

# PUMA

TRACTORS FROM  
155 – 185 hp





# CONFIDENCE IN EVERY FIELD

## ENHANCED PERFORMANCE

The new Puma redefines efficiency with a range of advanced transmissions that deliver smoother power, improved traction, and faster working speeds. With fuel-saving engineering, extended 750-hour service intervals, and connectivity through FieldOps, operators can achieve maximum productivity while keeping running costs low.

## GREATER COMFORT

A completely new cab, designed from the ground up to transform comfort and control. Easier access, expanded storage, and updated controls create a more ergonomic operator environment. A new cab suspension and fully active seat option reduce fatigue, while improved visibility and LED lighting give you clarity day or night—so you stay focused and productive from start to finish.

## BEST-IN-CLASS MANEUVERABILITY

Compact yet powerful, the Puma offers superior agility in-field and on-road. A new front axle ensures a tight turn radius, increased stability at transport speeds, and greater braking responsiveness. Hydraulic and hitch updates give you sharper implement control, making every task easier and safer to handle.

## INTEGRATED TECHNOLOGY

Future-ready precision comes standard. With the new MultiController armrests, upgraded in-cab display and connectivity to Case IH FieldOps, the Puma keeps you in control with less effort. ISOBUS and TIM compatibility ensure seamless integration with your implements today, while its expandable electronic architecture is built to grow with the technologies of tomorrow.



The days are long. The work is tough. And every hectare demands more from you than the last. That's why the new Puma standard wheelbase has been rebuilt from the ground up — not for the showroom floor, but for the hours that matter most out in the field.

It's the strength to pull hard, the agility to turn sharp, and the comfort to keep going until the work is done. It's technology that doesn't get in your way, but works quietly alongside you, helping every job run smoother, faster, smarter.

This is more than a tractor. This is your partner in the early starts, the late finishes, and the seasons that never slow down. With the Puma, every hour you put in gives more back.



# CUSTOM BUILT

Every Puma is yours to configure — from engine and transmission to technology and comfort features. Whatever combination you choose, every component is perfectly matched and fully compatible, delivering seamless performance in every field.

## MULTICONTROLLER II ARMREST



## MULTICONTROLLER III ARMREST



185 hp  
165 hp  
155 hp



**ActiveDrive 6**  
for balanced efficiency and smooth shifting.

**ActiveDrive 8**  
for smart versatility and enhanced control.



**CVXDrive**  
for seamless, clutch-free operation  
and maximum comfort.



**Class 3.6**  
for reliable performance in standard applications.

**Class 4.1**  
for enhanced strength and stability under heavier loads.

**Dual Cylinder Suspension**  
for maximum comfort and control on rough terrain.

**Low Roof**  
for compact profile and standard protection.

**High Roof**  
for added headroom and comfort.

**Panoramic Roof**  
perfect for front loader work.



**170 l/min**  
for maximum flow and demanding tasks.

**150 l/min**  
for increased responsiveness.

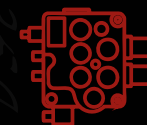
**125 l/min**  
for standard operations.



**Up to 4 mechanical remotes**  
with Power Beyond for straightforward control.

**Up to 5 electro-hydraulic remotes**  
with Power Beyond for precision and automation.

**Up to 4 mid-mount valves**  
for added versatility.



**8,380 kg @ ball ends**  
for heavier implements and demanding tasks.

**New independent pick-up hitch**  
adds flexibility and convenience for transport operations.





# ENHANCED PERFORMANCE

Tested by DLG, the Puma with ActiveDrive 8 achieved just 243 g/kWh – delivering best-in-class fuel efficiency and power you can count on.

## STRENGTH BEHIND YOU

Redesigned for easier access, stronger hydraulics and safer transport, the Puma's rear delivers power and convenience where you need it most.

- **Automatic trailer steering lock** – locks trailer axles when reversing or at high speeds to prevent soil and sward damage.
- **Colour-coded valve identification** – for simpler coupling.
- **New electrical socket layout and stacked hydraulic valves** – for faster and easier implement connection.
- **External hydraulic controls** – make adjustments quickly from outside the cab for added convenience.
- **Up to 5 electric remote valves** – for precise and flexible implement control.



## BUILT TO HANDLE MORE

Strong lifting power, high-flow hydraulics and long working hours — the Puma is built to handle demanding jobs without slowing you down.

- **13,500 kg Gross Vehicle Weight (GVW) and up to 5,500 kg of payload** – for large implements and tough operations.
- **Up to 170 L/min hydraulic flow** – ensures responsive and precise implement control.
- **350-litre fuel tank and 50-litre AdBlue capacity** – keep you working longer between refills.

## STRENGTH WHERE IT STARTS

With improved suspension, tighter steering and stronger linkage, the Puma delivers more comfort, control and versatility at the front.

- **Category III hitch with 4,180 kg lift capacity at ball ends** – handles a wide range of front-mounted implements.
- **Wet PTO clutch** – quieter, more durable and ready for higher loads.
- **No manual changeover** – switch between front linkage and loader straight from the cab.
- **Front ISOBUS socket**



# BEST-IN-CLASS MANEUVERABILITY

## REIMAGINED RIDE COMFORT

New front axle suspension with sharper hydraulics and hitch delivers tighter turns and greater stability. Advanced braking systems boost safety, confidence, and control — whatever the load or terrain.

- **Smart braking** — delivers extra stopping power through a highly efficient engine brake with automatic mode, reducing service brake use and improving control.
- **Advanced Trailer Brake** — automatically adapts to driving situations and load changes, using pulsed pneumatic braking to stabilise the tractor and trailer. Whether slowing with the Multicontroller or brake pedal, it keeps the combination steady and in line.

## MECHANICAL OR PNEUMATIC CAB SUSPENSION

More comfort, more stability, more control — with two suspension options to suit your needs.

## NEW HOOD DESIGN & LED LIGHTS

## NEW FRONT AXLE SUSPENSION

A redesigned system gives you a smoother ride, more stability and automatic adjustment to match every load.

- **Saddle suspension with dual-cylinder accumulators** — greater comfort, stability, and roadability.
- **Enhanced braking with adaptive control logic** — a smoother, safer ride that automatically adjusts to load weight.
- **Anti-roll function** — better stability on uneven ground and road.



# GREATER COMFORT

## ALL-NEW OPERATOR SPACE

Getting in and out is safer and simpler, while inside you'll find more room to work and smarter storage for the everyday essentials.

- **Easy access and more space to work** – wider steps integrated into the fuel tank, a larger step area and well-placed handles make entry effortless. Increased legroom and overall roominess reduce fatigue and boost in-cab comfort.
- **Clearer view** – new fender design and expanded wiper coverage improve visibility in every condition.
- **Everyday convenience and smarter storage** – with a practical bottle holder in the dash and improved compartments for tools, documents, and personal items. Everything you need is always within reach.

## PRO 1200 MONITOR

A 12" multi-touch screen with anti-fingerprint coating and seven customisable run screens.

## ALL-NEW MULTICONTROLLER II & III ARMRESTS

Ergonomic design with programmable keys the exclusive encoder knob for easy navigation.

The backlit toggle switches change colour depending on which remote valve has been assigned to them.





# INTEGRATED TECHNOLOGY

From guidance and automation to connectivity and data, Case IH technologies built into the Puma help you work smarter, faster, and more efficiently.



## PRECISION TECHNOLOGY

With automated guidance, hands-free turning and precision down to 1.5 cm, the Puma makes every move in the field smarter and smoother.

- **AccuGuide auto guidance** – maintain parallel swaths with accuracy down to 1.5 cm. Multiple guidance patterns available: field, circle, curved, heading, spiral and straight.
- **Headland Management Control II** – program each headland turn by time or distance, with automated functions such as engine speed adjustment after implement lift.
- **AccuTurn Pro** – combines headland management and steering with automated, optimised turns for greater efficiency and comfort.

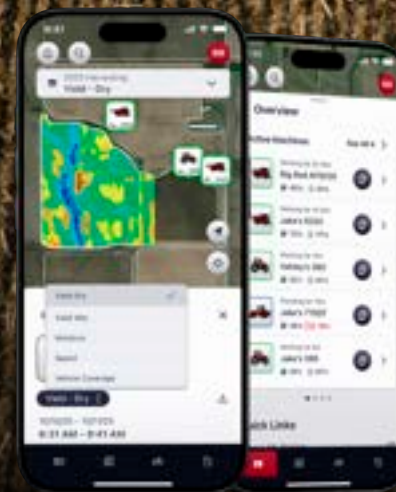
## CONNECTIVITY INCLUDED

Access to all connectivity features from day one without recurring subscription costs.



## SMART IMPLEMENT AUTOMATION

With ISOBUS and TIM technology, your implements and tractor work as one — automatically controlling PTO, hydraulics, hitch and speed. The result: less effort, more precision and consistently better results in every field.



## DATA MANAGEMENT MADE EASY

The all-in-one Case IH FieldOps™ simplified platform for all your Case IH and multi-branded equipment to easily monitor, plan and analyse all operations from anywhere, at any time.



### CONNECT.

Centralise all your machine data in one place



### VIEW.

Monitor machine & navigate operations with ease



### MANAGE.

Access display remotely & near real-time decision making



Create a free account to access all features of Case IH FieldOps!





MODELS	PUMA 155	PUMA 165	PUMA 185
ENGINE			
Number of cylinders / Capacity [cm³]	6 / 6,718	6 / 6,718	6 / 6,718
Type / Emission level	Common Rail Diesel engine, turbocharger and HI-eSCR2 only exhaust after treatment / Stage V	Common Rail Diesel engine, turbocharger and HI-eSCR2 only exhaust after treatment / Stage V	Common Rail Diesel engine, turbocharger and HI-eSCR2 only exhaust after treatment / Stage V
Approved biodiesel blend** / HVO100	B7 / ●	B7 / ●	B7 / ●
Rated power ECE R120 <sup>1)</sup> [kW/hp(CV)] @ engine speed [rpm]	114 / 155 @ 2,200	121 / 165 @ 2,200	136 / 185 @ 2,200
Rated power ECE R120 <sup>1)</sup> Power Management <sup>2)</sup> [kW/hp(CV)] @ engine speed [rpm]	140 / 190 @ 2,200	150 / 204 @ 2,200	155 / 211 @ 2,200
Maximum power ECE R120 <sup>1)</sup> [kW/hp(CV)] @ engine speed [rpm]	125 / 170 @ 1,600	132 / 180 @ 1,600	147 / 200 @ 1,600
Maximum power ECE R120 <sup>1)</sup> Power Management <sup>2)</sup> [kW/hp(CV)] @ engine speed [rpm]	141 / 192 @ 1,600	155 / 211 @ 1,600	166 / 226 @ 1,600
Maximum torque [Nm @ 1,300 rpm]	906	979	1,063
Torque rise [%]	30	28	31
Reversible fan	○	○	○
Fuel tank capacity, diesel / urea [litres]	350 / 50	350 / 50	350 / 50
Service interval [hours]	750	750	750
ACTIVEDRIVE 6 TRANSMISSION			
18x6 semi powershit 40 kph	●	●	-
18x6 semi powershit 40 kph ECO @ reduced rpm	○	○	-
29x12 semi powershift 40 kph ECO @ reduced rpm with creeper	○	○	-
19x6 semi powershift 50 kph ECO @ reduced rpm	○	○	-
29x12 semi powershift 50 kph ECO @ reduced rpm with creeper	○	○	-
ACTIVEDRIVE 8 TRANSMISSION			
24x24 DCT - 40 kph ECO	●	●	●
24x24 DCT - 40 kph ECO with creeper (48x48)	○	○	○
24x24 DCT - 50 kph ECO	○	○	○
24x24 DCT - 50 kph ECO with creeper (48x48)	○	○	○
CVXDRIVE TRANSMISSION			
3x1 CVT - 40 kph ECO	●	●	●
3x1 CVT - 50 kph ECO	○	○	○
POWER TAKE OFF			
Wet clutch / Auto PTO management/ Auto soft start	●	●	●
3 speeds	540 / 540E / 1,000 / 1,000E	540 / 540E / 1,000 / 1,000E	540 / 540E / 1,000 / 1,000E
... at engine speeds [rpm]	1,901 / 1,575 / 1,929 / 1,594	1,901 / 1,575 / 1,929 / 1,594	1,901 / 1,575 / 1,929 / 1,594
Shaft type standard	6 and 21 splines	6 and 21 splines	6 and 21 splines
FRONT PTO AND FRONT HITCH			
Front PTO 1,000 speed @ engine rpm	1,920	1,920	1,920
Front hitch max. lift capacity @ ball ends / 610mm behind ball ends [kg]	4,180 / 3,770	4,180 / 3,770	4,180 / 3,770
Wet clutch	●	●	●
ELECTRICAL			
12 volt alternator standard / optional [Amps]	170 / 250	170 / 250	170 / 250
HYDRAULIC SYSTEM			
System type	Closed Centre Load Sensing (CCLS)	Closed Centre Load Sensing (CCLS)	Closed Centre Load Sensing (CCLS)
Max. pump flow rate standard / option [L/min]	150 / 170 (120 in option for ActiveDrive 6)	150 / 170 (120 in option for ActiveDrive 6)	150 / 170 (120 in option for ActiveDrive 6)
Control type	Electronic Draft Control (EDC)	Electronic Draft Control (EDC)	Electronic Draft Control (EDC)
Max. lift capacity @ ball ends / 610mm behind ball ends [kg]	8,380 / 7,450	8,380 / 7,450	8,380 / 7,450
Front loader ready	○	○	○
Max. number of mechanical rear valves	4	4	4
Max. number of rear remote valves	5 electrical	5 electrical	5 electrical
Electrical joystick (Forward / Reverse + gear change)	○	○	○
Max. number of mid mount valves with electronic joystick	4 electrical	4 electrical	4 electrical
BRAKES			
ActiveDrive 8 park brake	○	○	○
CVXDrive electronic park brake	●	●	●
Hydraulic trailer brakes	○	○	○
Pneumatic trailer brakes	○	○	○
Advanced trailer braking system (CVXDrive only)	○	○	○

MODELS	PUMA 155	PUMA 165	PUMA 185
FOUR-WHEEL DRIVE AND STEERING (DRIVELINE)			
4WD front axle Class 3.6 / 4WD front axle HD Class 4.1	● / ○	● / ○	● / ○
Front axle suspension	○	○	○
Max. steering angle standard / suspended front axle [°]	55	55	55
Adaptive Steering Control	○	○	○
Differential lock (multi disc wet plate)	●	●	●
Bar rear axle	○	○	○
Turning radius with standard / suspended front axle [mm]	11,400	11,400	11,400
Service brake	Hydraulically operated multiple wet disc brake, self adjusting	Hydraulically operated multiple wet disc brake, self adjusting	Hydraulically operated multiple wet disc brake, self adjusting
CAB			
High visibility roof hatch - Low roof / High roof / Panoramic roof	○ / ● / ○	○ / ● / ○	○ / ● / ○
Cab suspensions: Mechanical / Pneumatic	● / ○	● / ○	● / ○
Fender mounted external: PTO & linkage controls / remote valve	● / ○	● / ○	● / ○
Four pillar 360° cab with FOPS - OECD code 10 level 1 68dB	●	●	●
8 or 12 Halogen lighting pack (roof dependant)	○	○	○
18 or 20 LED lighting pack (roof dependant)	●	●	●
Camera connection	○	○	○
Cab monitor mounting bracket	○	○	○
Pro 1200™ 12 colour monitor	○	○	○
Air conditioning	●	●	●
Automatic climate control	○	○	○
MP3 Bluetooth / DAB radio (hands free phone calls)	○	○	○
TECHNOLOGIES			
AccuGuide guidance ready	○	○	○
Headland Management System II (HMC II)	●	●	●
AccuTurn Pro	○	○	○
ISOBUS (External and in cab connection)	○	○	○
AccuSync boundary, map & guidance line data inter-vehicle sharing	○	○	○
FieldOps™ (connectivity Included)	●	●	●
WEIGHT			
Class 3.6 front axle without FHPL/PTO/Fuel/Operator [kg]	7,600	7,600	7,600
Class 4.1 suspended front axle with FHPL/PTO/Fuel/Operator/710 rear [kg]	8,400	8,400	8,400
Max. permissible weight at 50kph (Class 3.6) [kg]	11,500	11,500	11,500
Max. permissible weight at 50kph (Class 4.1) [kg]	13,500	13,500	13,500
DIMENSIONS			
With rear tyre size radial index	650 to 950	650 to 950	650 to 950
A: Overall length inc. weight pack and rear linkage [mm]	5,003	5,003	5,003
B: Minimum width [mm]	2,549	2,549	2,549
C: Height at centre of rear axle to top of cab [mm]	2,083 to 2,301	2,083 to 2,301	2,083 to 2,301
D: Overall height with GPS [mm]	2,733 to 3,232	2,733 to 3,232	2,733 to 3,232
E: Wheelbase Standard axle [mm]	2,789	2,789	2,789
F: Track width (min. / max.) [mm]	1,556 / 2,268	1,556 / 2,268	1,556 / 2,268
Ground clearance (depends on hitch or tow hook) [mm]	430 to 480	430 to 480	430 to 480

● Standard Equipment   ○ Optional Equipment   — Not available

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

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







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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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