



CLAAS



A front-facing view of a CLAAS AXION 8 CMATIC tractor in a field. The tractor is yellow and black, with large, treaded tires. It is positioned in the center of the frame, moving towards the viewer. The background shows a field of harvested crops under a cloudy sky. The tractor's headlights and mirrors are visible. The overall scene is a promotional image for the tractor.

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 313 hp, are more than up to the task – 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 a reliable supply of replacement parts. So the AXION 8 CMATIC is always ready to deliver.

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 its CMATIC continuously variable transmission and CEMOS assistance system, boosts the driver's productivity. Up to 313 hp with DYNAMIC POWER delivers outstanding performance for demanding tasks.

Maximum productivity.

- Long wheelbase and 50/50 weight distribution for maximum tractive performance and optimal maneuverability.
- The CEMOS assistance system significantly reduces fuel consumption by calculating the optimum ballast and tire 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.

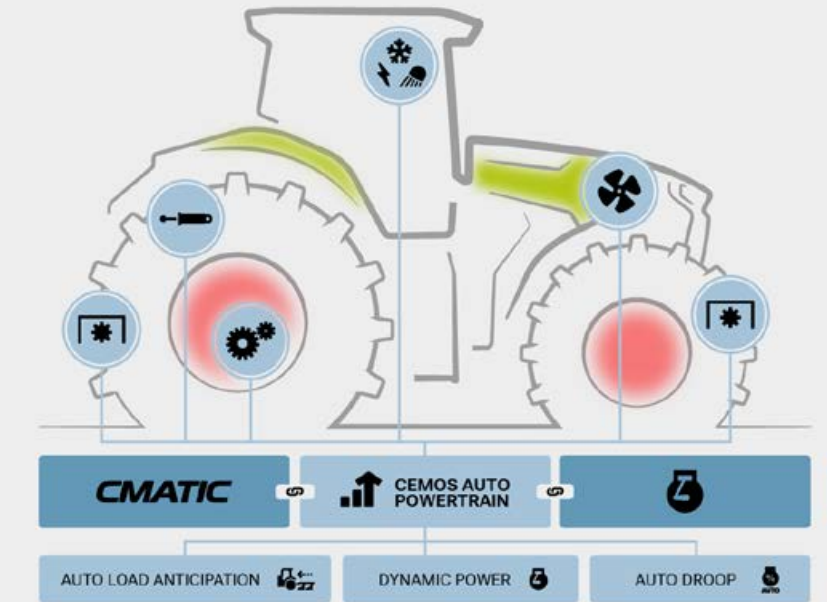


Real-time monitoring of performance data.
connect.claas.com

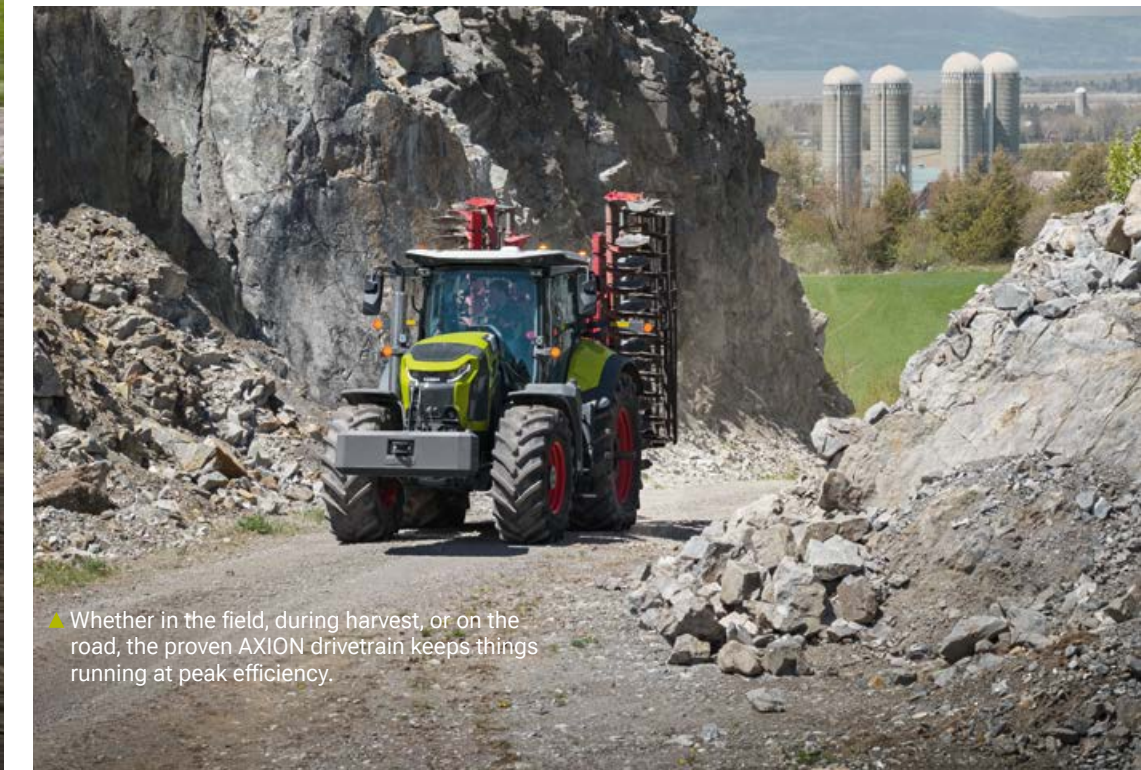


240 to 313 hp with
DYNAMIC POWER for
demanding applications.

▲ Increased hydraulic output with ¾-inch couplings and oil flow of up to 54 gpm (205 l/min) for fuel-efficient work with demanding implements.



▲ 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.



▲ Whether in the field, during harvest, or on the road, the proven AXION drivetrain keeps things running at peak efficiency.



Uptime & Profitability

Greater operational reliability with optimized total costs?

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



▲ Maintenance intervals have been extended to 750 operating hours. The 122 gallons 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 5000 operating hours or five years
- 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 go with CLAAS connect's online task management system. Your local dealer is happy to help with all your digital needs.



Operator Centricity

Place the operator center stage?

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

The AXION 8 CMATIC is designed specifically for the operator and offers an exceptionally comfortable and productive working environment. The exceptionally quiet and spacious cab, featuring improved suspension, an exclusive premium seat with a massage function, and an ergonomic footrest, keeps you comfy even on long workdays.

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

Spacious and quiet enough for complete concentration.



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
- Optimized cab and front axle suspension for outstanding 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.





Assistance & Automation

Even more digital possibilities?

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

Farms with a high workload and complex workflows require efficient use of their machinery and the ability to keep track of all operations. The AXION 8 CMATIC boosts productivity while 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 field application.

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



Full control and simple management.

- Stress-free workflows using 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 determines 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 customizable terminals via CLAAS connect.



Be the best in the field?

Challenge accepted. With smart, 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 reveal their true potential when 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 impressive sparring partners have now joined them in the field. The versatile AXION 8.240, 8.270 and 8.290 tractors are the latest members of 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		8.240	8.270	8.290
Engine				
Number of cylinders / Cubic capacity	l	6.7	6.7	6.7
Variable geometry turbo		●	●	●
Max. output with DYNAMIC POWER (ECE R 120) ¹	kW/hp	194/264	214/291	230/313
Max. output (ECE R 120) ¹	kW/hp	177/240	199/270	214/290
Type approval value Maximum output / Rated output (ECE R 120) ^{1, 2}	kW/hp	194/186	214/204	230/218
Max. torque	Nm/lbft	1132/835	1215/896	1282/945
Engine speed at max. torque	U/min	1400	1400	1400
Maximum fuel tank capacity	l / gallons	463 / 122	463 / 122	463 / 122
Oil-change interval	h	750	750	750
CMATIC continuously variable transmission		●	●	●
Min. speed at rated engine speed	km/h	0.05/0.03	0.05/0.03	0.05/0.03
Max. speed	km/h	50/31	50/31	50/31
Hydraulics		●	●	●
Max. output (standard)	l/min	205/54	205 / 54	205 / 54
Linkage		●	●	●
Max. lifting capacity at rear ball ends	kg / lbs	9700 / 21385	10200 / 22487	10200 / 22487
Hydraulic stabilisers		○	○	○
Max. lift capacity at front ball ends	kg / lbs	5900 / 13007	5900 / 13007	5900 / 13007
Cabin				
Display		Dashboard terminal, CEBIS connect 12" monitor, 12" additional monitor		
ELECTROPILOT		1 level und 10 function keys, 3 levels and 30 function keys		
Driver's seat		50 degrees swivel, heated, ventilated, lateral suspension, massage, fabric, leather		
Infotainment		Radio sound system DAB+, 4 speakers, subwoofer		
Comfort		Footrests, compressed air connection, extra cool box, storage compartments		
Lighting		28000 lumens 20 LED lights, 56000 lumens 22 LED lights		
Operator assistance and data management systems				
CEMOS		●	●	●
GPS PILOT ready		●	●	●
Machine connect – 5-year licence		●	●	●
Dimensions and weights				
Wheelbase	mm / inch	2980 / 117	2980 / 117	2980 / 117
Empty weight	kg / lbs	9950-10450 / 21936-23038	10150-10650 /22377-23480	10150-10650 / 22377-23480

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.

● standard ○ optional □ available – not available

¹ Meets ISO TR 14396



Efficient performance
Maximum productivity
Exceptional versatility
Powerful hydraulics



Uptime & Profitability
Predictable costs
Flexible service solutions
Reduced maintenance intervals



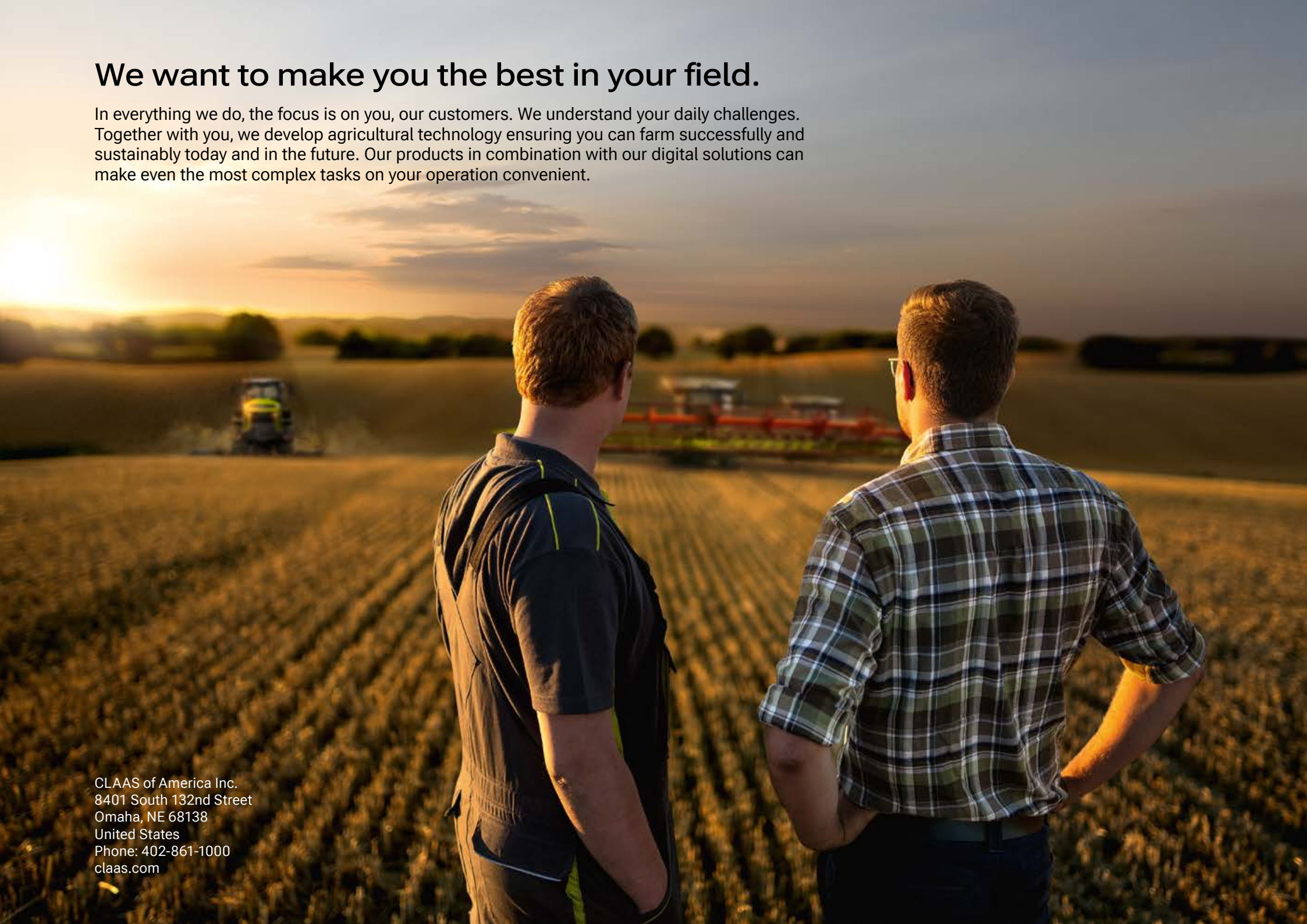
Operator Centricity
Reduced noise level
Maximum driving comfort
Customisable controls



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 products in combination with our digital solutions can make even the most complex tasks on your operation convenient.

A photograph of two men standing in a vast agricultural field at sunset. The man on the left is wearing a dark blue polo shirt with yellow accents and dark trousers. The man on the right is wearing a green and white plaid shirt and dark trousers. They are both looking towards the horizon where a yellow combine harvester is working. The sky is a mix of orange, yellow, and blue, and the field is filled with golden-brown crops.

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