

CLAAS

Expectations become reality.

The new AXION 8 CMATIC.



Expectations become reality?

Challenge accepted. With the new AXION 8 CMATIC.

Farmers and contractors face tough challenges year after year and expect maximum reliability and profitability from their tractors in the premium segment.

The new AXION 8.240, 8.270 and 8.290 models with up to 310 hp are more than up to the job – combining a high level of investment security with the latest operator assistance systems and clever digital solutions.

Our local dealerships provide excellent service support and reliable parts supply. So the AXION 8 CMATIC is always ready with the right answer.

Find out more.
axion8.claas.com



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Efficient Performance

Achieve more with less?

Challenge accepted.
With the new AXION 8 CMATIC and its smart power concept.

The AXION 8 with the CMATIC continuously variable transmission and the CEMOS assistance system increases operator productivity. Up to 313 hp with DYNAMIC POWER ensures outstanding performance for demanding tasks.

Maximum productivity.

- Long wheelbase and 50/50 weight distribution for maximum tractive performance and optimal manoeuvrability.
- The CEMOS assistance system significantly reduces fuel consumption by calculating the optimum ballast and tyre pressure for the job. Automatic engine droop adjusts the engine speed dynamically, which further reduces consumption.
- CMATIC continuously variable transmission – precisely matched to the new CLAAS drive controller – for smooth power transmission

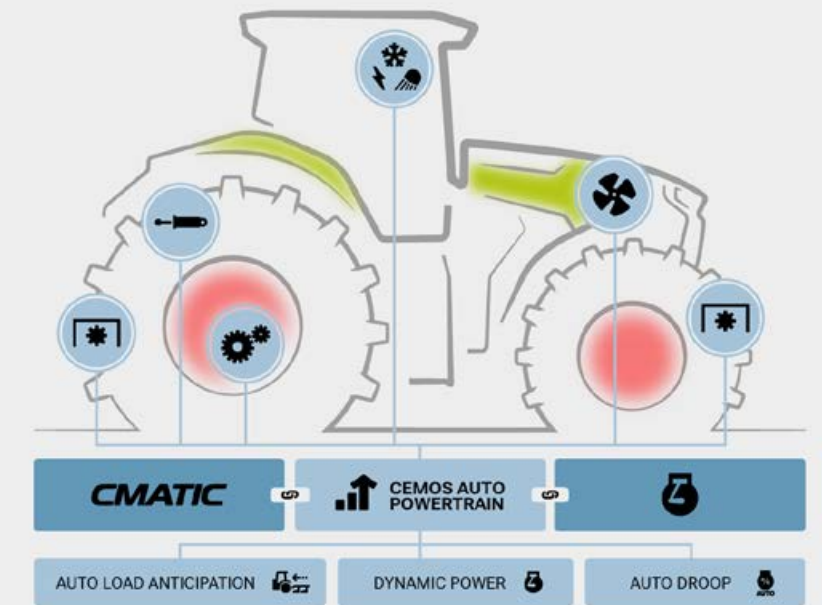


Real-time monitoring of performance data.
connect.claas.com



▲ Increased hydraulic output with 3/4-inch couplings and oil flow of up to 205 l/min for fuel-efficient work with demanding implements.

240 to 313 hp with
DYNAMIC POWER for
demanding applications.



▲ DYNAMIC POWER intelligently distributes the available power to all consumers and automatically reduces it in partial-load operation. So you get just the amount of power you need to work efficiently.



▲ In the field, during PTO work or on the road, the proven AXION drivetrain delivers optimum efficiency.



Uptime & Profitability

Greater operational reliability with optimised total costs?

Challenge accepted. With the new AXION 8 CMATIC – it really earns its keep.

▲ Maintenance intervals have been reduced and extended to 750 operating hours. The 463-litre diesel tank enables long working days without frequent refuelling stops.

AXION 8 CMATIC: maximum performance meets uncompromising reliability. Farmers and contractors need tractors that are reliable as well as powerful and versatile to meet the tough challenges they face. The new AXION 8 CMATIC was developed specifically to address these requirements. Manufactured in one of the most cutting-edge tractor factories in the world, it demonstrates impressive reliability and durability.



Higher operational reliability.

- Transparent cost planning through CLAAS MAXI CARE with protection for up to 8000 operating hours or eight year
- Less wear and more safety on the road with self-protecting drivetrain and automatic stretch brakes
- High reliability day-in, day-out – backed by over 20 years' experience in the 200 to 300 hp segment



▲ Plan, monitor and document your tasks in the office or on the move with online task management from CLAAS connect. Your dealership is happy to help with all digital matters.



Operator Centricity

Place the operator centre stage?

Challenge accepted. With the new AXION 8 CMATIC tailored to the operator.

The AXION 8 CMATIC is geared towards the operator and offers an exceptionally comfortable and productive working environment. The particularly quiet and spacious cab with improved suspension, exclusive Premium seat with massage function and ergonomic footrest are designed for relaxed work, even on long days.

A digital camera system with up to five cameras, including wide-angle function and optimised lighting package, improves safety and visibility around the tractor.

Spacious and quiet enough for complete concentration.

▼ The customisable CEBIS connect terminals and ergonomic CMOTION multifunction control lever give you precise and intuitive control of all key functions.



Comfortable, productive and safe

- Wide steps with LED-lit aluminium treads for safer entry and exit.
- Premium workplace with large, noise-reduced cab (67 dB) and plenty of well-designed storage compartments
- Optimised cab and front axle suspension for innovative ride comfort and stable handling
- Premium operator's seat swivels through 50° and features massage function and ergonomic footrest to help you stay relaxed even on long working days
- Option to create customised views in the CEBIS connect terminals and up to 30 storable hydraulic and ISOBUS functions via the ELECTROPILOT joystick
- Comfortable control of the front and rear linkage with haptic confirmation of stored positions
- Easily accessible maintenance points and quick-start button for the electronics located on the step save considerable time

▼ Vibration damping on the front and rear mounting points perfectly matched to the new cab and seat suspension for a safe and comfortable ride.





Even more digital options?

Challenge accepted. The future starts right now with the new AXION 8 CMATIC.

Farms with high workloads and complex workflows must use their machines efficiently and keep track of all operations. The AXION 8 CMATIC helps by boosting productivity and at the same time reducing the operator's workload.

Modern assistance systems, automation and connectivity make it a strong and dependable partner for farm managers and operators – from planning to execution in the field.

▼ Remote Display View provides operators with remote assistance via the tractor display.



Full control and simple management.

- More relaxed operation with online documentation and reference track management in CLAAS connect
- The CEMOS operator assistance system offers optimal operator support for maximum efficiency
- Running in the background, automatic engine droop finds the optimal engine speed for any application.

Intelligent assistance.
Comprehensive automation.



▼ The two new CEBIS connect terminals offer you intuitive and straightforward control of tractor settings, ISOBUS implements, track guidance and documentation.



▼ You can transfer tasks online straight to the customisable terminals via CLAAS connect.



Be the best in the field?

Challenge accepted. With an intelligently connected Seed Green fleet.



The soil is the most valuable capital in arable farming. We must treat it as gently as possible to continue producing top-quality harvests in the future.



Some machines only feel good when they are being pushed to their limits. Doing what they are built to do. Like the LEXION, JAGUAR, XERION – and of course the new AXION. With the new AXION 8, three formidable sparring partners have now joined them on the field. The versatile AXION 8.240, 8.270 and 8.290 tractors are the latest additions to the AXION family. Welcome to the Seed Green fleet!

For decades CLAAS has been supplying farming professionals throughout the world with high-performance machines tailored to their field activities which facilitate the smooth running of all operations. The intelligently connected machines and systems enable farmers to be the best in their field.

AXION		8.290	8.270	8.240
Engine				
Number of cylinders / displacement	cm³	6 / 6728	6 / 6728	6 / 6728
Variable geometry turbo		●	●	●
Max. output with Dynamic Power (ECE R 120)	kW / hp	230 / 313	214 / 291	194 / 264
Max. output (ECE R 120)	kW / hp	214 / 290	199 / 270	177 / 240
Type approval value max. output / rated output ^{1, 2}	kW	230 / 218	214 / 204	194 / 186
Max. torque	Nm	1282	1215	1132
Engine speed at max. torque	rpm	1400	1400	1400
Maximum tank volume	l	463	463	463
Oil-change interval	h	750	750	750
CMATIC continuously variable transmission				
Min. ground speed at rated engine speed	km/h	0,05	0,05	0,05
Max. speed	km/h	50	50	50
Hydraulics				
Max. output (standard)	l/min	150	150	150
Max. output (optional)	l/min	205	205	205
Linkage				
Max. lift capacity at ball ends, rear	kg	10200	10200	9700
Hydraulic stabilisers		○	○	○
Max. lift capacity at ball ends, front	kg	5900	5900	5900
Cabs				
Display		Dashboard terminal, CEBIS connect 12-inch monitor, 12-inch additional monitor		
ELECTROPILOT		1 level und 10 function keys, 3 levels and 30 function keys		
Driver's seat		Swivels 40° to the right, heated, ventilated, side suspension, massage function, fabric or leather		
Infotainment		Radio sound system DAB+, 4 loud speakers, subwoofer		
Comfort		Footrests, compressed air connection, extra cool box		
Lighting		28000 lumen with 20 LED work lights, 56000 lumen with 22 LED work lights		
Operator assistance and data management systems				
CEMOS		●	●	●
GPS PILOT ready		●	●	●
Machine connect – 5-year licence		●	●	●
Dimensions and weights				
Wheelbase	mm	2980	2980	2980
Tare weight	kg	10150 - 10650	10150 - 10650	9950 - 10450

CLAAS continually develops its products to meet customer requirements. This means that all products are subject to change without notice. All descriptions and specifications in this brochure should be considered approximate and may include optional equipment that is not part of the standard specifications. This brochure is designed for worldwide use. Please refer to your nearest CLAAS dealer and their price list for local specification details. Some protective panels may have been removed for photographic purposes in order to present the function clearly. To avoid any risk of danger, never remove these protective panels yourself. In this respect, please refer to the relevant instructions in the operator's manual. All technical specifications relating to engines are based on the European emission regulation standards: Stage. Any reference to the Tier standards in this document is intended solely for information purposes and ease of understanding. It does not imply approval for regions in which emissions are regulated by Tier.

¹ Compliant with UN ECE R 120

² Performance data fit criteria for admissibility



Efficient performance

- Maximum productivity
- Exceptional versatility
- Powerful hydraulics



Uptime & Profitability

- Predictable costs
- Flexible service solutions
- Reduced maintenance intervals



Operator Centricity

- Reduced noise level
- Maximum driving comfort
- Customisable controls



Assistance & Automation

- CEBIS connect tractor management
- Automated tasks
- CEMOS assistance system

We want to make you the best in your field.

In everything we do, the focus is on you, our customers. We understand your daily challenges. Together with you, we develop agricultural technology ensuring you can farm successfully and sustainably today and in the future. Our digital solutions simplify complex processes and make your work so much more convenient.

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