activated and

ADVANTAGES

- Up to 4-speed PTO options
- PTO Management
- Soft Start PTO doesn't stress your implements
- Front PTO for greater productivity

electronically controlled system allows for smooth modulation and protects the components.

HEADLAND OPERATION SIMPLIFIED.

Automatic PTO management disengages the PTO when the linkage is raised and re-engages it when it's lowered. The position at which the PTO is engaged and disengaged is adjustable.

DOUBLE YOUR OUTPUT IN EVERY PASS.

Front linkage, PTO and hydraulic couplers are fully integrated into the tractor. With the likes of a front mount mower on board, they can double or even triple your daily output.



BUILT TO HANDLE THE HEAVIEST IMPLEMENTS

Front and rear hydraulics versatility.

ADVANTAGES

- Up to 10,463 kg lift capacity at the rear
- Up to 3,785 kg front lift capacity
- Four mechanical or five electronic remote valves on Puma 150/165
- Five electronic rear and four electronic mid mount remote valves on Puma 185 upwards

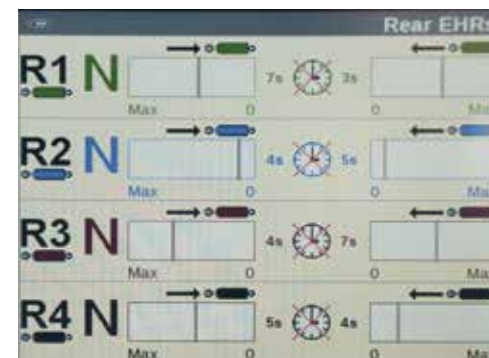
With rear hitch capacity on Case IH Puma tractors topping out at over 10 tonne on the largest models, they will lift the largest implements with ease. The hydraulic system uses an axial piston variable displacement pump with a delivery rate of up to 150 l/min on Puma models and 170 l/min on Puma CVT,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

POWERFUL HYDRAULICS.

- The rear linkages of 150 and 165 models boast a maximum hitch capacity of 8,257 kg, while the larger models can lift up to 10,463 kg. This means that even the heaviest attachments can be used without any problems.
- Thanks to the controls for the PTO, linkage and a remote valve positioned on the outside of the

mudguards, devices can be easily attached and removed by a single operator.

- On the Puma 150-165 models, a maximum of four mechanical or five electronic remote valves are available at the rear of each machine. All models also offer up to three electronic mid-mount valves.
- Models from the Puma 185/185 CVT upward can be fitted with five electronic remote valves at the rear and four electronic mid-mount valves. In total you have up to nine hydraulic remotes at your disposal.
- With the electronic valves the operator has the possibility to select which lever operates which valve.
- The optional front hitch lifts up to 3,568 kg (models 150-165) or up to 3,785 kg on all larger models.



Control your electrical remote valves through the AFS® Pro 700 monitor





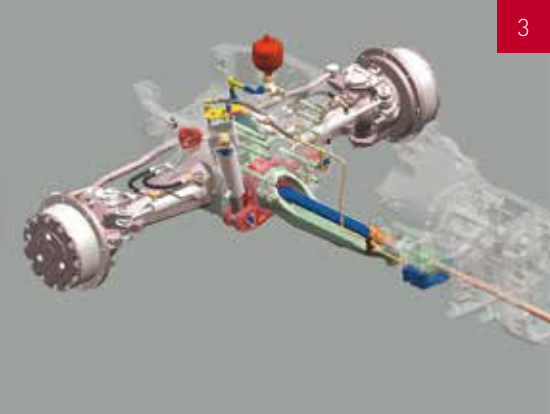
OVERSIZE

CASE IH

LEADER

Ballistik 9

- 1 4WD and differential lock management.
- 2 Turning radius of 5.45m.
- 3 Active suspended front axle.



PUTTING THE POWER WHERE IT MATTERS

Driveline.

Puma tractors have a power-to-weight ratio of up to 30 kg/hp, for superb traction with minimal soil disturbance, while Puma 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.

THE INDUSTRY'S MOST EFFICIENT DRIVELINE.

Puma automatic 4WD and differential lock systems automatically switch on and off when necessary, to combine minimal wheel slippage with maximum ground protection. The standard Ride Control system minimises

pitching movements when transporting heavy mounted implements.

FRONT AXLE SUSPENSION.

Optional front axle suspension increases traction, 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.

ABS REASSURANCE: SAFETY AND STABILITY.

On Puma 185/185 CVT 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 scuffing when turning on headlands.



STOP QUICKLY AND CONFIDENTLY

ABS anti-lock braking system.

If your tractor spends a lot of time on the road, you'll quickly recognise the value of the Case IH Anti-lock Braking System (ABS). Available on all models 185 and above, it helps ensure steering predictability under heavy braking.

INTELLIGENT BRAKING

ABS prevents wheel lock-up when braking, even with maximum force. The wheels maintain traction and respond to steering, so skidding, pitching and jack-knifing risks are significantly reduced, while cornering characteristics are improved. At speeds over 12kph, the single wheel braking option is automatically disabled, further improving safety.

PUMA FULL POWERSHIFT WITH HILLHOLDER

Hillholder eases the driver's workload when stopping on an incline and when taking off again, releasing them gradually to eliminate any risk of rolling back or stalling.

STEER-BY-ABS

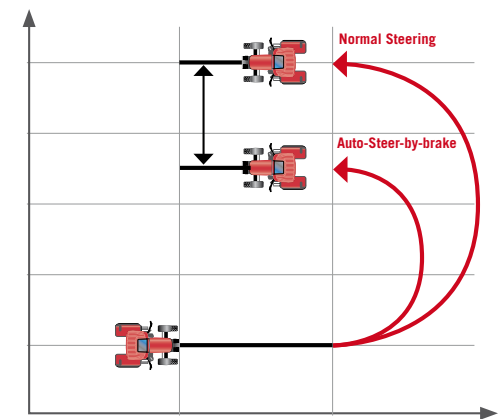
Another unique and advanced feature, Steer-By-ABS significantly reduces soil damage at the headland as the ABS prevents the inner wheel from locking when a single wheel brake pedal is applied.

AUTO-STEER-BY-BRAKE

This system automatically integrates single wheel braking into the steering process in the field. When activated, the inside wheel brakes automatically when the steering wheel turns, reducing the turning radius. The ABS prevents the wheels from scuffing in tight turns.

TRAILER SAFETY

The ABS system is compatible with pneumatic and hydraulic trailer brakes, enhancing the road safety both of tractor operators and of others on the road. An ABS trailer socket also comes standard with ABS for synchronisation of braking between the tractor and the trailer.



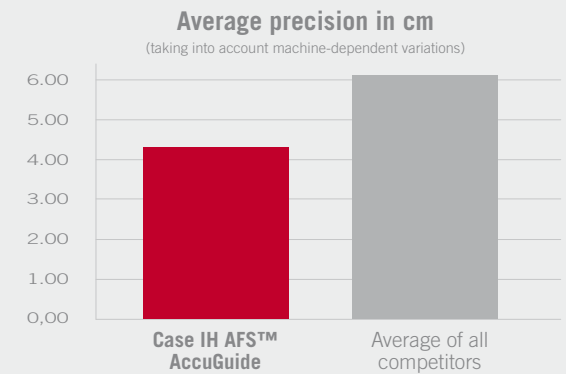
Tighter turns with ABS





AFS Precision Support
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INTEGRATED PRECISION

For efficient production.

Case IH Advanced Farming Systems (AFS®) have been at the forefront of precision farming for more than a decade, giving farmers the ability to control the entire crop production cycle. Case IH AFS tools include everything you need to achieve repeatable accuracy down to 2.5 cm, reduce overlaps and cut input costs – and maximise your yield potential.

Advanced Vehicle Control.

If it's interactive vehicle set-up and control you need, then look no further than the AFS Pro 700 touchscreen: monitor fuel usage and work rates, connect external cameras, keep job records and manage ISOBUS implements. The AFS Pro touchscreens are interactive, fully customisable and portable between your Case IH fleet.

Vehicle Guidance Solutions.

If it's a guidance system you are looking for, we have simple 'plug and play' lightbar steering kits through to fully automated and integrated solutions (AccuGuide). With the range topping RTK systems we can make you

pass perfect down to 2.5 cm. The xFill option can bridge RTK signal gaps of up to 20 minutes.

AFS Farm Management Software.

Many variables apply in farming and it is key to understand what is happening and why. It's time to manage your farming operation by making decisions based on facts. With the AFS Farm Management software package from Case IH you can see, field by field, the tasks performed, the work rates achieved, the fuel used during each task and, most importantly, your yield. Plan for the future today.

AFS CONNECT™ telematics.

The Case IH AFS Connect telematics system allows farm owners and managers to monitor and manage their machinery from the farm office, tracking machines in real time on the farm computer to observe how they 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.

ADVANTAGES

- GLONASS/GPS antenna
- Low cost RTX signal solutions
- Optional high accuracy RTK+ signal
- Integrated AccuGuide AutoGuidance
- Virtual dashboard with parameter monitoring
- Alerts when a predefined value is breached such as a geo fence



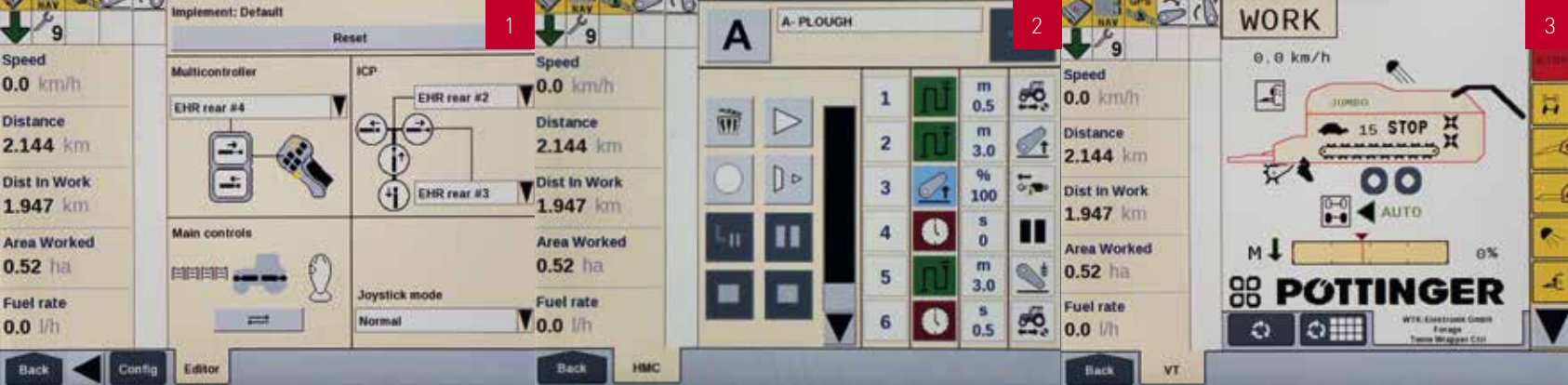
The precision and handling of automatic steering systems on farming vehicles were assessed in the DLG focus test **"Automatic Steering Systems"**.

Summary:

"...The approved steering system from Case IH offers a system precision range of 3-5 when used with a local RTK station..."

For the full test, see www.dlg-test.de/tests/6156F.pdf or simply use your smartphone to scan the QR code.





- 1 Individually configure the lever to the remote valve
- 2 Headland management Control II
- 3 ISOBUS Class III compatibility

PRECISE CONTROL

Interactive, integrated and intuitive.

ADVANTAGES

- Intuitive AFS® Pro 700 touchscreen
- Control tractor and implements with ISOBUS Class III connection
- Headland Management Control II each step is timed or distance recorded
- Improved productivity with up-to-the-minute information

Case IH Advanced Farming Systems are within easy reach on the AFS Pro 700 touchscreen monitor, integrated into the armrest of the Puma and Puma CVT models. In addition, to complete automation of all the tractor's key functions, including the sequencing of up to 32 headland functions, the AFS screen also keeps track of the work done, fuel consumption, operating costs and much more. Here are just a few examples:

KEY FEATURES INCLUDE:

- Performance monitoring: record overall performance, for each day and for each job. All data from the AFS monitors can be saved to a USB stick for analysis back at the office if required.
- Vehicle settings: a series of AFS screens allow you to fine-tune the tractor's settings. It is easy to set the flow rates and timers for each of the remote valves, giving you an excellent overview of the whole setup.

- Hitch notebook: this screen allows you to save the settings for each implement according to the working conditions. For example next time you attach the plough you just need to open the notebook, choose the right set-up and away you go.
- The HMC II Headland Management Control system has been designed to make the operators job easier when turning at the end of the row during in-field operations. A headland sequence can either be recorded on the go or created in advance in the farmyard. When in record mode, each step will be timed or distance recorded and can be used to build an HMC sequence.
- ISOBUS Class III compatibility: hook up any compatible machine to display the user interface for the machine on the AFS monitor. Now you are able to operate the machine easily and interactively by pressing the control buttons on the AFS monitor screen. Depending on the implement, ISOBUS Class III can automatically control some tractor

functions like speed, hitch, PTO and EHR. You do not need a separate control monitor or cables inside the cab.

- Video input: you can display up to three video feeds from cameras positioned around a loader wagon or baler. This means you can monitor what is going on behind you without having to take your eyes off the work area in front of you.
- A variety of vehicle guidance solutions are available to match your needs for precision. A fully automated and integrated solution, which is factory installed, gives you the pinpoint accuracy you need for high value crops. Alternatively, a simple plug and play lightbar steering kit can be installed.

AFS PRO 700 TOUCHSCREEN MONITOR

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







KEEP FARMING

Servicing made simple.

MAKE A PRODUCTIVE START – AND STAY PRODUCTIVE THROUGHOUT THE DAY!

When you have a busy working day ahead of you, time-consuming maintenance tasks are the last thing you want to do; even without important field and transport work to complete, you will certainly have better things to spend your time on than machine maintenance. For this reason, we have designed the Puma and the Puma CVT to be maintenance-friendly across the board; the daily checks are quick to complete. Do your checks and you're ready to go!

OPTIMUM OPERATING TIME, MINIMAL MAINTENANCE COSTS.

With the Puma and Puma CVT models, maintenance times and costly downtime are minimised, allowing you to work productively. Productivity is also increased by the unrivalled 600-hour/12 month maintenance intervals; these maintenance intervals are just one example of a number of characteristics of the Puma and Puma CVT that allow you to keep your operational readiness at a high level and your servicing and repair costs low.

CLEANING COMPLETE IN NEXT TO NO TIME

The radiators can be swung out to enable easy cleaning.

EASY ACCESS

The single-piece bonnet is raised using a gas strut and can be locked at an angle of 45° and 90°, even with front attachments fitted.

FAST DAILY CHECKS

The engine oil can be checked and topped up even when the bonnet is closed.





When you buy a Case IH machine, you can be sure not only that you're buying the best product, but also that you've got the best dealer back-up behind you. Case IH dealers can offer advice on selecting and financing the right machine, will ensure they deliver what you need when you need it, and will then continue to back you and your equipment with the service and spare parts supply you'd expect from a name as trusted as Case IH.

SYSTEM SOLUTIONS

We'll keep you farming.

AN OPTIMAL FINANCING SOLUTION FOR EVERY INVESTMENT

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



ALL THE PARTS AND SERVICE TO KEEP YOUR EQUIPMENT RUNNING

Find the full line of Case IH parts and components at your local dealer. Plus full service maintenance programmes and industry leading warranties. It's expertise applied by skilled, factory-trained service professionals committed to providing you maximum uptime, season after season.



3 Years/3,000 hours RedCover
Comprehensive Warranty

MODELS	PUMA 150	PUMA 165	PUMA 185	PUMA 200	PUMA 220
ENGINE	FPT	FPT	FPT	FPT	FPT
Number of cylinders	6				
Type	Common Rail diesel engine with 24 valves, turbocharged and intercooled				
Emission level	Stage IV		Stage IV		
Capacity [cm ³]	6,700	6,700	6,700	6,700	6,700
Maximum power ECE R120 ³⁾ Power Management (kW/hp)	140 / 190	155 / 210	166 / 225	180 / 245	192 / 260
Maximum power ECE R120 ³⁾ (kW/hp)	121 / 165	132 / 180	147 / 200	162 / 220	177 / 240
... at engine speed (rpm)	1,800 - 1,900	1,800 - 1,900	1,800 - 1,900	1,800 - 1,900	1,800 - 1,900
Rated power ECE R120 ³⁾ Power Management (kW/hp)	129 / 175	140 / 190	151 / 205	165 / 225	177 / 240
Rated power ECE R120 ³⁾ (kW/hp)	110 / 150	121 / 165	132 / 180	147 / 200	162 / 220
... at engine speed (rpm)	2,200	2,200	2,200	2,200	2,200
Maximum torque Power Management (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 (%)	46 / 44	46 / 44	46 / 44	46 / 44	42 / 44
Fuel tank, diesel / urea (litres)	330 / 48	330 / 48	390 / 48	390 / 48	390 / 48
TRANSMISSION					
19x6 full powershift economy 40 kph @ reduced rpm	• / •	• / •	- / •	- / •	- / •
19x6 full powershift 50 kph	• / •	• / •	- / •	- / •	- / •
Powershuttle	•	•	•	•	•
Creep	•	•	•	•	•
Rear axle diff-lock type	Multi disc wet plate with management system		Multi disc wet plate with management system		
Service brake	Hydraulically operated multiple wet disc brake, self adjusting		Hydraulically operated multiple wet disc brake, self adjusting		
POWER TAKE OFF					
Type	Electro-hydraulic with Auto PTO control available		Electro-hydraulic with Auto PTO control available		
PTO Speeds Classic - Ultimate	540 / 540E / 1,000		540E / 1000 - 540 / 540E / 1,000 / 1,000E		
Engine speeds Classic- Ultimate (rpm)	1,969 / 1,546 / 1,893		1569 / 1893 - 1,931 / 1,598 / 1,912 / 1,583		
Shaft type standard (option)	1 3/8" 21 splines (1 3/8" 6 splines)		1 3/8" 21 splines (1 3/8" 6 splines or 1 3/4" 20 splines)		
Front PTO 1,000 speed @ 1,895 rpm	•	•	•	•	•
Front hitch lift capacity (kg)	3,568	3,568	3,785	3,785	3,785
FOUR-WHEEL DRIVE AND STEERING (DRIVELINE)					
Type	Electro-hydraulic with management system, differential lock as standard, front axle suspension optional		Electro-hydraulic with management system, differential lock as standard, front axle suspension optional		
ABS Anti-lock braking system	-	-	•	•	•
Front axle suspension	•	•	• / Active	• / Active	• / Active
Steering angle (°)	55	55	55	55	55
Min. turning radius 1) track setting 1,829mm (m)	5.45	5.45	6.1	6.1	6.1
HYDRAULIC SYSTEM					
System type	Variable displacement, pressure flow compensated pump		Variable displacement, pressure flow compensated pump		
Max. pump flow rate Classic / Ultimate (l/min)	110 / 120	110 / 120	120 / 150	120 / 150	120 / 150
System pressure (bar)	210	210	210	210	210
Control type	Electronic Hitch Control (EHC) with cushion ride control		Electronic Hitch Control (EHC) with cushion ride control		
Max. lift capacity (kg)	8,257	8,257	10,463	10,463	10,463
OECD lift capacity through range @ 610 mm (kg)	6,616	6,616	7,280	7,280	7,280
Max. number of rear remote valves	4 mechanical or 5 electronic		4 mechanical or 5 electronic		
Max. number of mid mount valves with electronic joystick	3 electr.	3 electr.	4 electr.	4 electr.	4 electr.
Remote valve timer control	1 - 60 seconds on all models		1 - 60 seconds on all models		
Category type	Cat II / III	Cat II / III	Cat III	Cat III	Cat III
Slip control	•	•	•	•	•

• Standard Equipment • Optional Equipment - Not available ¹⁾ With standard tyres ²⁾ Other tyres on request ³⁾ ECE R120 correspond to ISO 14396


MODELS	PUMA 150 CVT	PUMA 165 CVT	PUMA 185 CVT	PUMA 200 CVT	PUMA 220 CVT	PUMA 240 CVT
ENGINE	FPT	FPT	FPT	FPT	FPT	FPT
Number of cylinders	6					
Type	Common Rail diesel engine with 24 valves, turbocharged and intercooled					
Emission level	Stage IV		Stage IV			
Capacity [cm ³]	6,700	6,700	6,700	6,700	6,700	6,700
Maximum power ECE R120 ³⁾ Power Management (kW/hp)	140 / 190	155 / 210	166 / 225	180 / 245	192 / 260	199 / 270
Maximum power ECE R120 ³⁾ (kW/hp)	121 / 165	132 / 180	147 / 200	162 / 220	177 / 240	192 / 260
... at engine speed (rpm)	1,800 - 1,900	1,800 - 1,900	1,800 - 1,900	1,800 - 1,900	1,800 - 1,900	1,800 - 1,900
Rated power ECE R120 ³⁾ Power Management (kW/hp)	129 / 175	140 / 190	151 / 205	165 / 225	177 / 240	192 / 260
Rated power ECE R120 ³⁾ (kW/hp)	110 / 150	121 / 165	132 / 180	147 / 200	162 / 220	177 / 240
... at engine speed (rpm)	2,200	2,200	2,200	2,200	2,200	2,200
Maximum torque Power Management (Nm @ 1,500 rpm)	805	875	940	1,035	1,100	1,160
Maximum torque (Nm @ 1,500 rpm)	700	770	840	930	1,000	1,100
Torque rise standard / Power Management (%)	46 / 44	46 / 44	46 / 44	46 / 44	42 / 44	44 / 40
Fuel tank, diesel / urea (litres)	330 / 48	330 / 48	390 / 48	390 / 48	390 / 48	390 / 48
TRANSMISSION						
Continuously variable transmission 50kph or 40kph ECO	•	•	•	•	•	•
Powershuttle	•	•	•	•	•	•
Rear axle diff-lock type	Multi disc wet plate with management system		Multi disc wet plate with management system			
Service brake	Hydraulically operated multiple wet disc brake, self adjusting		Hydraulically operated multiple wet disc brake, self adjusting			
POWER TAKE OFF						
Type	Electro-hydraulic with Auto PTO control available		Electro-hydraulic with Auto PTO control available			
PTO speeds	540 / 540E / 1,000		540 / 540E / 1,000 / 1,000E			
Engine speeds (rpm)	1,969 / 1,546 / 1,893		1,931 / 1,598 / 1,912 / 1,583			
Shaft type standard (option)	1 3/8" 21 splines (1 3/8" 6 splines)		1 3/8" 21 splines (1 3/8" 6 splines or 1 3/4" 20 splines)			
Front PTO 1,000 speed @ 1,895 rpm	•	•	•	•	•	•
Front hitch lift capacity (kg)	3,568	3,568	3,785	3,785	3,785	3,785
FOUR-WHEEL DRIVE AND STEERING (DRIVELINE)						
Type	Electro-hydraulic with management system, differential lock as standard, front axle suspension optional		Electro-hydraulic with management system, differential lock as standard, front axle suspension optional			
ABS Anti-lock braking system	-	-	•	•	•	•
Front axle suspension	•	•	• / Active	• / Active	• / Active	• / Active
Steering angle [°]	55	55	55	55	55	55
Min. turning radius ¹⁾ track setting 1,829mm (m)	5.45	5.45	6.1	6.1	6.1	6.1
HYDRAULIC SYSTEM						
System type	Variable displacement, pressure flow compensated pump		Variable displacement, pressure flow compensated pump			
Max. pump flow rate Classic / Ultimate (l/min)	140 / 160	140 / 160	150 / 170	150 / 170	150 / 170	150 / 170
System pressure (bar)	210	210	210	210	210	210
Control type	Electronic Hitch Control (EHC) with cushion ride control		Electronic Hitch Control (EHC) with cushion ride control			
Max. lift capacity (kg)	8,257	8,257	10,463	10,463	10,463	10,463
OECD lift capacity through range @ 610 mm (kg)	6,616	6,616	7,280	7,280	7,280	7,280
Max. number of rear remote valves	4 mechanical or 5 electronic		5 electronic			
Max. number of mid mount valves with electronic joystick	3 electr.	3 electr.	3 electr.	4 electr.	4 electr.	4 electr.
Remote valve timer control	1 - 60 seconds on all models		1 - 60 seconds on all models			
Category type	Cat II / III	Cat II / III	Cat III	Cat III	Cat III	Cat III
Slip control	•	•	•	•	•	•

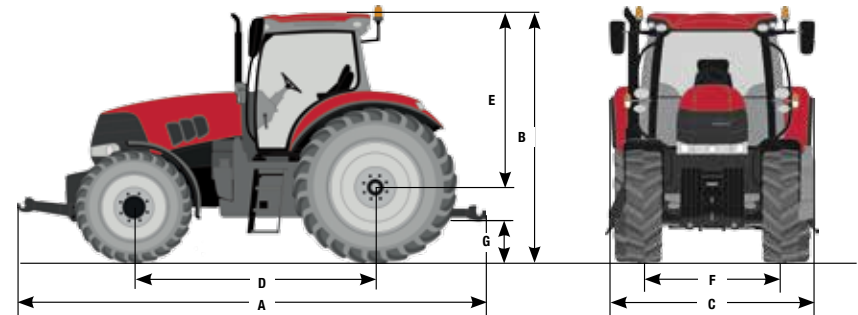
• Standard Equipment ◦ Optional Equipment - Not available ¹⁾ With standard tyres ²⁾ Other tyres on request ³⁾ ECE R120 correspond to ISO 14396

MODELS	PUMA 150	PUMA 165	PUMA 185	PUMA 200	PUMA 220
WEIGHT					
Approximate shipping weight (kg) Classic / Ultimate	6,480 / 6,782	6,480 / 6,782	6,950 / 7,300	6,950 / 7,300	6,950 / 7,300
Permissible total weight (kg)	10,500	10,500	13,000	13,000	13,000
Max. permissible weight front (kg)	4,900	4,900	6,000	6,000	6,000
Max. permissible weight rear (kg)	7,800	7,800	9,500	9,500	9,500
DIMENSIONS ¹⁾					
A: Max. length Classic / Ultimate	5,240 / 5,316	5,240 / 5,316	5,467 / 5,467	5,467 / 5,467	5,467 / 5,467
B: Total height (mm)	3,026	3,026	3,068	3,068	3,068
C: Minimum width across rear fenders (mm)	2,476	2,476	2,476	2,476	2,476
D: Wheelbase Classic / Ultimate (mm)	2,734 / 2,789	2,734 / 2,789	2,884 / 2,884	2,884 / 2,884	2,884 / 2,884
E: Height at centre of rear axle, highest point (susp.cab) (mm)	2,210	2,210	2,210	2,210	2,210
F: Track setting front (mm)	1,325-2,285	1,325-2,285	1,538-2,260	1,538-2,260	1,538-2,260
rear (mm)	1,430-2,230	1,430-2,230	1,530-2,230	1,530-2,230	1,530-2,230
G: Max. ground clearance without drawbar or tow hook (mm)	554	554	523	523	523
STANDARD TYRES ²⁾					
Front	540 / 65 R28			540 / 65 R30	
Rear	650 / 65 R38			650 / 65 R42	

MODELS	PUMA 150 CVT	PUMA 165 CVT	PUMA 185 CVT	PUMA 200 CVT	PUMA 220 CVT	PUMA 240 CVT
WEIGHT						
Approximate shipping weight Classic / Ultimate (kg)	6,480 / 6,782	6,480 / 6,782	6,950 / 7,300	6,950 / 7,300	6,950 / 7,300	6,950 / 7,300
Permissible total weight (kg)	11,500	11,500	13,000	13,000	13,000	13,000
Max. permissible weight front (kg)	4,900	4,900	6,000	6,000	6,000	6,000
Max. permissible weight rear (kg)	8,500	8,500	9,500	9,500	9,500	9,500
DIMENSIONS ¹⁾						
A: Max. length Classic / Ultimate (mm)	5,240 / 5,316	5,240 / 5,316	5,467 / 5,467	5,467 / 5,467	5,467 / 5,467	5,467 / 5,467
B: Total height (mm)	3,026	3,026	3,068	3,068	3,068	3,068
C: Minimum width across rear fenders (mm)	2,476	2,476	2,476	2,476	2,476	2,476
D: Wheelbase Classic / Ultimate (mm)	2,734 / 2,789	2,734 / 2,789	2,884 / 2,884	2,884 / 2,884	2,884 / 2,884	2,884 / 2,884
E: Height at centre of rear axle, highest point (susp.cab) (mm)	2,210	2,210	2,210	2,210	2,210	2,210
F: Track setting front (mm)	1,325-2,285	1,325-2,285	1,538-2,260	1,538-2,260	1,538-2,260	1,538-2,260
rear (mm)	1,430-2,230	1,430-2,230	1,530-2,230	1,530-2,230	1,530-2,230	1,530-2,230
G: Max. ground clearance without drawbar or tow hook (mm)	554	554	523	523	523	523
STANDARD TYRES ²⁾						
Front	540 / 65 R28			540 / 65 R30		
Rear	650 / 65 R38			650 / 65 R42		

● Standard Equipment ● Optional Equipment - Not available ¹⁾ With standard tyres ²⁾ Other tyres on request ³⁾ ECE R120 correspond to ISO 14396

 Safety never hurts! Always read the Operator's Manual before working with any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided. This literature has been published for worldwide circulation. The standard and optional equipment and the availability of individual models may vary from one country to the next. Case IH reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without this resulting in any obligation whatsoever to make such modifications to units already sold. Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment. Case IH recommends **AKCELA** lubricants.





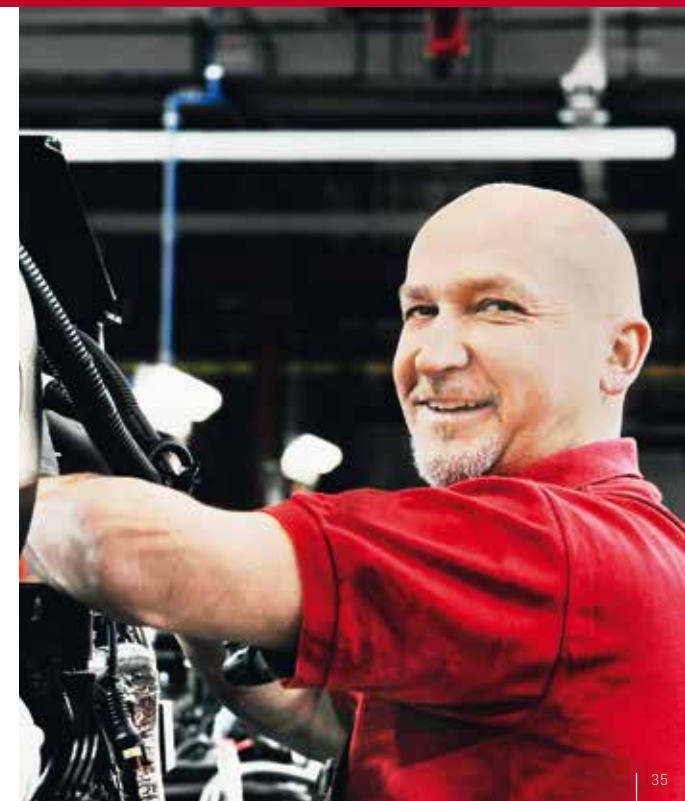
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