



Tractors

ARION 5 CMATIC

CLAAS



**Agile by nature.
Ready when it counts.
Challenge accepted.
With the new ARION 5 CMATIC.**

Not every farm needs a large tractor. But every farm needs the right tractor. The work constantly changes throughout the day on dairy, forage-producing and mixed farms: from grassland to road, from precise fieldwork to front loader operations in the yard. What matters is agility, efficiency and the ability to effortlessly handle a wide variety of tasks.

The new ARION 5 CMATIC is a compact, agile and versatile machine that can help you with any task. Its exceptional comfort and intelligent assistance systems ease your working day. When the job changes faster than the weather, the right tractor is more important than size.



▲ CLAAS connect, task management and real-time data checking.
Page 20



▲ The GPS PILOT CEMIS 1200 steers the tractor with great precision and also assists you with planning, executing and documenting tasks.
Page 18



▼ Spacious, quiet and with full suspension. The ARION 5 cab is your comfort zone, where you can relax and work all day long.
Page 14



Continuous, intuitive and agile.

▲ A smooth yet surprisingly agile drive. The CMATIC continuously variable transmission transfers power optimally and automatically in every speed range.
Page 8



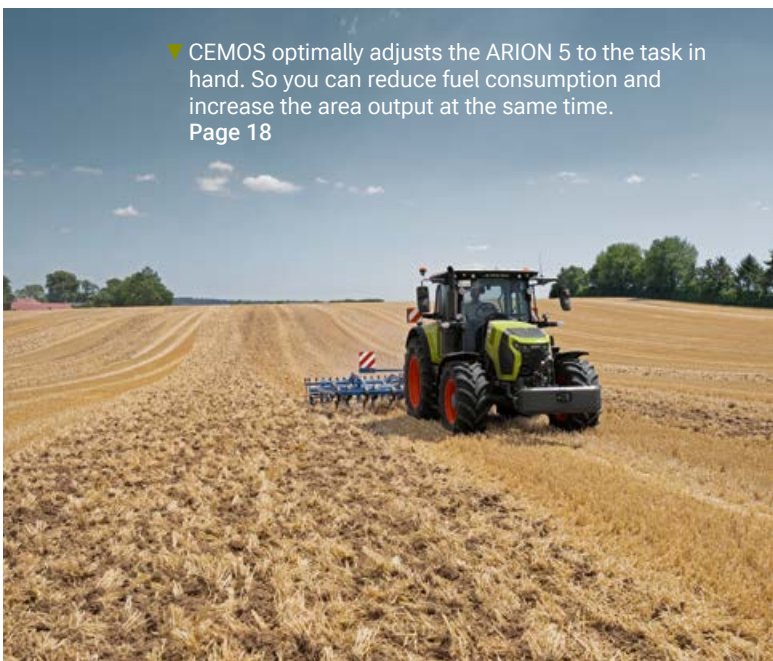
▲ Daily maintenance tasks are completed almost as quickly as refuelling.
Page 22



▲ 4-cylinder efficiency meets 6-cylinder performance. The result is a drivetrain that is both high-powered and economical.
Page 6



▼ More comfort and more power during front loader work. In the new wheel loader mode, the ARION 5 CMATIC responds like a genuine wheel loader.
Page 9



▼ CEMOS optimally adjusts the ARION 5 to the task in hand. So you can reduce fuel consumption and increase the area output at the same time.
Page 18

All-day comfort.

Handle challenging tasks with ease. No matter how long your day lasts – thanks to continuously variable transmission and high-quality equipment, the cab in the ARION 5 CMATIC is a real comfort zone.

Dynamic efficiency.

The efficient drivetrain with dynamic 4-cylinder engine and continuously variable CMATIC transmission makes the ARION 5 particularly economical. And you save additional fuel with CEMOS, because the system optimally coordinates the tractor and implement.

Proven reliability.

This tractor delivers consistent performance day after day. Tried and tested in thousands of machines, CMATIC stands for proven reliability, and the name CLAAS for minimal servicing requirements and preventive remote assistance.

Intelligent assistance.

With digital assistants to get you ahead, precision farming is plain sailing with the ARION 5 CMATIC. The GPS PILOT steers exactly, the CEMIS 1200 executes jobs precisely, and CLAAS connect links your machines to your farm.

Contents

CLAAS POWER SYSTEMS Engine	6
CLAAS POWER SYSTEMS CMATIC continuously variable transmission	8
Tractor concept	10
Hydraulics PTO Rear linkage Front loaders	12
Cabs Equipment	14
User-friendliness CEBIS CMOTION	16
CEMOS CSM GPS PILOT CEMIS 1200	18
Data management CLAAS connect	20
Maintenance Remote Diagnostics	22
CLAAS Service & Parts	24
Technical data	26

Convincing performance, outstanding efficiency.

Cut your running costs without compromising on performance. The dynamic 4-cylinder engine in the ARION 5 CMATIC delivers high tractive power just when you need it and is particularly fuel-efficient in the partial-load range. This really counts during transport, front loader and grassland work.

The 4-cylinder engine with 4.5 l displacement and up to 180 hp reduces emissions and fuel consumption – making the ARION 5 a frugal all-rounder in the field, around the yard and on the road.

Impressive power delivery.

Engine and CMATIC transmission are precisely matched. Even at low engine speed, you can work with a high level of performance, tractive power and efficiency. The load- and speed-dependant control provides you with high torque at all times.

Two turbochargers work together in the ARION 5: a small one for rapid response at low speeds and a large wastegate turbocharger for high performance under load. This coordinated staged turbocharging ensures a spontaneous response and consistent pulling power.

Constant output.

Constant output is just as important as pure power. Thanks to the CLAAS specific engine characteristics, the full torque is available in a wide speed range. So even under high load, consistently high power and efficiency is a given. At low engine speeds, the ECO PTO enables you to save fuel and make efficient use of the maximum torque.

Take full advantage of the output potential of the ARION 5. With the CMATIC continuously variable transmission, you automatically work productively at maximum working speed. So you can count on completing every task efficiently and without interruption.

Efficient cooling.

The generously proportioned radiator assembly provides particularly efficient cooling. Large intake panels in the bonnet supply plenty of fresh air for cooling and for the engine air filter. Low flow rates at the intake panels keep them clean and permeable at all times.

So even under high load, your ARION 5 CMATIC works reliably and saves fuel. The radiator assembly has also been designed for easy maintenance – because it's so quick and easy to clean, you can be confident your machine is always ready for use.

 180 hp. Twin turbochargers.
Ample pulling power.



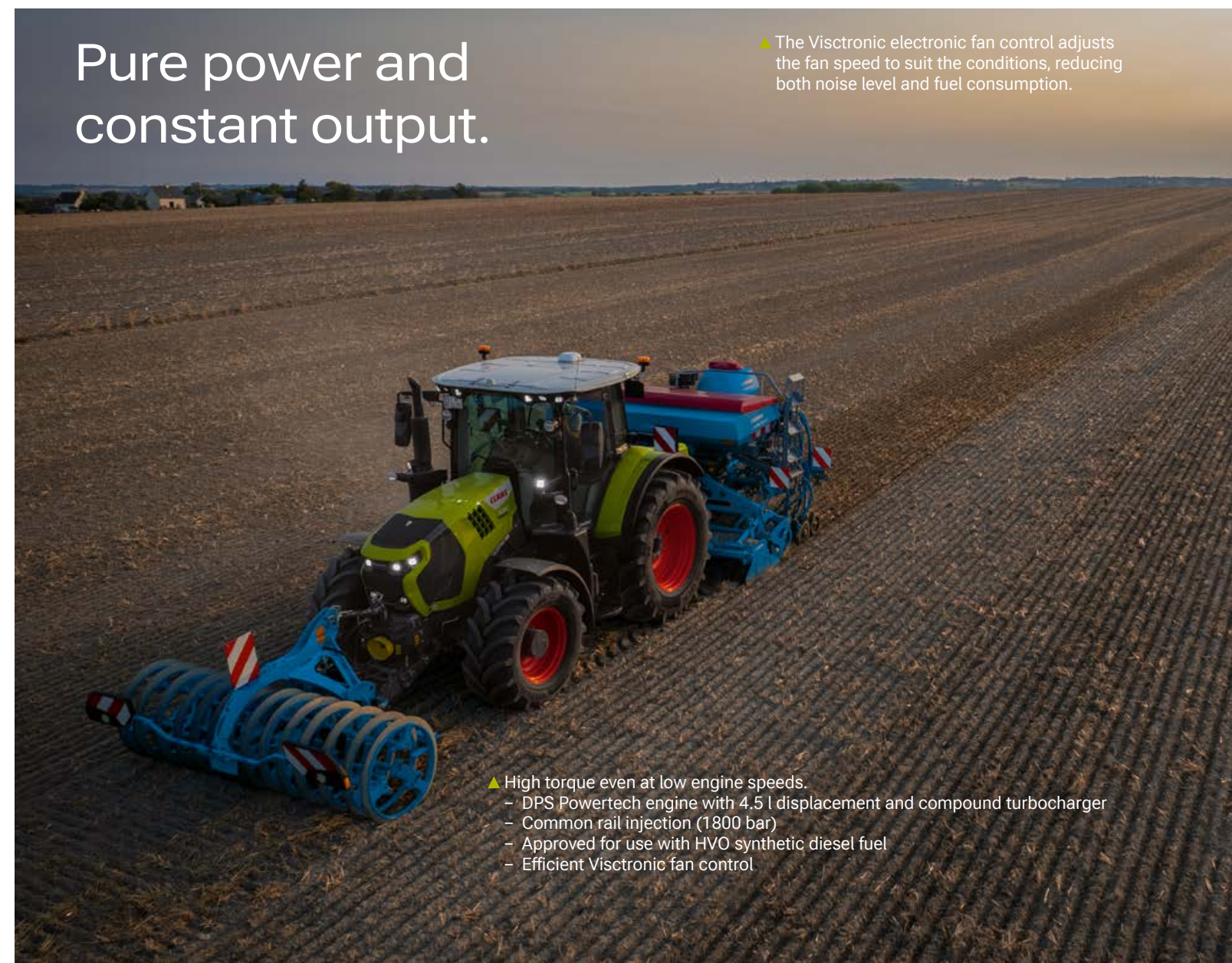
▲ Twin staged turbochargers complement each other according to engine speed and load – providing you with the maximum possible engine output whatever the speed.

CLAAS POWER SYSTEMS (CPS).
We have combined the best components to create an intelligent drive system. Full engine output exactly when you need it. Drives that are suited to the way you use your machines, and fuel-saving technology that quickly pays off for your farm.



Pure power and constant output.

▲ The Visctronic electronic fan control adjusts the fan speed to suit the conditions, reducing both noise level and fuel consumption.



▲ High torque even at low engine speeds.

- DPS Powertech engine with 4.5 l displacement and compound turbocharger
- Common rail injection (1800 bar)
- Approved for use with HVO synthetic diesel fuel
- Efficient Visctronic fan control

More relaxing with CMATIC.

Agricultural work is tough. So comfort should be a matter of course, not a luxury. The ARION 5 was built with this in mind. Its CMATIC continuously variable transmission guarantees a particularly smooth, yet agile driving experience and ensures maximum efficiency even under high load.

Powerful acceleration, smooth deceleration and a fast response to changes in load – CMATIC impressively demonstrates its superior capabilities, whatever the task. The machine runs permanently and autonomously at the desired speed. Ride comfort is impressive, and operation straightforward.

Thousands of satisfied customers speak volumes: once you've driven a CMATIC, you won't want anything else.

Stacks like a wheel loader.

You can choose to operate the CMATIC transmission in accelerator pedal, drive lever or wheel loader mode. The latter makes front loader operations far easier and more efficient. Thanks to the innovative CMATIC vehicle drive controller, the tractor can simulate the working and drive behaviour of a wheel loader with torque converter, making it a genuine loading pro. So you can stack bales with absolute precision and protect your tyres when driving into a silage clamp by avoiding unnecessary wheel spinning.

In the first two operating modes you can choose to control the driving speed via the accelerator pedal or the drive lever mode. The tractor automatically controls the engine speed and gear ratio. So you benefit from outstanding efficiency and low fuel consumption.

Comfortable on the road.

Travel on the road at a fuel-efficient 1500 rpm at 50 km/h or 1400 rpm at 40 km/h. Set off safely and comfortably from steep field entrances or road junctions, even with a full load. When the accelerator pedal is not depressed, the transmission is in powered zero mode and the ARION 5 reliably holds its position.

A safe combination.

The automatic stretch brake on the ARION 5 makes your job significantly easier by detecting different driving conditions. The air brakes keep the tractor-trailer combination automatically stretched without you having to intervene, even when driving downhill.

Simple, user-friendly and continuously variable.

- ▲ CMATIC is fantastic.
- Smooth acceleration from 0 to 50 km/h even under maximum load
 - Low fuel consumption on the road at only 1400 to 1500 rpm
 - Powered zero mode makes it easy to stop and start on slopes
 - Maximum versatility thanks to two drive ranges that switch automatically
 - High, consistent efficiency from 0 to 50 km/h
 - Unique CMATIC wheel loader mode



▲ Fewer settings, faster work – with automatic engine droop, anyone can work productively from the get-go, even without previous experience.

▲ CMATIC offers three speed ranges with their own speed control value in both directions of travel. You can easily switch between ranges at the press of a button while driving.



▲ Powerful acceleration, smooth deceleration, fast response to load changes – CMATIC demonstrates its strengths, whatever the task.

- ▼ Long wheelbase. Short overall length. Multiple benefits.
- High ride comfort and safe road travel thanks to long wheelbase and 50/50 weight distribution
 - More tractive power, dynamics and soil protection thanks to low ballasting requirement
 - Higher lift capacity thanks to improved stability
 - Short trailer combination on the road
 - good guidance of front-mounted implements



Braking safely under full load.

All ARION 5 CMATIC models have a permissible total weight of up to 11 t. In the 50 km/h version, the front axles are equipped with integrated disc brakes as standard. Together with the rear axle braking system, this ensures a dependable level of safety. During braking, the PROACTIV front axle suspension fitted as standard automatically adjusts to the change in load, keeping your tractor stable and secure even during sharp braking manoeuvres.



- ▼ A wide range of tyres up to 42" or 1.95 m in diameter are available for the ARION 5. All models can be equipped with VF tyres, or Nokian industrial tyres for municipal work.



CEMOS helps with ballasting.

Strength wherever you need it.

When something familiar gets even better, the ARION 5 CMATIC is behind it. A tractor with impressively compact dimensions that feels so familiar and yet has been systematically developed. Agile around the yard, safe on the road and powerful in the field – this all-rounder combines tried and tested engineering with clever innovations, state-of-the-art technology, intelligent assistance systems and easy access to smart farming solutions.

The combination of long wheelbase, balanced weight distribution (50% front / 50% rear) and compact overall length makes the ARION 5 amazingly versatile.

Front loader, factory- or retro-fitted.

Choose the equipment you need to make your tractor as versatile as possible. The robust half frame between the front axle carrier and transmission allows you to retrofit a front loader. The frame safely absorbs all the forces and serves as the coupling point for the front loader brackets.

If you order the ARION 5 with factory-fitted front loader, everything is already perfectly integrated and ready for immediate use. And it goes without saying that all maintenance points are easy to access, whatever the specification.

Powerful operator. Precise loader.

The ARION 5 combines high performance with compact dimensions and a balanced kerb weight. This makes it suitable for large front loaders up to the CLAAS FL 140. The positioning of the front loader brackets close to the middle of the tractor provides optimal weight distribution and stability.

The CMATIC wheel loader mode – the only one of its kind in the world – adjusts the drive characteristics and power transmission specifically to front loader operations, enabling you to work in comfort with great precision.

When you no longer need the front loader, you can simply remove it. And you don't even need to step down from the cab.

Ready for whatever comes your way.

The ARION 5 CMATIC is well-equipped for every application, making it ideal for the wide variety of tasks on your farm. Its load-sensing hydraulics deliver an oil flow of up to 150 l/min via the Power Beyond connection. Perfect for powerful hydraulic implements. And with the additional pressure-free return, you can easily use special hydraulic systems.

You can activate spool valve prioritisation in the CEBIS, for example to maintain the fan of a pneumatic drill at a constant speed.

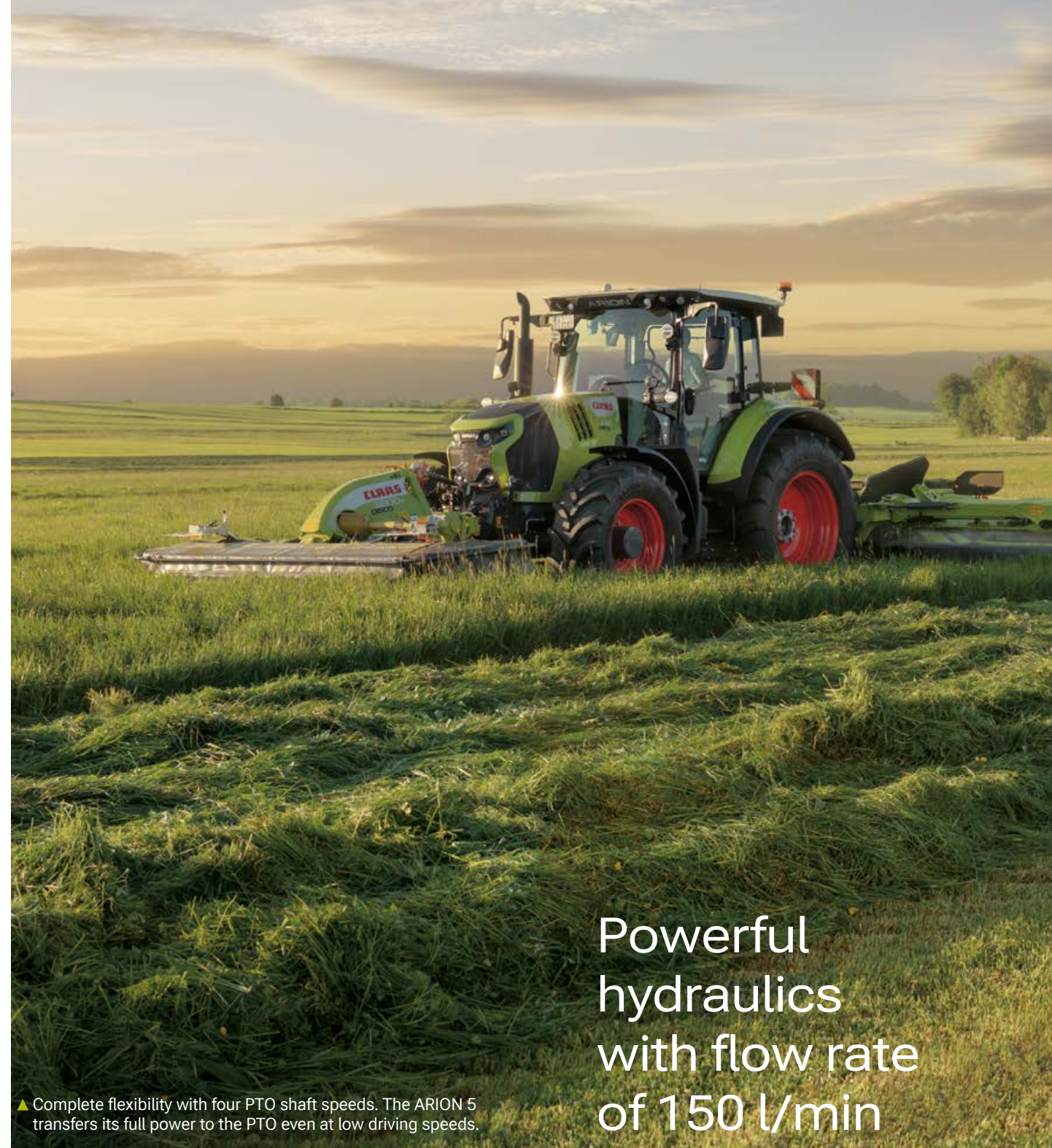
User-friendly.

The frequently-used hydraulic functions are positioned side by side for streamlined operation. Spool valves can be freely configured and prioritised, enabling you to tailor CEBIS operation to your personal preferences. You can operate up to six electronic spool valves from the armrest. You can also assign operation to the F keys on the CMOTION or ELECTROPILOT to simplify combined operating processes.

Powerful PTO.

The ARION 5 has four speed ranges: 540 / 540 ECO and 1000 / 1000 ECO. The automatic PTO can be adjusted continuously based on the rear linkage height. The PTO stub rotates freely, making implement attachment very straightforward.

- You can change the PTO speed at the press of a button, and engage it via a switch in the armrest. Several options are available for operating the hydraulics, depending on the type of work.



▲ Complete flexibility with four PTO shaft speeds. The ARION 5 transfers its full power to the PTO even at low driving speeds.

Powerful hydraulics with flow rate of 150 l/min



▲ Pressure-free, foolproof connections with no mess. All eight hydraulic couplings at the rear are colour-coded and fitted with release levers.

8 t lift capacity at the rear.

With a maximum lift capacity of up to 8 t, the ARION 5 can handle any implement. And thanks to the K80 hitch ball and a drawbar load of up to 4 t, it has no trouble dealing with heavy trailers and trailed implements. The new rapid changeover converts the lower links on the rear linkage from category 3 to 2, allowing you to quickly connect implements in a few simple steps. Power Beyond connections are provided at the rear for implements which have their own hydraulic spool valves.

More options ahead.

All ARION 5 models are fitted with a 4 t front linkage. The front linkage can be used in single- or double-acting mode and fitted with optional position control. Hydraulic and electronic interfaces for many applications are already installed. You can choose from a wide range of CLAAS front loader models. All have brackets positioned well back, providing a high level of stability during heavy-duty work.

And best of all: in the new wheel-loader mode, ARION 5 responds like a genuine wheel loader – just more comfortably, and more productively.

- ▲ The convex rear window and swivelling seat provide an excellent view of the implement and unimpeded operation of the rear linkage controls.

Comfort is not a luxury – it's a necessity.

Its cab is your comfort zone. Once inside the ARION 5 CMATIC, you can see what driving comfort really means. The suspended front axle and fully suspended cab effectively absorb vibrations. The low noise level combined with automatic climate control and numerous other comfort features, like the air-conditioned Premium seat with massage function, means that you can work in comfort even on long days.

This relaxing environment boosts concentration and wellbeing, enabling you to tackle tough jobs more easily.

A pleasant place to work.

The ARION 5 features a host of thoughtful details designed to make your workplace pleasant and productive. The dashboard is mounted on the fully adjustable steering column and pivots with it so that it is always in full view. There are safe places to stow your documents and mobile phone. Under the passenger seat you'll find a cool box with room for two 1.5 l bottles, and snacks.

The ARION 5 is fitted with air conditioning as standard and optionally with a category 3 filter. All components are built into the double-insulated cab floor to ensure quiet operation.

Sitting comfortably.

With the latest generation Premium operator's seat, you'll feel far more relaxed, even on long stints. This feel-good seat with massage function, seat air conditioning, active suspension and electric seat adjustment is a highlight of the ARION 5 cab.

Smooth ride.

Driving the ARION 5 is better than ever. Full suspension completely isolates the cab from the chassis, so bumps and vibration never reach the driver. The cab remains stable when cornering or braking. And the entire suspension system is completely maintenance-free.

What's more, the PROACTIV front axle suspension with widely spaced suspension cylinders and roll stabilisation increases stability and safety on bends. The double-acting suspension with load change compensation and 100 mm suspension travel increases your ride comfort significantly.

All-seeing.

The LED lighting concept offers up to 20% more illumination and improves visibility, whatever the task – thanks to bi-LED headlights and up to twenty bright work lights. New step lighting improves tractor safety right from the start. Four instead of two work lights in the bonnet perfectly complement the design of the ARION 5.

 Spacious and quiet, with large windows and full suspension.



- ▲ Outstanding visibility and accessibility.
- Large-volume cab offers a generous amount of space
 - Clear view of the full working width
 - Continuous front windscreen for an unimpeded view
 - Cab option 1: 4-pillar cab with continuous field of view at the sides
 - Cab option 2: 5-pillar cab with compact door for frequent getting in and out



- ▼ Up to 20 LED work lights and bi-LED headlights illuminate the surroundings of the ARION 5 almost as bright as day.

Keep calm, even when the going gets tough.

CMATIC continuously variable transmission and CEBIS equipment make even long, arduous days in the ARION 5 more agreeable. With intuitive menu navigation and freely assignable function keys, you can accomplish any task with ease and concentrate on the essentials. The ergonomic CMOTION multifunction control lever uniquely protects the wrist and forearm, enabling you to retain full control.

The CEBIS version meets your every need. The standard specification includes the 12" touchscreen, CSM headland management, camera image and ISOBUS implement control, with CEMOS for Tractors available as an option.

Intuitive control with CEBIS.

You can easily control all the functions of your ARION 5 straight from the cab. The CEBIS control concept features a 12-inch colour screen with self-explanatory symbols and colour coding, giving you a clear view of all settings and operating statuses.

You can change the settings with just a few taps and adapt the machine precisely to your work: the handy DIRECT ACCESS function and the machine silhouette take you straight to the right dialogue window, saving precious time.

Easy to operate with CMOTION.

You can control all key functions of your tractor and ISO-BUS implements comfortably and efficiently with the ergonomic multifunction control lever. You retain full control while remaining in a relaxed position – it's unlike any other joystick. The functions are operated with the thumb and first two fingers, reducing fatigue in your hand throughout the working day.

The unique concept keeps your wrist and forearm in a straight line, enabling you to operate the entire tractor in complete comfort. Thanks to passive internal ventilation, your hand remains dry and relaxed. You can configure the eight function keys on the CMOTION to suit your needs and so avoid having to reposition your hands while you work.

▼ CEBIS in view, CMOTION in hand. Everything you need to operate the ARION 5 safely and productively is located in the right-hand armrest.



Intuitive equals productive.
CMOTION makes the difference.

- 1 CMOTION multifunction control lever
- 2 Control panel for drive mode, range changing and two engine speed memories with fine adjustment
- 3 CEBIS terminal with 12" touchscreen
- 4 ELECTROPILOT with two double-acting spool valves and two F keys
- 5 CEBIS control panel
- 6 Working depth adjustment for front and rear linkage
- 7 Activate front and rear PTO
- 8 Hand throttle
- 9 Electronic spool valves
- 10 Four-wheel drive, differential lock, automatic PTO engagement / disengagement, front axle suspension

CEMOS operators are unbeatable.

When you're dealing with difficult terrain or changing soil conditions, you have to make decisions very quickly. So it's good to know that you can count on your tractor to reduce your workload. CEMOS optimises all relevant settings and adjusts the ARION to the conditions. GPS PILOT CEMIS 1200 steers the tractor with precision and helps you plan, execute and document your tasks.

Precision farming made easy: with the ARION 5 CMATIC and its digital assistants, you can propel your operator and your entire farm into the future.

CEMOS optimises the settings.

With the help of the CEMOS self-learning machine optimisation system, the ARION 5 easily adapts to any operating condition. Whether for ballast, tyre pressure or implements like cultivators and ploughs – CEMOS fine-tunes all the relevant settings for you. So you can count on optimal traction and soil protection at all times, and know that your work will be done effectively with no additional effort on your part. The bottom line: CEMOS increases your area output, improves the quality of work and significantly reduces diesel consumption.

CSM takes the pressure off at the headland.

CSM headland management takes the effort out of all turning manoeuvres. Simply record the sequences of a turning manoeuvre on a distance- or time-related basis. Then you can replay all recorded functions at the press of a button. Recorded sequences can be subsequently changed and optimised in the CEBIS. Steps can be added and deleted or refined down to the last detail.

GPS PILOT CEMIS 1200 steers and plans.

Modern-day operator assistance systems need to make work significantly easier. And that's exactly what GPS PILOT CEMIS 1200 does – high-precision work is routine when you have an absolute steering accuracy of $\pm 2-3$ cm and you can automatically create reference tracks based on field boundaries or use preplanned tracks from jobs. It makes all the difference.

In addition, you can preplan all your jobs digitally: tasks together with application maps and tramlines are created online and transferred seamlessly straight to the tractor. On completion, the documentation is sent back just as easily in CLAAS connect – avoiding transfer errors. The documentation is then available for office use or for digital field mapping in CLAAS connect.



Reduce planning effort and protect resources.

◀ The ARION 5 is fully ISOBUS-compatible, allowing display and control of connected implements. Furthermore, thanks to automatic reference track sharing within a CLAAS connect organisation, the machines can share recorded A-tracks with one another automatically. This enables an entire forage harvesting chain from mower to forage harvester to work on the same track without manual exchange.



▲ Use reference track management on the CEMIS 1200 or get your reference tracks planned automatically in CLAAS connect using field boundaries.



Precise, future-proof, simple.

With the GPS PILOT automatic steering system, your ARION 5 CMATIC will seem like it's running on rails: always on the right track, using the full working width with no overlapping. And with the RTK correction signal, you can achieve a repeatable accuracy of $\pm 2-3$ cm.

Smart farming made easy.



▲ You can count on it.

- CEMOS increases your area output
- CEMOS saves diesel
- CSM takes the pressure off at the headland
- GPS PILOT steers the tractor with centimetre-precision and controls complex ISOBUS implements
- CEMIS 1200 reduces the planning effort

CLAAS connect links the ARION with your farm.

With the CLAAS connect app, you can benefit from all the advantages of modern farm and fleet management, make greater use of the performance capacity of your machines and reduce your workload at the same time. The app combines digital machine management with documentation, application mapping and yield mapping on a secure, cloud-based platform.

Once set up, the system guides you through the entire farming year and helps boost profitability while supporting your decision making, from sowing to harvesting.



▲ **High operational reliability.**
Connect straight to Service support and order parts and consumables through Parts Shop and Lubricant Advisor.

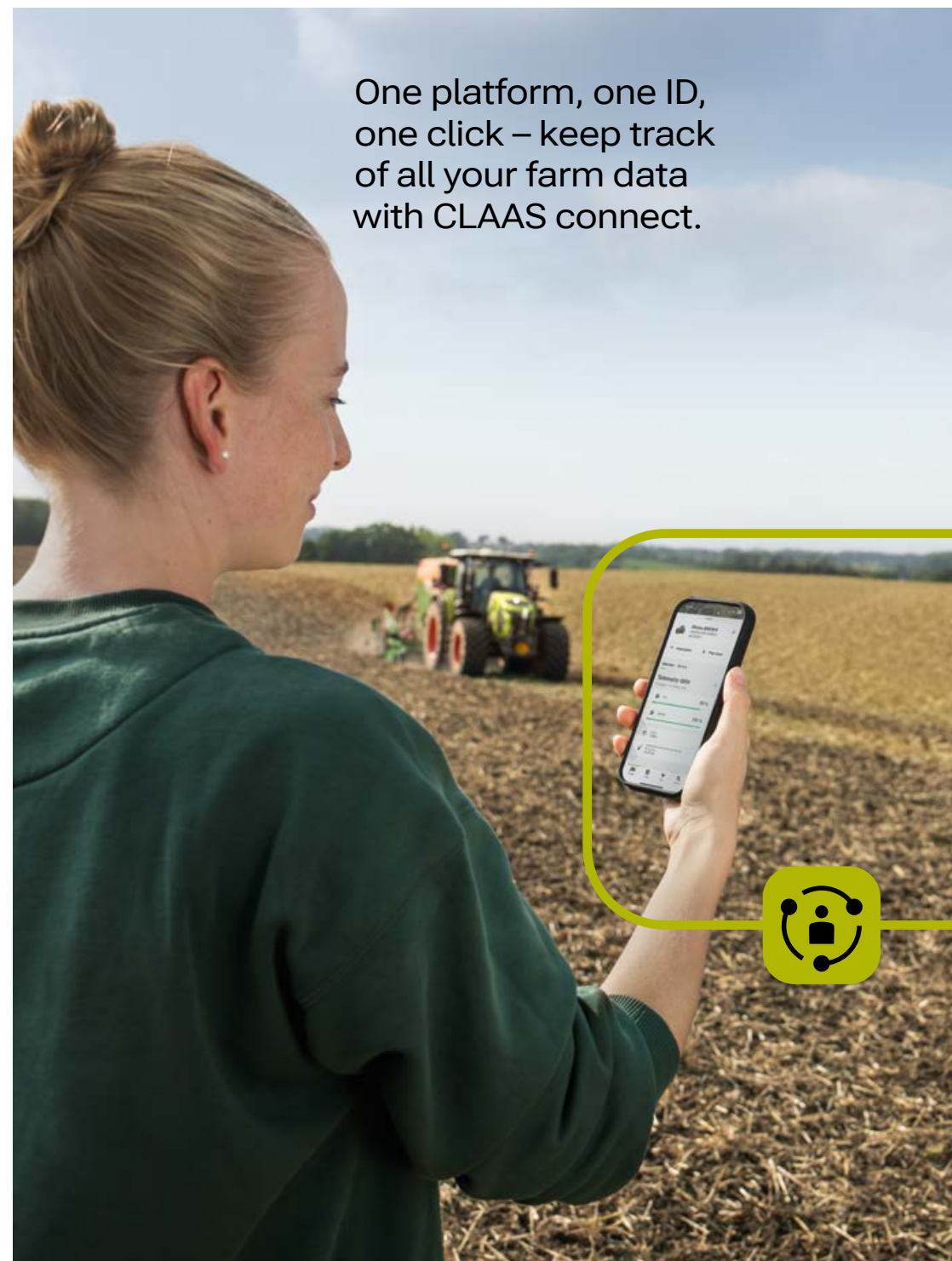
Data management | CLAAS connect



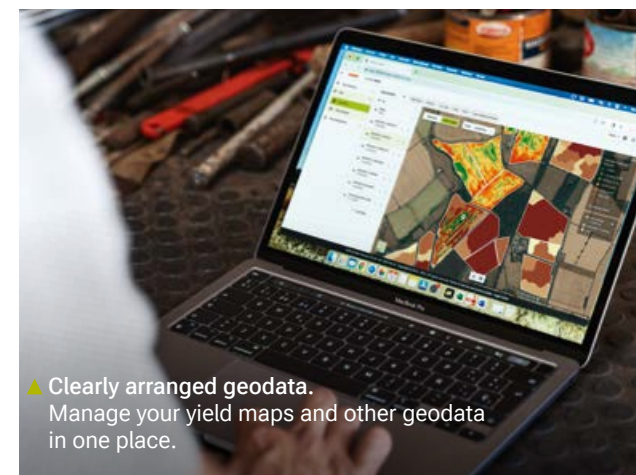
▲ **Connected task management.**
Transfer preplanned tasks with application maps and reference tracks online to the ARION 5 in seconds and then have the documentation sent back.

Make your ARION 5 CMATIC even more productive.

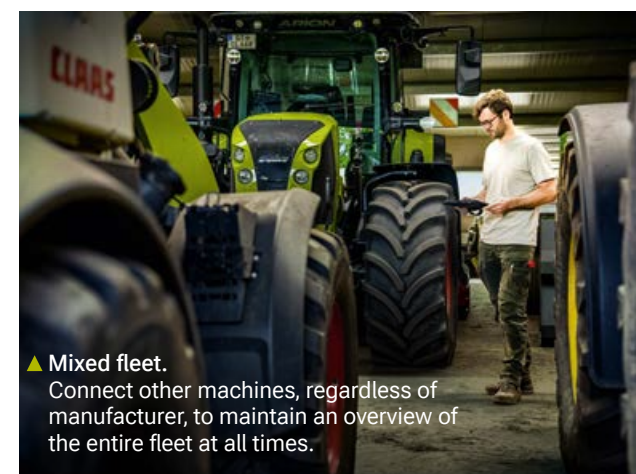
With CLAAS connect, you get a global view of your machines and can manage your farm, field and master data with precision. You can easily create tramlines for efficient fieldwork, and application maps for the targeted application of seed and fertiliser. You can plan tasks with reference tracks from the comfort of your office and send them straight to the ARION 5. You can automatically document activities online. Geodata helps you all season long.



One platform, one ID,
one click – keep track
of all your farm data
with CLAAS connect.



▲ **Clearly arranged geodata.**
Manage your yield maps and other geodata in one place.



▲ **Mixed fleet.**
Connect other machines, regardless of manufacturer, to maintain an overview of the entire fleet at all times.



▼ **Full machine performance.**
Compare machine settings and analyse operating times precisely.

CLAAS connect package	CLAAS connect package – Plus	CLAAS connect package – Professional
Documentation	Documentation + Steering system	Documentation + Steering system + Precision Farming
• CLAAS connect • Machine connect	• CLAAS connect • Machine connect • GPS PILOT CEMIS 1200	• CLAAS connect • Machine connect • GPS PILOT CEMIS 1200 • ISOBUS functionalities for automatic section control, variable rate application and geo-referenced mapping of process data

▲ Each farm requires one CLAAS connect farm licence to benefit from the full functionality of CLAAS connect farm management.

Daily maintenance is as quickly as refuelling.

Daily maintenance tasks are carried out more willingly when they are made as easy as possible. The maintenance-friendly design minimises the daily servicing effort and keeps the machine on the job for longer. For instance, in the ARION 5 CMATIC, the engine oil needs changing only once every 500 operating hours. And for the transmission and hydraulic oil, it's every 1500 hours.

Furthermore, with the help of digital connectivity, it's not just maintenance that can be planned in advance. Your CLAAS service partner can remotely diagnose irregularities in good time and respond appropriately.

Short maintenance times, long intervals.

Maintenance that takes less time.

Daily maintenance takes no more time than refuelling and you don't need any tools. The large, one-piece bonnet opens at the press of a button and provides access to all engine maintenance points. And you don't even need to open the bonnet to check and top up the oil.

Everything is logically arranged and easily accessible. The air filter is mounted on the front of the radiator assembly, which folds up for easy cleaning. The perfectly sealed bonnet effectively keeps coarse dirt particles at bay. A dust extractor in the filter housing additionally extends the cleaning interval.

Service that plans ahead.

The seamless connected ARION 5 maximises operational readiness. For example, your CLAAS Service partner can provide rapid support and quickly identify problems remotely. They can also prepare a proactive maintenance plan based on your machine's data. This increases the availability of the machine and minimises unexpected outages. You can smoothly integrate CLAAS Service offerings into your everyday operations and base your calculations on predictable costs.

▼ The battery and a tool storage compartment are handily located in the access steps on the right-hand side



▲ The generously sized air filter is designed for a long service life and is easy to remove



- ▼ Quick, easy and tool-free.
- Access to all engine maintenance points at the press of a button
 - Easy-to-clean radiator assembly and air filter
 - Oil can be checked and topped up when the bonnet is closed
 - All daily maintenance tasks can be carried out without tools
 - Long oil change interval

On call for you.

At CLAAS, keeping you operational is our top priority. With our comprehensive range of services, parts and consumables, we ensure that your machines always perform optimally. Our support includes a wide range of maintenance and repair services available from your dealer, an extensive line-up of ORIGINAL parts and consumables, as well as digital tools which support your planning and decision-making.

Confidence comes from knowing you are always ready for action.

MAXI CARE has everything covered.

You take care of the tasks that matter to you, and we take care of protecting your machine. MAXI CARE service agreements ensure that your machines are always ready for work, allowing you to focus fully on your core tasks on the farm and in the field. These service packages are tailored to the specific requirements of your farm.

Speak to your CLAAS dealer and together you can create your personal MAXI CARE service agreement.



▲ MAXI CARE not only increases your operational reliability. It also enables you to budget based on fixed costs and minimise the risk of failure.

Support when I need it?



We'll be there right away.

On call for you.
CLAAS Service & Parts.

More than 97% of parts
are dispatched on the
same day.



CLAAS offers a comprehensive range of parts
perfectly matched to your tractor to ensure
maximum efficiency

All parts are readily available.

A sophisticated logistics system ensures that any parts you require are available at very short notice. Thanks to our extensive network of CLAAS dealerships, spare parts for your CLAAS machines are always available nearby or can be quickly delivered from one of our central logistics warehouses. In fact, more than 97% of parts are dispatched on the same day so that your machine is ready for use again as soon as possible. If you need parts urgently, we offer express solutions to provide you with even faster support.

The Parts Shop is open around the clock.

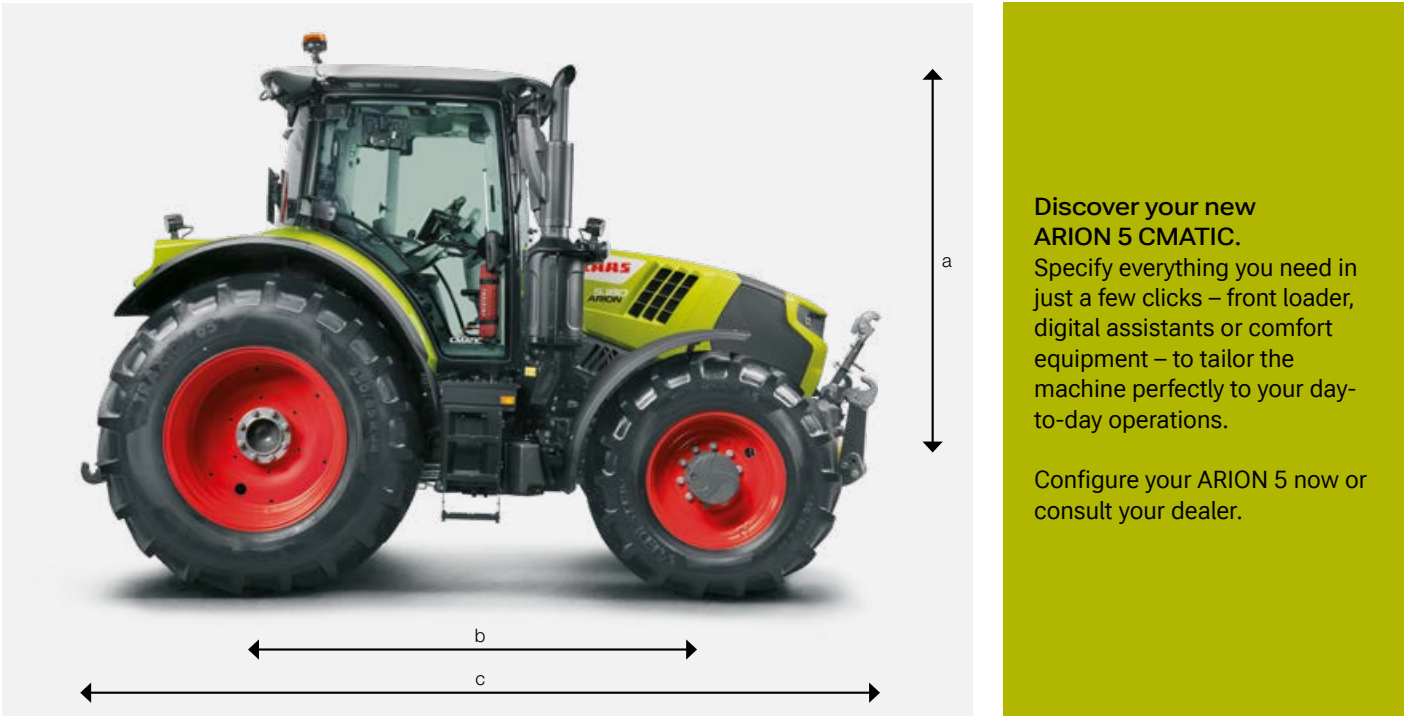
With CLAAS connect on your smartphone, you can access important parts, lubricants and consumables at any time from anywhere. Parts Doc and the Parts Shop allow you to identify parts easily and order them directly

ARION 5 CMATIC		5.180	5.160	5.140
Engine				
Manufacturer		DPS	DPS	DPS
Number of cylinders		4	4	4
Cubic capacity	cm³	4525	4525	4525
Compound turbo (two fixed geometry turbochargers, including one with wastegate)		●	●	●
Max. output (ECE R 120)	kW/hp	132/180	121/165	107/145
Constant output range	rpm	1800 – 2100	1800 – 2100	1800 – 2100
Type approval value max. output / rated output ^{1,2}	kW	132/126	124/117	118/106
Max. torque (ECE R 120)	Nm	730	697	619
Engine speed at max. torque	rpm	1500	1500	1500
Fuel tank capacity	l	215	215	215
Oil-change interval	h	500	500	500
CMATIC continuously variable transmission				
Transmission type (CLAAS EQ transmission)		continuously variable (EQ 200)	continuously variable (EQ 200)	continuously variable (EQ 200)
Speeds (min.-max.)	km/h	0.05-50/40	0.05-50/40	0.05-50/40
REVERSHIFT clutchless reverser		●	●	●
Rear axle				
Flanged axle / quick-release axle		● / ○	● / ○	● / –
Electrohydraulically activated differential locks with automatic function		●	●	●
Electric parking brake		○	○	○
Max. rear tyres		710/60 R 38	650/65 R 38	650/65 R 38
Max. diameter of rear tyres (ex works)	m	1.85	1.85	1.85
Oil-change interval	h	1500	1500	1500
PTO				
Wet multi-disc clutch		●	●	●
External controls		●	●	●
540 / 540 ECO / 1000 / 1000 ECO		●	●	●
Changeable PTO stub		●	●	●
Automatic PTO engagement/ disengagement		●	●	●
Four-wheel drive front axle				
PROACTIV front axle suspension		–	□	□
PROACTIV front axle suspension with braked front axle		●	●	●
Automatic 4-wheel drive		●	●	●
Optimum turning radius	m	5.4	5.4	4.95
Hydraulics				
Load-sensing circuit 150 l/min		●	●	●
Load-sensing circuit 110 l/min		○	○	○
Max. operating pressure	bar	200	200	200
External controls		●	●	●
Number of electric spool valves (rear)		4	4	4
Two electronic spool valves (middle)		○	○	○
ELECTROPILOT (electronic four-way control lever)		●	●	●
Flow rate control, prioritisation, time control		●	●	●

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.

ARION 5 CMATIC		5.180	5.160	5.140
Rear linkage				
Max. lifting capacity at ball ends	kg	8000	8000	7500
Continuous lift capacity at 610 mm	kg	5100	5100	5100
Vibration damping		●	●	●
External controls		●	●	●
Active wheel slip control		○	○	○
ISOBUS socket / 25 A socket		● / ●	● / ●	● / ●
Front linkage				
Front linkage 4 t (with vibration damping)		●	●	●
Front PTO 1000 rpm		○	○	○
Position control		○	○	○
External controls		●	●	●
Additional hydraulic connections / external controls		□ / □	□ / □	□ / □
ISOBUS socket or 25 A power supply		○ / ●	○ / ●	○ / ●
Trailer socket		●	●	●
Cabs				
Full suspension cab		●	●	●
CEBIS version with CMOTION control		●	●	●
Automatic climate control		●	●	●
Premium operator's seat with semi-active suspension, air conditioning and massage function		○	○	○
Passenger seat with integral cool box		●	●	●
Dimensions and weights				
Height mid-rear axle to cab roof (incl. SAT 900 GNSS receiver) (a)	mm	2255	2255	2255
Wheelbase (b)	mm	2564	2564	2564
Length (front linkage to rear lower links) (c)	mm	4508	4508	4503
Weight (depending on specification)	kg	7700	7600	7280
Max. permissible gross weight	kg	11000	11000	10250



● standard ○ optional □ available – not available

¹ Compliant with UN ECE R 120

² Performance data fit criteria for admissibility

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.



CLAAS KGaA mbH
Mühlenwinkel 1
33428 Harrewinkel
Deutschland
Tel. +49 5247 12-0
claas.com

HRC / 326012000626 KK ME 0826