

MAXXUM® CVT 110 – 130 CVT TRACTORS

CASE IH
AGRICULTURE



DISCOVER THE POWER OF TECHNOLOGY AT ITS BEST.

Case IH Continuously Variable Transmissions (CVT) technology is now available for Maxxum series tractors, on the 110, 120 and 130 CVT model options. First introduced into the North American market with the Puma® family of tractors in 2008, Case IH CVT simplifies tractor operation while also delivering the best balance of power and fuel efficiency.



COMFORTABLE SURROUNDVISION CAB.

The SurroundVision cab with 63.2 sq. feet of glass area provides unobstructed vision in all directions, including a high-visibility roof panel with opening window. The sloped hood and roof window offer unobstructed views of implements – making it ideal for front loader work. Improved air conditioning controls, suspended cab and adjustable steering column all provide operator comfort for enhanced productivity.



MULTI-CONTROL ARMREST.

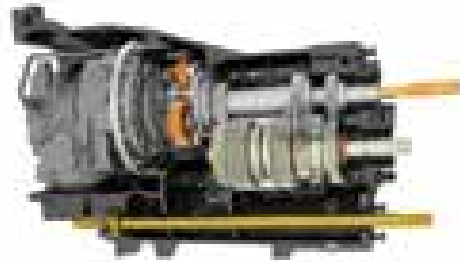
The Multi-Control armrest moves with the seat, providing easy access to all tractor functions, allowing the operator to watch and control the implement at work. Guided by customer input, Case IH engineers upgraded the Multifunction handle with new larger, raised, backlit buttons with a more distinct touch to differentiate functions by size and touch alone, making operation even simpler.





ADVANCED ENGINE TECHNOLOGY.

The engine delivers a true power boost with 10% more power at just 1,900 rpm with exceptionally low fuel consumption. The turbocharged and intercooled 4-cylinder engine, with 4.5 liter capacity and electronic common rail injection features the proven Case IH FPT SCR-only emissions technology, for increased performance and efficiency.



EFFICIENT TRANSMISSION TECHNOLOGY.

The new, highly efficient CVT transmission takes you from 0 to 30 mph smoothly and without torque interruption. The Active Stop feature provides a powered neutral which prevents tractor movement, even with fully loaded trailers on steep slopes. The double clutch technology allows you to shift working ranges seamlessly, optimizing transmission performance to deliver a smooth ride and high fuel efficiency.



HYDRAULICS DELIVER POWER WITH PRECISION.

The hydraulic system is powered by a closed center load sensing pump, delivering up to 125 liters per minute. The rear lift capacity is up to 7,950 lbs. per OECD static test through the entire range. Up to 7 remote valves can be supplied, 4 on the rear and 3 in the front. Front hitch and front PTO are available for best productivity. Case IH L705 Premium series front loaders are available on all Maxxum CVT models.



THE SUSPENSION MAKES ALL THE DIFFERENCE.

The optional suspended front axle enhances the operator's comfort by providing a smooth ride. The driver experiences less pitching when travelling at speed with mounted implements. The suspended cab comes standard giving the operator the ultimate in ride control.



AFS – ADVANCED FARMING SYSTEMS.

Case IH AFS systems help you maximize your efficiency, with the ability to connect ISOBUS implements for greater interactive control of their performance from the cab, and autoguidance solutions that operate with pinpoint accuracy. The optional integrated AFS Pro 700 control center gives you a clear at-a-glance view of all the important data such as fuel consumption or engine and PTO rpms. You can also adjust vehicle settings quickly and easily for various implements and different working conditions.

MAXXUM CVT SPECIFICATIONS	MAXXUM 110 CVT	MAXXUM 120 CVT	MAXXUM 130 CVT
POWER			
Type	Tier 4A with Selective Catalytic Reduction (SCR)		
Engine HP @ Rated 2,200 RPM ISO/ECE R120 (CV)	110	121	131
Maximum Engine HP @ Rated 1,900 RPM ISO/ECE R120 (CV)	121	133	143
Engine Power Boost*	Up to 22 additional engine hp		
Engine Maximum Boosted HP - ISO/ECE R120 (CV)	143	154	163
PTO HP at Rated 2,100 RPM [†] /SAE	90	100	110
Cylinders/Number of Valves/Displacement	4 cyl/16/4.5L (273 cu in)		
Aspiration	Cross-Flow Aspiration/Turbocharged		
ELECTRICAL			
Alternator Std./Optional	120 Amps Standard/150 Amps Optional		
Battery	12 Volt - 1,300 CCA		
TRANSMISSION/PTO			
Standard (Base)	25 mph/40 kph Continuously Variable Transmission (CVT)		
Optional	30 mph/50 kph Continuously Variable Transmission (CVT)		
Creepers Speeds @ Rated Engine RPM	Minimum target speed - 66 feet per hour		
PTO	540/1000 rpm 1 3/8 in. reversible shaft		
AXLES			
Standard Rear Axle	Flange		
Bar Axle Diameter - Optional	3 3/8 in (92mm)		
Rear Bar Axle Length - Optional	98 in. (2 489 mm)		
Front Axle - Standard	Std-class 3 MFD		
Front Axle - Optional	Opt-class 3 MFD suspended; Class 4 MFD; Class 4 MFD suspended		
MFD Tread Adjustability - Front Axle 24" & 28" Rims	61.4 in-88.8 in. (1 560-2 256 mm)		
Wheelbase Standard/Suspended Front Axle	94.0 in. (2 387 mm) / 96.0 in (2 439 mm)		
HYDRAULICS/HITCH			
System Type	Pressure flow compensating (PFC)		
Remotes - Standard/Optional	3 Electrohydraulic/4 Electrohydraulic		
Main Implement Pump Max Flow Capacity	33 gpm (125 l/min)		
Steering/Secondary Pump Capacity	12.4 gpm (47 l/min)		
Standard Tractor Hydraulic Total Flow Capacity	38.9 gpm (147 l/min)		
Max Flow Available @ One Remote	26.5 gpm (100 l/min)		
3-Point Hitch Category	Cat II standard/Cat II/IIIN Optional		
Hitch Lift Capacity - Std. (80 mm)/Optional (90 mm)	6,700 lbs (3 039 kg) / 7,950 lbs (3 606 kg)		
Mid-Mount Valve - Optional	2 or 3 Function		
CAPACITIES			
Fuel Tank	46.2 gal. (175 L)		
Diesel Exhaust Fluid (DEF) Tank	9.7 gal. (37 L)		
Engine Oil with Filter	19.5 U.S. gal. (75 L)		
Hydraulic Fluid	16 U.S. qt. (15 L)		
CAB			
Cab Suspension	Standard		
Glass Area - Including Standard Hi-Vis Roof	63.2 sq. ft. (5.9 m ²)		
WEIGHT			
Average Standard Weight ^{††} lb(kg) w/ Std Front Axle	11,500 lbs (5 216 kg)		

* Power boost available during mobile PTO/transport operation. [†] 2,200 rpm for road transportation and hydraulic work, limited @ 2,100 rpm for PTO and low ranges/gears.

^{††} Average Standard Weight is based on the standard tractor, w/18.4R38 tires less front weight bracket, without operator and minimum fuel.



MAXXUM SERIES TRACTORS — THE MULTI-PURPOSE WORKHORSE.

Maxxum tractors are nimble, with the right amount of horsepower to get the job done, and are designed to handle the multiple tasks of livestock operations, row-crop applications and mixed farm enterprises. Now with the addition of the Case IH CVT transmission, Maxxum tractors make your work load even more efficient.

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 while maintaining power to the ground—perfect for row crop applications. It easily handles the stops and starts of livestock operations and the forward/reverse repetitions of loader work. And best of all, it's simple, intuitive and easy to operate.



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 America LLC 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.

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