

PUMA® SERIES TRACTORS

CASE IH
AGRICULTURE



BIG IRON POWER AND PERFORMANCE IN A VERSATILE, MID-SIZE TRACTOR.

The new generation of Case IH Puma tractors is flexible enough to handle row crop work, livestock chores, spraying and haying. Comfortable and intuitive, to keep you productive during long days and nights.



OPERATOR ENVIRONMENT

You're spending more time in the field, and we're spending more time improving cab comfort. We started with a big, quiet cab and a 360° view, and added cab suspension and luxury seat options to make your ride even smoother. Then we placed all the key tractor controls on a comfortable armrest. The Case IH MultiControl armrest, first introduced in Puma tractors, has been integrated into the other high horsepower Case IH tractor lines and has become the standard platform in the Puma, Magnum™ and Steiger® tractor series. (For more, see pages 4-5.)

POWER AND PERFORMANCE

There's more horsepower when you need it for tough spots and steep hills, and better engine productivity and fuel economy. Add a transmission that constantly adjusts to provide the best possible balance of power and fuel efficiency – with no programming required – and you'll see what we mean by “improved performance.” (For more, see pages 8-9.)

INTUITIVE INNOVATION

Producers work directly with our design engineers to develop, improve and innovate red iron. Because no one understands the challenges you're facing better than you do. (For more, see pages 10-11.)

MAXIMUM UPTIME

Ground level access for daily maintenance, clean combustion engines and 600-hour oil and filter change intervals – it's all designed to keep you up and running. (For more, see pages 12-13.)



YOU WORK HARD TO PROTECT THE ENVIRONMENT ON YOUR FARM. HERE'S AN ENVIRONMENT DESIGNED TO PROTECT YOU.

This operator environment may seem familiar – the outstanding visibility in all directions, the suspended cab and smooth ride, the MultiControl Armrest that puts all the major tractor controls at your fingertips. It should. It's the same comfortable set-up you'll find in all Case IH Steiger®, Magnum™ and Puma Series tractors.



WE'RE TAKING "CAB COMFORT" TO A WHOLE NEW LEVEL.

Our suspended cab option is a continuously active, stand-alone system that reduces shock loads by 25 percent. A suspended front axle option automatically self-levels according to load. The optional heated Positive Response seat is equipped with a seat suspension sensor that reacts 500 times a second. These features combine to deliver the ultimate smooth, comfortable ride during long days of work, while giving you more precise control of the tractor.

EASY ON YOUR EYES AND YOUR EARS.

The SurroundVision cab gives you plenty of room to move and an unobstructed 360 degree view, for clear sight to front- and rear-mounted implements. The shatterproof roof panel – standard in the Puma 125-160 and Puma 165-225 models – lets you keep an eye on your loader in the raised position. The instrumentation cluster is located on the A post in your line of sight, so you don't have to constantly look down. And it's one of the quietest cabs on the market, so you can use your phone while you work, talk to your partner, or just hear yourself think.



EVERYTHING YOU NEED, RIGHT AT YOUR FINGERTIPS.

Set and control your speed, shift gears, change direction, control the hitch and hydraulics without ever lifting your elbow with the MultiControl armrest and MultiControl handle. It's convenient, comfortable and simple enough for even a rookie hired hand to use.

- A** MULTICONTROL ARMREST
- B** MULTICONTROL HANDLE FOR ENGINE SPEED, GEAR, SHUTTLE, HITCH AND HYDRAULIC REMOTE
- C** FLIP-OPEN COVER FOR ADDITIONAL HITCH AND HYDRAULIC CONTROLS
- D** AFS PRO 700 COLOUR DISPLAY OPTION
- E** SUSPENDED SEAT WITH ACTIVE SUSPENSION
- F** FOLD-DOWN INSTRUCTIONAL SEAT
- G** A-POST INSTRUMENT CLUSTER WITH KEY TRACTOR PERFORMANCE DATA
- H** STANDARD FOOT THROTTLE FOR EASY SHUTTLING



YOU CAN'T CONTROL THE WEATHER, BUT YOU CAN CONTROL THE CLIMATE.

Case IH can equip your Puma with an automatic Climate Control system, a premium heated seat with its own suspension system, or a grid heater starting aid for fast, reliable starts in frigid weather. There's also a High Intensity (HID) lighting option that's five to six times brighter than standard lighting, and lasts 6,000 hours longer – because your work day doesn't always end at sundown.



MORE USABLE HORSEPOWER WHEN AND WHERE YOU NEED IT.

Time is money. So slowing down on hilly terrain, tiptoeing through tough spots in the field, even spending too much time controlling your tractor, can all cost you. The Case IH Puma lineup has plenty of power in a mid-size package, plus features like Power Boost, Power Growth, and the Continuously Variable Transmission (CVT) option – to deliver more power when and where you need it most, while keeping you productive .





YEARS OF EXPERIENCE IN CASE IH MAXXUM TRACTORS – AND MORE RECENTLY THE MAGNUM LINE – PROVE THIS ENGINE’S WORTHY TO POWER YOUR PUMA.

Delivering Efficient Power, all Puma tractors sport a Case IH 6.7-litre, 6 cylinder, turbocharged, intercooled engine. This power plant provides outstanding fuel efficiency and lower operating costs. The engine’s Electronic Common Rail fuel system gives you fast response in changing field conditions. And the extended oil change intervals save you time and maintenance costs.

POWER BOOST KEEPS YOU MOVING AT THE SPEED YOU NEED.

Standard on all Puma tractors, Power Boost delivers additional engine horsepower when you need it. It boosts your engine by up to 35 HP for driving at high speeds or on steep grades during road transport, for PTO operations and to meet the increased hydraulic demands of today’s larger implements. Meanwhile, engine Power Growth reduces the need to shift in tough spots in the field or on hills.



PICK YOUR LEVEL OF POWER AND PERFORMANCE.

Whether you need the agility of the Puma 125–160 tractor models for loader work, or the longer wheelbase and higher horsepower of the Puma 165–225 tractor models to tackle a wide variety of mixed crop and livestock chores – there’s a Puma tractor ready for you.



DURABLE, EFFICIENT POWER. LESS EFFORT. NO PROGRAMMING REQUIRED.

The Case IH Continuously Variable Transmission (CVT) goes easy on you, your wallet, even your new hired hand. Available on all Puma Series tractors, CVT continually adjusts to deliver the best possible balance of power and fuel efficiency. There's no need to program or change your settings, so you can ride easy. Combine that with a powerful engine, and plenty of hydraulics and lift capacity and you're ready for an easy day's work.

COMMAND YOUR PUMA SERIES IN COMFORT

The ergonomic SurroundVision cab allows you to get your work done and still be comfortable enough to move on to the next chore that awaits.

PROVEN PERFORMANCE FROM AN ENGINE READY FOR ANYTHING

The proven 6.7L Case IH engine from FPT provides Puma Series tractors with responsive, fuel efficient power.

AXLES BUILT FOR GETTING MORE DONE.

Standard Mechanical Front Drive (MFD) axle with suspension provides excellent traction in the field, or a durable support for front loader demands.





CVT NOW AVAILABLE ON ALL PUMA MODELS, IMPROVING EFFICIENCY AT EVERY SPEED

Available on selected Puma models, CVT operates from 0 to 48 km/h, with reverse speeds up to 19 km/h – and a creeper speed as low as 20 metres per hour.

SAVE TIME. SAVE FUEL. STOP SHIFTING.

CVT technology automatically selects the best gear ratio for your desired speed. So you don't have to clutch or shift gears.

Just set your speed and the computer finds the sweet spot between power and fuel efficiency. It's simple, intuitive, easy to operate and most efficient when you really need it – working at field speeds.



SAVE UP TO 25 PERCENT ON YOUR FUEL BILL WITH CVT AND DIESEL SAVER.™

CVT delivers the ideal balance of power and fuel efficiency. Meanwhile, Auto Productivity Management (APM) automatically works to reduce engine speed and fuel use when you don't need power. So whether you're creeping along at 30 m per hour or going 50 kph, CVT and APM work together to maximise productivity and fuel savings.

INNOVATIONS BORN IN THE FIELD VS. THE BOARD ROOM. BECAUSE NO ONE UNDERSTANDS THE CHALLENGES YOU'RE FACING BETTER THAN YOU.

Our customers are the driving force behind the best innovations in Puma tractors. That's because Case IH engineers work with producers in the field, then use your feedback to build even better tractors, tools and technologies. We call this process Customer Driven Product Design (CDPD). It's how we meet your demands for power, performance and comfort in the field.





DIESEL SAVER LETS YOU GIVE UP THE GUESSWORK.

There's no more guessing what gear and RPM combination works best for fuel efficiency. The Automatic Productivity Management (APM) system electronically links the engine, transmission, PTO and hitch to the MultiControl armrest and foot throttle. You choose your working speed, and Diesel Saver keeps the ground speed and PTO operation constant – despite tough spots in the field or steep hills. APM operates with the lowest possible engine speed, and automatically finds the best balance to reduce your fuel use and increase productivity.



NO WAITING: PLUG-AND-PLAY AUTOGUIDANCE STRAIGHT FROM THE FACTORY.

It's the fastest growing feature on farm tractors for a reason: autoguidance increases productivity and reduces costs. With the complete factory-installed autoguidance option on Puma tractors, there's no waiting for set-up and prep. You choose your level of precision, and your Puma comes ready to plug and play.



RUGGED COMPONENTS AND EASY MAINTENANCE. BECAUSE THERE'S NO TIME FOR DOWN-TIME.

It's the nature of farming today – producers need to cover more ground in less time. You can't afford to be sidelined for costly service or lengthy maintenance. That's why we engineered Puma tractors with rugged Case IH components proven to provide years of reliable service. And why we added features like the easy-opening hood, convenient service steps to the cab and a right-hand service access door for easy cleanout and serviceability. We also made sure that daily maintenance checks are quick, easy – and at eye level.





AN ENGINE THAT ACTUALLY SAVES YOU TIME AND MONEY.

Oil and filters are a significant maintenance cost. On Case IH clean combustion engines, our 600-hour engine oil and filter service intervals save you time and money.

KEEP YOUR BOOTS ON THE GROUND.

With ground-level maintenance access, you check the engine and transmission oil without raising the hood. And the radiator and coolers fold out for easy cleaning.



YOUR PUMA NEEDS TO RUN THE FIRST TIME, AND EVERY TIME.

Case IH high-quality manufacturing means your tractor and components live a longer life, offer exceptional productivity and reduce your cost of ownership. For instance, the helical cut gears reduce noise levels and increase durability, quality and reliability, while delivering more efficient transfer of power.



LIGHTS TO LET YOU RUN AT NIGHT.

When working all day isn't enough, Case IH High Intensity Discharge (HID) lights produce three times the light of conventional halogen bulbs. They're more durable than filament bulbs, and require about 40 percent less power, which reduces the load on your alternator.

PLUG AND PLAY AUTOGUIDANCE READY — RIGHT FROM THE FACTORY.

It's the fastest growing feature on farm tractors for a reason. Autoguidance increases productivity and reduces costs. All Puma tractors can now be ordered AFS AccuGuide complete right from the factory. So your precision system is ready to go when your Puma rolls off the line. The benefits? Building the system with the tractor at the plant ensures correct installation, testing and quality. You can roll your precision system into your Puma financing package. And installation and set-up at the dealership moves that much faster.



PRECISION COMPONENTS THAT FIT THE WAY YOU FARM.

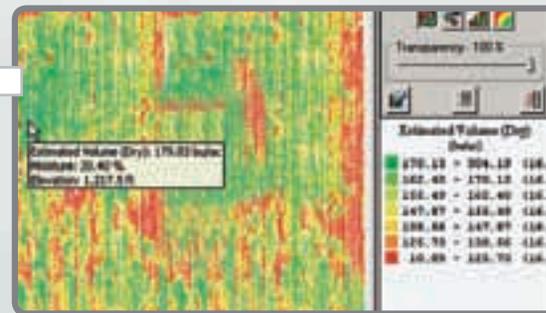
AFS AccuGuide is an easy-to-use autoguidance system that eliminates the need to steer in open fields. You choose the level of accuracy, from 1-foot to sub-inch, depending on your needs. The display, controller and receiver are fully portable – they can move freely from tractor to sprayer to combine.

STRAIGHT. IDENTICAL. REPEATABLE.

The Case IH AFS AccuGuide system saves input costs by maintaining perfectly straight, repeatable rows, reducing skips and overlaps and eliminating the guesswork of row spacing. It also controls traffic patterns and decreases compaction, setting you up for higher yields. Less steering, less waste, less guesswork, less stress. It all adds up.

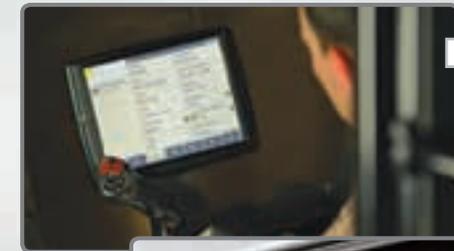
GROW THE WAY YOU WANT TO.

From tractor guidance to row shutoff on your planter, yield and moisture mapping on your combine, to variable rate technology on your sprayer, Case IH can personalise your precision level to match your comfort level.



SAVE TIME AND FRUSTRATION WITH THE PRO 700 MONITOR.

Its large screen is easy to read and operate, and it's conveniently located on either the armrest or the monitor mounting bar – whichever you choose. In addition to guidance, the Pro 700 display also integrates all Puma tractor settings and performance metrics. One touch screen color monitor does it all.



THERE'S MORE THAN JUST OUR TRACTORS WORKING IN YOUR FIELDS.

Case IH has added professionals in the field to support your operation. Our dealers have the experience to equip you with the right iron, implements and innovations to keep you moving. Parts and service technicians have the expertise to assist you before, during and after the sale. CNH Capital will work with you to customise financing solutions to identify what works best for your situation. It's an integrated equipment, maximum service and financing options in one package – all focused on getting you ready for whatever comes next for you and your farm.

KNOWLEDGEABLE DEALERS THAT WORK WITH YOU.

Your Case IH dealer understands you need an optimum return on your investment. That means fitting the right horsepower and capabilities with the tools and implements that best fit your farm. Your dealer can recommend the appropriate options package, with proper tyres, weighting and ballasting packages for optimum performance. And we will analyse results with you, field by field.



STANDARD REDCOVER PLUS PROTECTION PLAN (SPP).

At Case IH we understand the importance of your product being serviced and maintained in good working order when it counts. We recognise you expect your product will deliver on the ever increasing productivity demands. Case IH customers deserve the additional peace of mind of knowing your product is covered should the unexpected occur with 3 years / 3000 hour standard REDCover Plus Protection Plan (SPP).



OFFERING FINANCIAL SOLUTIONS FOR MORE THAN 50 YEARS.

CNH Industrial Capital's extensive experience in the agricultural industry has created a deep understanding of your unique needs. Competitive equipment financing with flexible payments can be timed to your cash flow. Or, conserve capital and reduce upfront payments with operating lease options. For other needs, choose from commercial revolving accounts specific to the agricultural industry. We can even help you protect your equipment investment with a wide variety of insurance and equipment protection products. There are financing options that fit the way you farm. CNH Industrial Capital helps you find them.



COMMITMENT THAT DOESN'T END WITH THE SALE

For some equipment manufacturers, the sale completes the customer transaction. After that, any relationship with the customer is largely one supported through the service department. Not at Case IH. For us, the sale is just a part of the ever-evolving customer support process. Both our after-market support and our Customer Driven Product Design process are designed to keep you as productive as possible and a satisfied life-long Case IH customer. Because at Case IH, we know the best way to help you meet today's tough agricultural challenges is to listen, and keep listening, to what works for you.



DESIGNED FOR LOADER WORK, WITH ADDED INNOVATIONS THAT LIGHTEN YOUR LOAD.

Case IH Puma tractors are engineered for loader chores, with great visibility without blind spots, and conveniently located loader controls. Through our Customer Driven Product Design (CDPD) process, we've developed additional features that make a long day of loader work easier – and keep you more comfortable. Features like Turn Assist, the MultiControl Armrest and electro-hydraulic joystick. It's all designed to let you move more loads with less effort.

A CLEAR VIEW AND ROOM TO MANEUVER.

The new sculpted hood improves visibility and maneuverability, for a tighter turning radius and more room for the tyres in uneven terrain.

HYDRAULIC POWER AND CONTROL – READY WHEN YOU NEED IT.

The powerful Pressure Flow Compensating (PFC) load-sensing hydraulic system ensures responsive control. It reduces heat load on the tractor, and leaves more power ready for the loader.



WORK YOUR LOADER LONGER, WITH LESS EFFORT AND FATIGUE.

With Turn Assist, you can make full left or right turns by turning the steering wheel just 8 degrees, making long hours of loader cycling an easier task.



KEY TRACTOR FUNCTION AND LOADER CONTROLS, ALL WITHIN EASY REACH.

Thanks to the MultiControl armrest and electro-hydraulic joystick, you have key controls literally at your fingertips. The MultiControl armrest controls the throttle, transmission, forward-reverse shuttle, the No. 1 hydraulic valve and the 3-point hitch. The electro-hydraulic joystick controls the loader and rear remotes. Through the touch of a button on the MultiControl armrest's integrated control pad, you can program the joystick to operate up to four electronic rear remote valves – a handy way to control implements like swing frame mowers and rear blades.



	Standard Wheel Base						Long Wheel Base				
	Puma 125	Puma 130	Puma 140	Puma 145	Puma 155	Puma 160	Puma 165	Puma 180	Puma 195	Puma 210	Puma 225
ENGINE											
PTO Horsepower at Rated RPM	107	106	122	121	138	135	167	182	197	213	224
Engine Power Boost*	28	45	27	45	29	42	37	36	37	25	23
Cylinder/Displacement (L)	6/6.728										
Number of Valves	24										
Emission level	Tier 3	Tier 4	Tier 3	Tier 4	Tier 3	Tier 4	Tier 3				
Aspiration	Turbocharged/ Intercooled										
ELECTRICAL											
Alternator - Standard / Optional	125A	150A	125A	150A	125A	150A	150A	150A	150A	150A	150A
Battery Capacity	176 (Ah)										
TRANSMISSION											
18 speed full power shift 18F x6R	-	-	-	-	-	-	-	-	-	-	-
19 Speed full power shift 19F x6R with 19th Economy gear (40 km/h)	Standard	-	Standard	-	Standard	-	Standard	Standard	Standard	Standard	Standard
Creep speeds with additional 10F x6R	Optional	-	Optional	-	Optional	-	Optional (With Powershift)				
CVT	-	Standard	-	Standard	-	Standard	Standard	Standard	Standard	Standard	Standard
PTO - rpm	540/750/1000						540/540E/1000				
AXLE											
Standard rear diameter	1870 (mm)						1840-1926 (mm)				
Rear axle length - Standard	Flange axle – Classic/98" Bar – Ultimate						98" or 112" Bar				
Rear axle length - Optional	112" Bar						N/A				
Suspended front axle	Class 4										
Front axle tread adjustability	74.8" (1900 mm)						60-88" (1524-2235 mm)				
Wheelbase (mm)	2739	2789	2739	2789	2739	2789	2884	2884	2884	2884	2884
HYDRAULICS											
Hydraulic type	OC						OC				
Remotes - Standard / Optional	3/4/5										
Main/Implement pump flow - Standard / Optional	113 lpm	125/140 lpm	113 lpm	125/140 lpm	113 lpm	125/140 lpm	28/35 gpm / 35/40 gpm	28/35 gpm / 35/40 gpm	28/35 gpm / 35/40 gpm	28/35 gpm / 35/40 gpm	28/35 gpm / 35/40 gpm
Steering and services pump flow (l/min)	65						66				
3 - point hitch category	II/III										
Standard hitch capacity	10,901 lb. (4945 kg)	7419 lb. (3365 kg)	10,901 lb. (4945 kg)	7419 lb. (3365 kg)	10,901 lb. (4945 kg)	7419 lb. (3365 kg)	10,900 lb. (4945 kg)	10,900 lb. (4945 kg)	10,900 lb. (4945 kg)	10,900 lb. (4945 kg)	10,900 lb. (4945 kg)
Optional hitch capacity	14,746 lb. (6689 kg)	7868 lb. (3569 kg)	14,746 lb. (6689 kg)	7868 lb. (3569 kg)	14,746 lb. (6689 kg)	7868 lb. (3569 kg)	13,600 lb. (6165 kg)	13,600 lb. (6165 kg)	13,600 lb. (6165 kg)	13,600 lb. (6165 kg)	13,600 lb. (6165 kg)
CAPACITIES											
Fuel tank	300	330	300	330	300	330	405PS/412CVT				412CVT
Hydraulic system (litres)	78	68	78	68	78	68	84	84	84	84	84
CAB											
Glass area m ²	5.45										
Sound Level db (A)	71	71	71	71	72	71	70	70	70	70	70
SHIPPING WEIGHTS AND DIMENSIONS											
Minimum weight kg	5650	6100	5650	6100	5650	6100	7300	7300	7300	7300	7300
Permissible total weight kg	10,500	11,000	10,500	11,000	10,500	11,000	12,000	12,000	12,000	12,000	12,000

*Power boost available during mobile PTO/hydraulics/transport operation. **2200 rpm for road transportation and hydraulic work, limited @ 2100 rpm for PTO and low ranges/gears. ***Average Standard Weight is based on the standard tractor, w/18.4R38 less front weight bracket, without operator and minimum fuel.



SAFETY NEVER HURTS!™ Always read the Operator's Manual before operating 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. CNH Industrial Australia Pty Ltd reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold. Specifications, descriptions and illustrative material herein are as accurate as known at time of publication, but are subject to change without notice. Availability of some models and equipment builds varies according to the country in which the equipment is used. This brochure contains overseas images. Specifications and attachments shown may not be available in Australia. ©2014 CNH Industrial Australia Pty Ltd. All rights reserved. Case IH is a registered trademark of CNH Industrial America LLC. Any trademarks referred to herein, in association with goods and/or services of companies other than CNH Industrial America LLC, are the property of those respective companies. Printed in Australia. www.caseih.com

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