



Tractors

ARION

430 420 410



# One for all. The ARION 400.

For CLAAS, a crucial factor when developing new machines is that they should consistently meet the requirements of day-to-day farming. Naturally, this principle was also applied to development of the ARION series. With superb driving and operating comfort, flexibility, efficiency and dependable technology which guarantees reliability, the ARION 500 and 600 are now firmly established on the market.

When developing the ARION 400, CLAAS set itself the challenge of adapting the technology of the top performance classes to meet the needs of farmers looking for a smaller package: proven technology in a compact, modern design in conjunction with state-of-the-art comfort and ergonomics.

A long wheelbase, optimum weight distribution and perfectly coordinated engine and transmission are just some of the benefits of the CLAAS Tractor Concept that give CLAAS its unique competitive edge.



[arion400.claas.com](http://arion400.claas.com)



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A perfect partnership for  
grassland and arable work.



### Harvesting forage.

PTO speeds of 540/1000 or 540/1000/540 ECO/1000 ECO rpm make tough jobs easier than ever and save fuel during light work.

- 10 hp boost available from range C for PTO work, when hydraulic output is decreasing, and to compensate when the viscous fan is fully activated
- Fully integrated front linkage with 2.8 t lift capacity
- Minimum overhang for maximum manoeuvrability
- Accurate control of front-mounted implements as the coupling points are close to the front axle
- Perfect handling thanks to multifunction control lever with ELECTROPILOT function to operate the:
  - Front hydraulics, rear spool valve and transmission
  - Front loader, transmission, 3rd and 4th function

### Tillage.

The long wheelbase and optimum weight distribution of the ARION 400 guarantee maximum tractive power and stability in the field.

- Up to 6.5 t lifting capacity
- 10 hp boost available from range C for PTO work, when hydraulic output is decreasing, and to compensate when the viscous fan is fully activated
- Automatic PTO engagement / disengagement
- QUADRISHIFT transmission with QUADRACTIV powershift unit
- Two electronic spool valves with time and flow control, ideal for track markers and plough operation



Thanks to the CLAAS tractor concept and the high-torque engine, the ARION 400 is perfect for heavy tillage and PTO work.

For fast transport  
and safe loading.



Transport.

The QUADRISHIFT transmission with QUADRACTIV powershift unit guarantees a simple and relaxed driving experience on the road, with no gear shifting.

- Up to 500 Nm torque thanks to the 4.5 litre DPS turbocharged engine with common rail injection
- 10 hp boost from range C
- Driver's seat with pneumatic suspension
- Long wheelbase for good road handling



Front loaders.

Order your CLAAS front loader directly from the factory. The frame and all hydraulic and mechanical connections are perfectly integrated.

- Accessibility and ground clearance are not compromised
- Excellent operational safety and thrust thanks to the long wheelbase and corresponding weight distribution
- Safe operation as the FOPS (Falling Object Protective Structure) transparent sunroof provides an unrestricted view from the cab
- REVERSHIFT for fast and comfortable direction changes
- Clutchless reverser with adjustable response characteristics

- Unique electrohydraulic multifunction control lever for operating the front loader and transmission (shifting up / down), or alternative FLEXIPILOT operating system (low-pressure hydraulic operation)
- Maximum 98 l/min hydraulic output for fast loading



# Perfect for field work and agile around the yard.

## Field work.

Thanks to the high lift capacity and extended wheelbase, heavy implements can be used without any problems.

- ECO PTO for economical operation
- Manoeuvrable in any situation thanks to the small turning radius (4.40 m) and 55° steering lock angle
- GPS PILOT automatic steering system or GPS COPILOT manual steering assistance reduce your workload and improve accuracy
- Permissible gross weight of 8.80 t gives a high load-carrying capacity



## Yard work.

With its compact dimensions, the ARION 400 is highly manoeuvrable even with a front linkage.

- Overall height 2.74 m (tyres 16.9 R 34)
- Easy to operate when working with a front loader
- Problem-free manoeuvring in tight spaces or farm buildings thanks to the multifunction control lever which operates the front loader and transmission



The compact dimensions and manoeuvrable design of the ARION 400 make it perfect for front loader work around the yard.

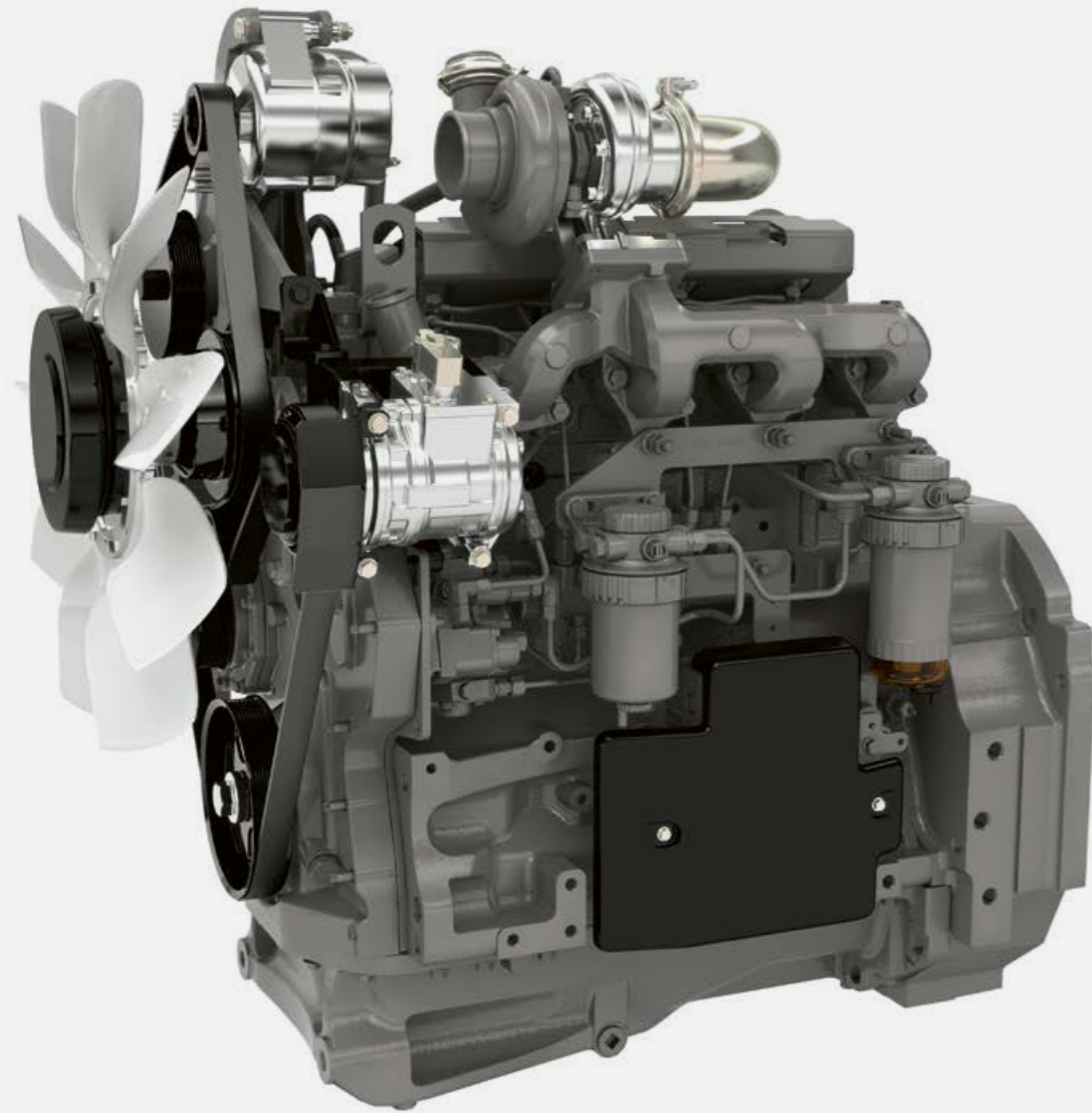
The ARION 400 also tackles specialist applications to perfection.



## Optimised drive for outstanding results.

At CLAAS, machine development means an ongoing effort to achieve even greater efficiency and reliability as well as greater profitability in the field. Naturally, the CLAAS ARION 400 is no exception as optimisation of its entire drive train is of fundamental importance. And a powerful engine is only part of the story. In CLAAS POWER SYSTEMS we have brought together the best components to create a drive system that is in a class of its own – one that always delivers the greatest power when needed, ideally matched to the work systems and with fuel-saving technology that quickly pays for itself.





ARION	Rated output (hp)	Max. output with CPM (hp)	Max. torque with CPM (hp)
430	115	130	510
420	105	120	500
410	95	110	460

All performance data in accordance with ECE R 120 / ISO TR 14396

## Perfect engine matching.

Like all the drivelines in the proven ARION range, the ARION 400 engine delivers impressive pulling power and reliability. The performance curve for the common rail engine has been specially matched to the ARION 400 in order to achieve more constant output and higher torque.

The engine develops its full power in every speed range, and always responds quickly to changes in load – this is especially evident in front loader and transport work.

## Full power.

The sophisticated engine technology employed in the ARION 400 guarantees top performance. The engine is particularly good at developing its full potential in difficult conditions and never lets you down.

- Output from 95 to 130 hp in accordance with ISO TR 14396
- Complies with emission standard Stage IIIA (Tier 3)
- Common rail technology
- Internal exhaust gas recirculation
- Turbocharger with intercooler
- CPM CLAAS POWER MANAGEMENT

## Plenty in reserve.

With CLAAS POWER MANAGEMENT (CPM), the ARION 400 CIS delivers up to 10 hp additional output. This additional output is released in four steps, depending on the tractive power requirement, PTO output or hydraulic power decrease. Only the exact amount of fuel required is injected.

Up to 10 hp additional output is developed under the following conditions:

- Transmission in range C or D (C1 = 6 km/h at 1400 rpm)
- If hydraulic output is decreasing
- If PTO output is decreasing
- If the viscous fan is activated



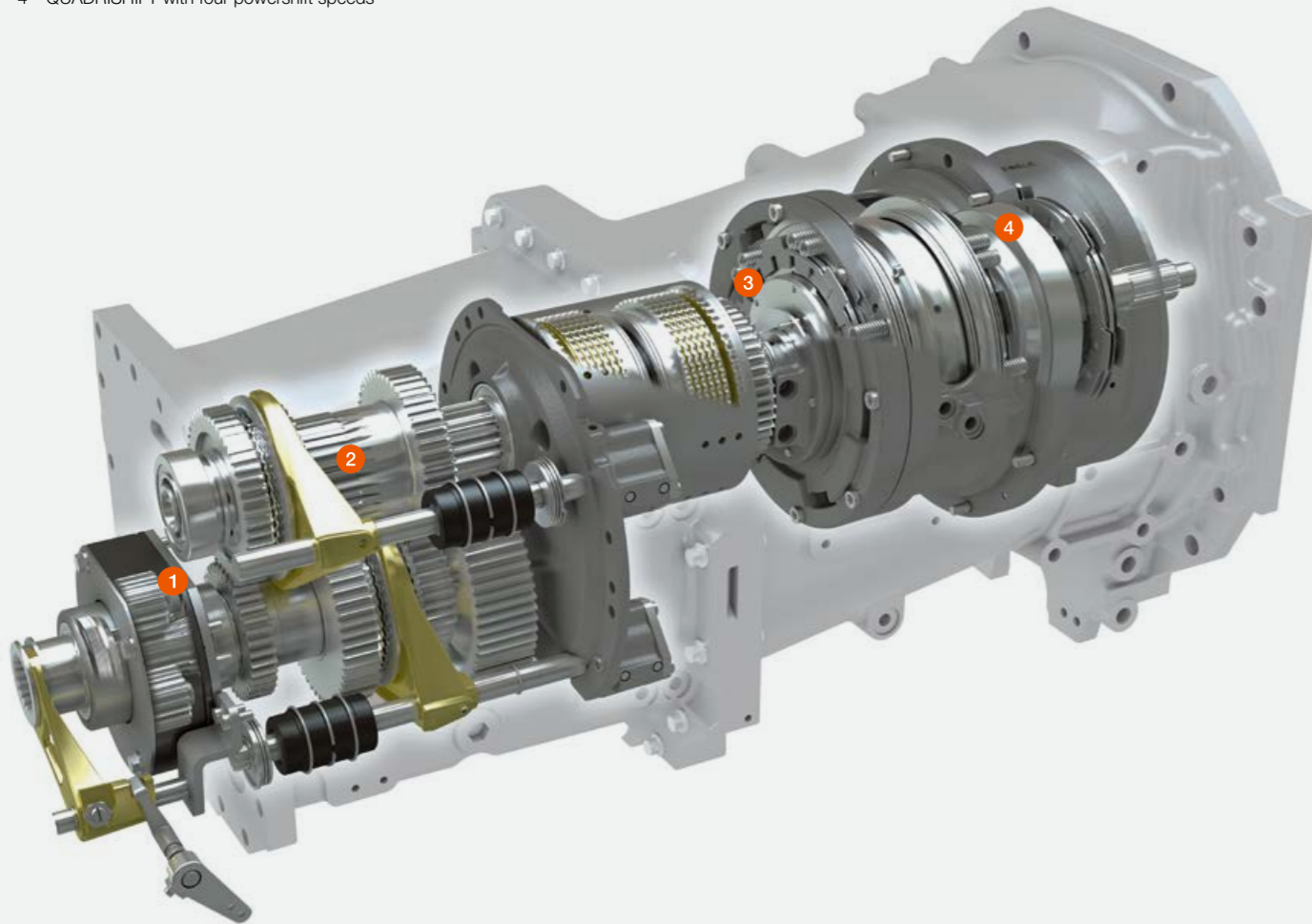
Applications which use the additional output of up to 10 hp provided by the CPM.



# QUADRISHIFT.

16 gears at the push of a button.

- 1 Creep gears
- 2 Four hydraulically controlled ranges
- 3 REVERSHIFT clutchless reverser
- 4 QUADRISHIFT with four powershift speeds



## The QUADRISHIFT transmission from CLAAS.

With the QUADRISHIFT transmission you can drive your ARION 400 within the four powershift speeds without cutting the power flow and can optimally match your forward speed to the conditions on the ground. On the road or around the farm, you can comfortably select any one of four hydraulically selected ranges without having to use the clutch. The perfect combination of ease of operation, efficiency and versatility in this performance class: the ARION 400.



**Range D**  
– Transport



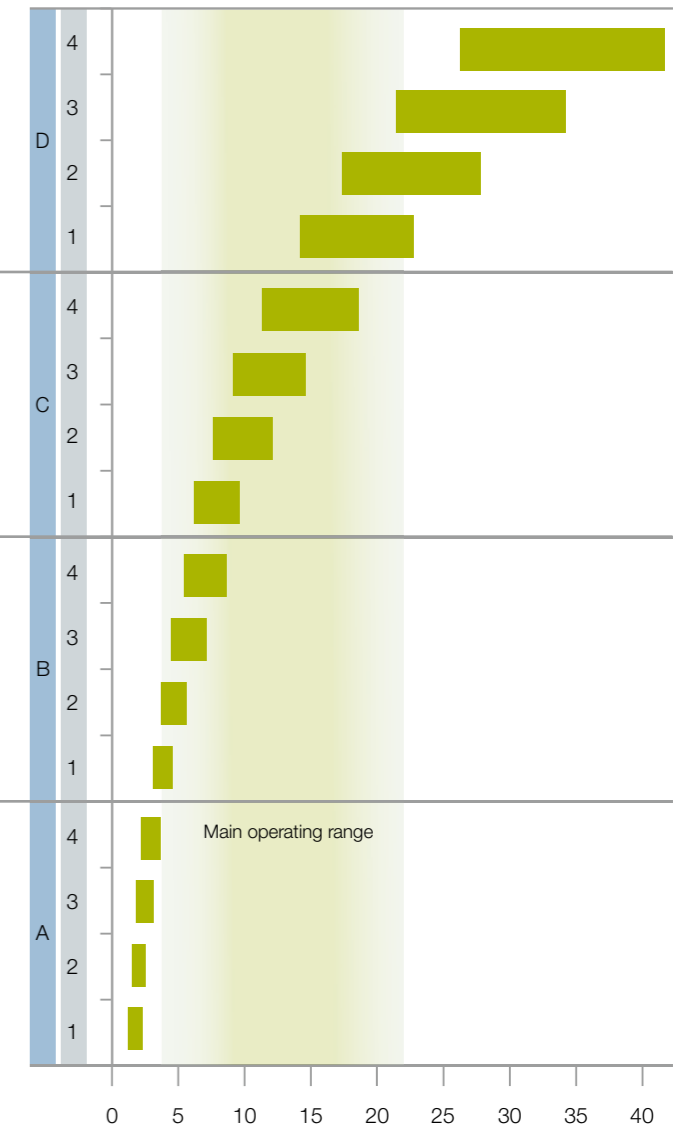
**Range C**  
– Cultivating  
– Mowing  
– Spraying  
– Sowing  
– Ploughing



**Range B**  
– Ploughing  
– Sowing  
– Front loader work



**Range A**  
– Mulching  
– Topping  
– Feeding  
– Power harrow



■ 40 km/h transmission at 1,400 to 2,200 rpm  
Tyres: 18.4 R 38

## 16 gears at the push of a button.

- No more range shifting with the clutch and gear lever
- REVERSHIFT for smooth turning manoeuvres
- Nine gears in the main operating range
- Simple, user-friendly operation using the drive lever or multifunction control lever
- Excellent efficiency in the field and on the road for low fuel consumption

- CLAAS power train management for smooth changes in range and powershift operations
- Automatic speed matching
- Creep gear from 490 m/h
- Fully automatic gear shifting with QUADRACTIV

# QUADRACTIV. The automatic transmission.



## Fatigue-free driving.

With four different driving strategies and many adjustment options, QUADRACTIV can adapt to any driver and any situation. You just select a driving mode by pressing a button on the B pillar.




The ARION 400 drives comfortably and safely, just the way you want it to. There won't be any unwelcome surprises, because you can choose all the settings so that they meet your needs perfectly. In addition, the automatic mode optimises the tractor's productivity and fuel consumption.






With QUADRACTIV you can concentrate on the essentials and leave your right hand free for other tasks. If necessary, drivers can intervene at any time using the +/- buttons.

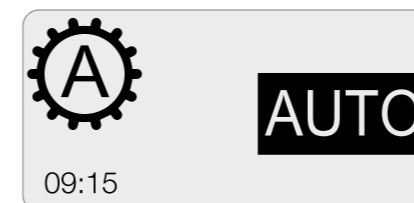
## Individual programming.

With the CIS display, the following functions of the QUADRISHIFT transmission can be matched to individual driver requirements and operating conditions:

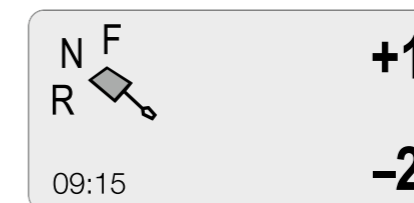
- Driving mode: field or road
- QUADRACTIV automatic gear shifting: fully automatic mode or rev band shifting point according to driver preference
- Start-up gear when starting the engine
- Start-up gear with QUADRACTIV activated
- REVERSHIFT progressivity
- Independent forward / reverse ratios

	Driving strategies	Mode	Shifting
Manual shifting	 <b>Manual shifting in field mode</b>	 <ul style="list-style-type: none"> <li>- Field mode selected</li> <li>- QUADRACTIV switch not pressed</li> </ul>	<ul style="list-style-type: none"> <li>- Range shifting by pressing the shift button and +/- buttons</li> <li>- Powershift shifting (1-4) by pressing the +/- buttons</li> </ul>
	 <b>Manual shifting in transport mode</b>	<ul style="list-style-type: none"> <li>- Road mode selected</li> <li>- QUADRACTIV switch not pressed</li> </ul>	<ul style="list-style-type: none"> <li>- Range shifting by pressing the +/- buttons</li> <li>- Powershift shifting (1-4) by pressing the +/- buttons</li> </ul>

	Driving strategies	Mode	Shifting
QUADRACTIV powershift unit	 <b>Automatic shifting in field mode</b>	 <ul style="list-style-type: none"> <li>- Field mode selected</li> <li>- QUADRACTIV switch pressed</li> </ul> 	<ul style="list-style-type: none"> <li>- Range shifting by pressing the shift button and +/- buttons</li> <li>- Automatic powershift shifting (1-4)</li> </ul>
	 <b>Automatic shifting in transport mode</b>	 <ul style="list-style-type: none"> <li>- Road mode selected</li> <li>- QUADRACTIV switch pressed</li> </ul>	<ul style="list-style-type: none"> <li>- Automatic range shifting</li> <li>- Automatic powershift shifting (1-4)</li> </ul>



QUADRACTIV setting in the CIS



REVERSHIFT progressivity setting in the CIS

# CLAAS tractor concept for greater flexibility.

## Compact is good!

Negotiating low barn entrances, shifting straw bales, pulling and lifting heavy tillage implements – the ARION 400 demonstrates the full efficacy of its compact and intelligent design.

An extended wheelbase and short overall length give the ARION 400 the crucial advantage of enormous manoeuvrability. It maintains this manoeuvrability with or without the CLAAS front linkage and front loader as the tractor was designed with these options in mind.

This makes the tractor extremely versatile and effective under any conditions – any time, anywhere.



## Benefits of the long wheelbase and ideal weight distribution.

- Excellent stability with front loader or rear-mounted implements
- More effective four-wheel drive for greater tractive power
- Little extra ballasting required
- Minimal front or rear ballasting requirements for daily applications
- Low fuel consumption
- Protects the soil
- Greater driving comfort
- Good and safe road handling

## Benefits of the short overall length.

- Good manoeuvrability
- Short trailer combination on the road
- Minimum overhang with front loader or front linkage
- Good visibility
- Good guidance of front-mounted implements





Perfect handling of front / rear mower combinations with the ELECTROPILOT



98 l/min maximum hydraulic pump capacity for fast front loader work



Excellent stability.  
The front and rear linkage.

A sturdy connection between the tractor and implement is essential for safe and efficient working. The linkages on the ARION 400 provide up to 6.5 t lift capacity at the rear and 2.8 t at the front, and also have a long lifting range.

Thanks to the compact and fully integrated construction of the front linkage, the attachments have a minimum overhang – and the folded lift arms fold flat against the front of the tractor.

The rear linkage is operated precisely and conveniently by the TCE 15 T electronic linkage control system. External controls are also built into the mudguards as standard. Vibration damping and accurate draught control also enable you to work in comfort and optimise results.

Choose your speed.  
The PTO.

Up to four PTO speeds are available: 540/1,000 or 540/1,000/540 ECO/1,000 ECO rpm, providing the appropriate speed range for every application. This saves fuel and reduces noise because you can operate at a reduced engine speed.



Keep up the pressure.  
The hydraulics.

The basic system available is an open hydraulic circuit with a hydraulic flow of 60 l/min. The standard 98 l/min open hydraulic circuit operates as a twin-pump system. The first pump serves the rear linkage, while a second pump provides flow to the hydraulic spool valves. This allows the ARION 400 to perform these two functions simultaneously. In addition, the entire hydraulic capacity of the two pumps can be pooled and delivered to the spool valves. Ideal for intensive front-loader operations or special hydraulic applications.

Up to three mechanical spool valves or two electronic plus two mechanical spool valves are available. The two electronic spool valves can be operated comfortably and intuitively with the multifunction control lever with ELECTROPILOT function, which also gives you full control of the front linkage and / or front loader.

The hydraulic couplings at the rear are configured so that they are easily accessible. Sturdy caps and oil spillage containers ensure that the rear of the tractor stays clean.

# Ready for anything. CLAAS front loaders.



## Integrated construction.

The mounting brackets and frame have been specially developed for the ARION 400. With reinforcements extending all the way to the rear axle, the tractor and front loader are capable of heavy front loader work without limiting access to the maintenance points or losing ground clearance. The front loader bracket and the controls and lines are fitted at the factory and delivered ready for use.

## Two operating options.

The front loader on the ARION 400 is operated by the FLEXPILLOT (hydraulically pilot-operated control valve) or the multifunction control lever with ELECTROPILOT function. Both systems provide maximum operating comfort.



## Multifunction control lever with ELECTROPILOT function.

The unique multifunction control lever combines operation of the transmission (shift up/down) and the front loader, allowing the right hand to remain comfortably on the multifunction control lever for rapid loading, while the left hand steers and operates the REVERSHIFT lever to change direction.

For infinitely variable control of the maximum lifting and lowering speeds, you can easily change the flow rates of the electronic spool valve for the front loader in the CIS.

## Secure locking mechanism.

FITLOCK, the lift arm locking mechanism that doesn't need tools, enables you to attach the loader quickly and – most importantly – securely from the comfort of your seat. The MACH quick-attachment coupler connects up all the hydraulic and electrical connections in a single action. This means that the front loader can be attached or removed in no time at all, and the driver only needs to leave the cab once.



## Precise self-levelling linkage.

Six front loader models are available for the ARION 400 ex factory – the FL series with hydraulic self-levelling linkage and the FL C series with mechanical self-levelling linkage.

ARION	FL 120 / FL 120 C	FL 100 / FL 100 C	FL 80 / FL 80 C
430 CIS	<input type="checkbox"/>	<input type="checkbox"/>	–
420 CIS	<input type="checkbox"/>	<input type="checkbox"/>	–
410 CIS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lifting height	m 4.15	4.00	3.85

Available – Not available



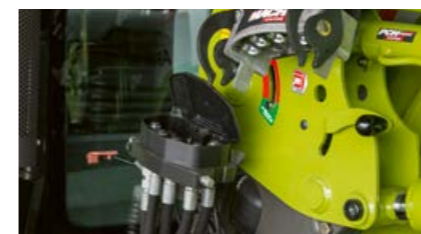
Attaching and removing the CLAAS front loader is very quick, easy and safe.



Thanks to the MACH quick-attachment coupler and FITLOCK system you only need to leave the cab once.



The CLAAS front loader rests safely on the attachment and support legs.



The MACH multicoupler – the fastest way to make a perfect connection.

## Active damping.

The SHOCK ELIMINATOR vibration damping system effectively protects the machine and driver against shocks and impacts. The SHOCK ELIMINATOR can remain active even with a full load.

# Greater comfort means higher productivity.

The ARION 400 offers drivers a working environment where they can keep a cool head throughout long and demanding working days. The cab concept and integrated systems help you to focus on your work and remain relaxed for better results:

- Multifunction control lever with transmission control and ELECTROPILOT function
- Air conditioning as standard
- Swivelling driver's seat with air suspension
- TCE 15 T electronic rear linkage control system with vibration damping and external controls on the mudguards
- FOPS (Falling Object Protective Structure) transparent sunroof
- Simple, well-designed maintenance concept



# More than a workplace. The cab.

Greater comfort makes you more productive.

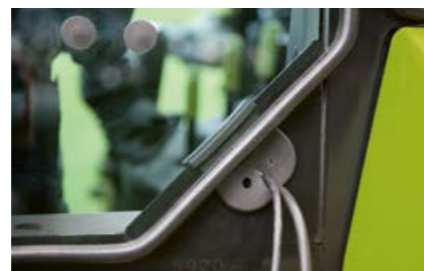
CLAAS engineers took three crucial factors into account when they were designing the cab:

- Tractor drivers work very long days
- A good all-round view is essential to allow implements to be moved safely and conveniently
- A comfortable working environment is a healthy one

Based on these criteria, CLAAS has developed a quiet and spacious cab where you can work in a relaxed and productive way, enjoy a cold drink, or calmly carry on a telephone conversation using the hands-free system which is built into the radio.



All our seat options keep you comfortable throughout long working days.



The cable feedthrough on the rear window provides different hole sizes for most cables.



Excellent view of the front loader thanks to the transparent sunroof.



Greater comfort means greater efficiency.

- Low, narrow bonnet for a good view of the front loader and front linkage
- New rear mudguard design with maximum mud-catching ability provides an optimum view of both sides and of the rear linkage
- Good view of the hitch
- Safe and comfortable access during everyday use, thanks to the wide-opening doors, ergonomic handles and self-cleaning steps
- Wide FOPS transparent sunroof for an unimpeded view of the front loader
- Pivoting seat with air suspension

- Comfortable passenger seat with seatbelt
- Plenty of storage space and practical storage compartments
- Cooler compartment for bottles up to 1.5 litres
- MP3 radio with Bluetooth function
- Powerful air conditioning system as standard





Everything in its place.

The clearly laid-out instrument panel provides all the information you need at a glance. The ARION 400 is intuitive and easy to use – no training sessions or long, drawn-out explanations are necessary. Just climb on board and drive away. From one job to another, you can control every function effectively and intuitively as the controls are perfectly configured for any application.

The TCE 15 T linkage control system is built into the right-hand side console and is therefore in an ideal position for controlling the rear attachments. A large dial allows you to set working depths effortlessly and attach and detach implements safely.

The external rear linkage controls on both rear mudguards are easily accessible and precise, as are the external controls for the PTO. This is particularly useful when filling slurry tankers.



Full and intuitive control.

In the ARION 400 the gear lever has had its day. The QUADRISHIFT transmission is operated effortlessly via +/- buttons and the shift button on the hand throttle. You can also shift all four ranges and powershift speeds via a rocker switch on the multifunction control lever (optional). The clutch pedal is only needed for manoeuvring.

Field and transport mode.

A switch on the right-hand console enables you to switch between the two transmission modes „Field“ and „Transport“.

- Field mode: shift between powershift speeds by pressing a button, change range with the +/- button and shift button
- Transport mode: shift between all ranges and powershift speeds by pressing a button



In the ARION 400 CIS, the QUADRACTIV automatic transmission shifts when you want it to. You just select your driving strategy using the on-board computer.

Select „Field“ or „Transport“ mode.



In addition to the traditional clutchless reverser function, REVERSHIFT also provides a declutch function.







- 1 Change range and powershift speed with QUADRISHIFT
- 2 F3 and F4 function
- 3 Float position
- 4 Hydraulic locking of front loader attachment
- 5 Switch ELECTROPILOT function on / off

- Fill / dump attachment
- Lower and raise front loader or front linkage



## Precise work.

The multifunction control lever in the ARION 400 is ideally positioned in the armrest of the driver's seat so there is no need to move your arm between the seat and multifunction control lever. Complete control is guaranteed at all times.

Two electronic spool valves can be operated using the multifunction control lever with ELECTROPILOT function.

The QUADRISHIFT transmission is also easy to operate using the rocker switch on the multifunction control lever. Alternating between gear shifting and activating the hydraulics is no longer necessary, providing considerable benefits during front-loader work, mowing with a front / rear combination or trailed mower, and seed drilling.

## The ELECTROPILOT.

Two electronic spool valves can be operated proportionally using the multifunction control lever. You can also use these spool valves to supply the front loader, front linkage and one connection at the rear of the tractor, or two hydraulic connections at the rear.

The flow rates of the two spool valves and the timer control can be set easily in the CIS, so a slight tap of the lever is all it takes to fully extend or retract the hydraulic rams.



The multifunction control lever with ELECTROPILOT function makes your work easier by combining control of the transmission with two electronic spool valves. This brings added convenience when handling implement combinations and during front loader work.

# CIS.

## Intelligence saves time and effort.



Simply better.  
ARION 400 with CIS.

The compact ARION 400 features the same technology as its big brothers. With the CLAAS INFORMATION SYSTEM (CIS), the ARION 400 offers the full CLAAS experience in terms of comfort and convenience.

With CIS, simultaneously activating several buttons or levers when carrying out difficult manoeuvres is a thing of the past. CIS controls the transmission, PTO and electronic spool valves automatically, leaving your hands and head free to concentrate on more important tasks so that you can get the most out of your ARION 400. Productive and efficient – day in, day out.



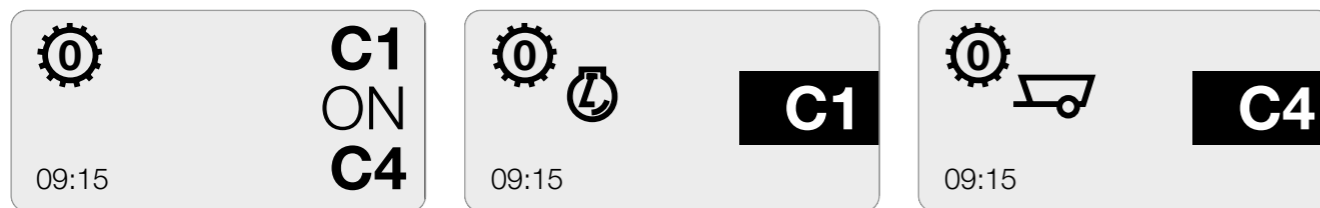
### Clear CIS display.

The CIS display is on the instrument panel, right in your field of view. Settings can be entered easily using the rotary / push switch and the ESC button.

Simple menu navigation and logical symbols make operation very straightforward. All the automatic functions can easily be configured to suit the working conditions and driver preferences at any time.



- 1 Navigation in the menu
- 2 Select
- 3 ESC button



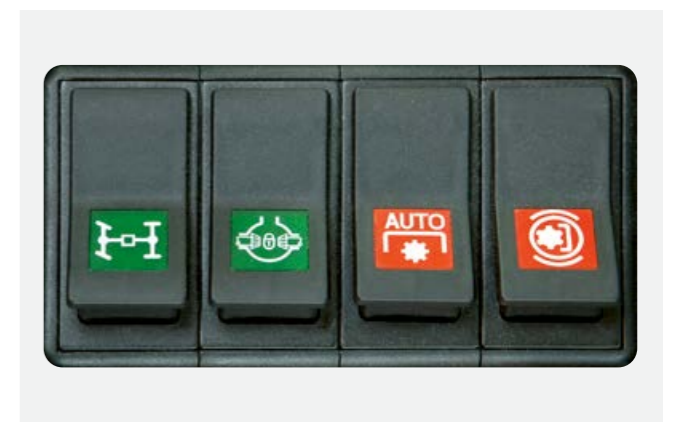
Setting the transmission start-up gear via the CIS display.

### Settings via CIS.

- Shift points for the QUADRACTIV powershift unit
- Start-up gear for the QUADRISHIFT transmission
- Progressivity of the REVERSHIFT clutchless reverser
- Independent forward / reverse ratios
- Time and flow rate settings for the electronic spool valves on the multifunction control lever

- On-board computer functions such as area worked, area output, fuel consumption and remaining work time
- Maintenance interval display

# The tractor that thinks for itself.



## Faster at headlands.

As an experienced agricultural machinery manufacturer, CLAAS understands that your time is precious and that you need to be able to concentrate fully throughout the working day. We have therefore developed simple and sensible automatic functions to make your daily work easier.

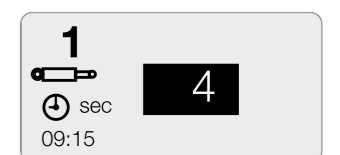
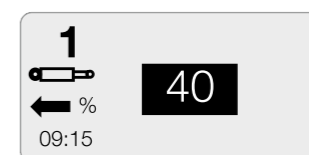
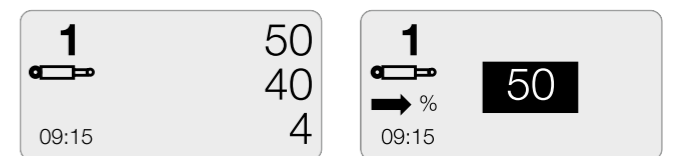
All the automatic functions can easily be adapted to any application and are simple to operate, leaving the driver relaxed, stress-free and able to work with precision. This saves a great deal of time at the headland and optimises your work processes every day you're out in the field.

In addition, the mechanical systems such as the PTO shaft and differential lock have been fitted with protection and tyre wear has been reduced to minimise costs and downtime.



## The ARION 400 offers the following automatic functions:

- Automatic PTO engagement / disengagement controlled by rear linkage position – perfect when drilling with a power harrow
- Automatic activation and deactivation of the differential lock according to rear linkage position – ideal when ploughing
- Time and flow control for two electronic spool valves, operated via the multifunction control lever
- Automatic activation and deactivation of four-wheel drive, depending on travel speed



Flow rate and time control can be set via the CIS display



### The name says it all.

The combined electronic competence of CLAAS can be summed up in a single word: EASY

This stands for Efficient Agriculture Systems – and lives up to its name. Equipment settings, steering systems, software solutions and more: EASY makes it all simple. Your systems can be matched perfectly with each other, enabling you to get the best performance from your machines and top results for your business.

### Go on. Go easy.

EASY can be broken down into four areas – each a specialisation, together a powerful team.

- on board – machine control and performance optimisation directly from the cab
- on field – increased productivity directly in the field
- on track – machine monitoring and remote diagnostics
- on farm – software solutions for your business

# Even better control. CLAAS terminals and steering systems.

The way you want it.

Portable displays from CLAAS offer a flexible control option for ISOBUS and steering systems. The terminal can also be moved from one tractor or self-propelled harvester to another, depending on the season or job in hand. Fit your ARION 400 with the equipment that suits you best:

**S10 terminal:**

- High-resolution 10.4" touchscreen terminal
- Steering and ISOBUS functions
- Up to four cameras can be displayed

**S7 terminal:**

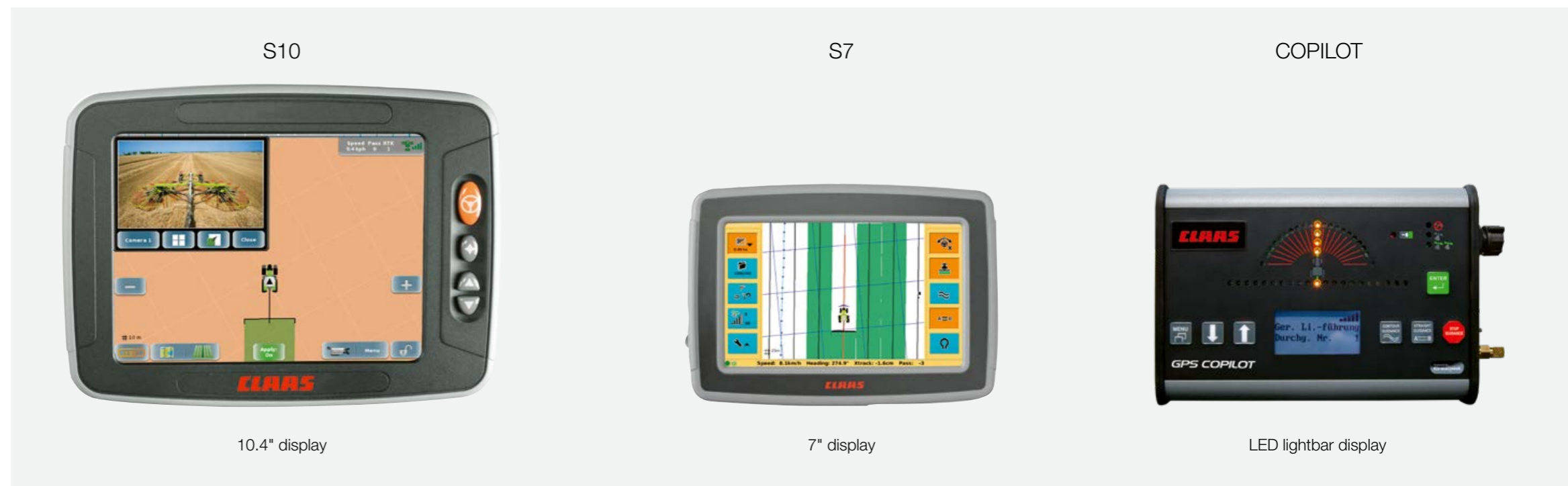
- High-resolution 7" touchscreen terminal
- Steering functions

**GPS COPILOT:**

- LED lightbar display
- Parallel guidance

CLAAS steering systems can be used with GPS and GLONASS satellite systems to enhance their flexibility and operational capabilities.

For further information about steering systems, see the CLAAS Steering Systems brochure or ask your CLAAS dealer.



**ARION 400 with GPS PILOT FLEX.**

The GPS PILOT FLEX has an electric steering wheel which allows you to operate the machine with a high degree of accuracy. The great advantage of the GPS PILOT FLEX is its enormous versatility. The steering wheel can easily be transferred between machines which are only used on a seasonal basis, such as combine harvesters and forage harvesters, and can also be used on a tractor for field work. It is also designed for installation on older CLAAS machines or machines from other manufacturers. A number of options are available. You can use the existing GPS PILOT equipment on the individual machines and just change the steering wheel, or you can move all the main components between machines.

**Multiple selling points:**

- No need to touch the hydraulics
- Steering system can easily be moved between different machines
- All the functions of the GPS PILOT



**The easy way to start – GPS COPILOT.**

The GPS COPILOT from CLAAS is the ideal entry-level model for satellite-based steering systems and offers a wide range of functions. The driver – guided by the EGNOS satellite signal (with no licence fee) – can steer the machine safely and securely in parallel lines or along variable contours with a GPS accuracy of +/- 15 to 30 cm. The system enables the operator to utilise the machine's full working width and reduces overlapping. This boosts the quality of work while reducing the work time even in difficult light and weather conditions.

**Ideal for:**

- Tillage
- Fertiliser application
- Slurry spreading
- Manure application
- Lime application
- All jobs with no orientation points (tramlines)

Simple. Safe. Reliable.  
CLAAS servicing and maintenance.

The ARION 400 never lets you down.

Maintenance, spare parts, service: the CLAAS team does everything it can to reduce downtime with your ARION 400 to an absolute minimum. We have developed clever solutions for effective maintenance – because a well-prepared machine provides maximum operational reliability. Ensuring that your machine functions correctly and retains its value are our top priorities. Because we know that your tractor is one of your most important keys to success.



# Maintenance must be as simple as possible.

## Quick maintenance.

Daily maintenance work should be as straightforward as possible – because we know from experience that nobody enjoys doing things that are complicated or inconvenient.

- The oil level can be checked with the bonnet closed
- The one-piece bonnet is easy to open with one hand
- The entire engine space is completely exposed when the bonnet is open
- A quick pull of the lever and the gas strut opens the radiator assembly
- The radiator assembly remains open so that you can clean the panels safely
- Daily maintenance points such as the engine air filter can be accessed quickly without tools

Simple maintenance options and long maintenance intervals reduce your downtime and costs.

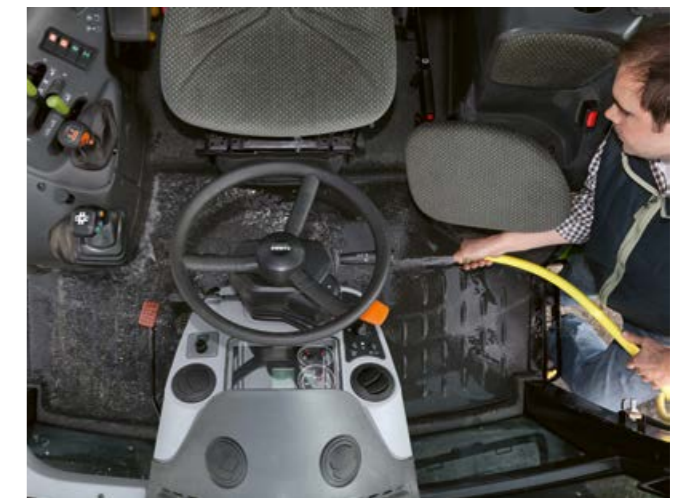


The large fuel tank on the ARION 400 minimises tank filling time and therefore reduces downtime. Its 175 litre capacity allows long, productive days.



## Easy to clean.

The interior trim in the cab is made from tough, dirt-repellent, easy-care material that is quick and easy to clean. The floor can be washed easily using a hosepipe.



# Close at hand. CLAAS Service.



## CLAAS ORIGINAL. For a long service life.

Members of the First CLAAS Service teams from CLAAS sales partners worldwide are available round the clock to provide a full spare parts supply and reliable service. They are on hand to assist you at any time, with expert knowledge, experience and a genuine passion for you and your machine, and can also supply CLAAS ORIGINAL parts, characterised by top quality, superb function and a long service life, within very short timeframes.

## We're always close by when you need us.

Our central parts warehouse in Hamm (Germany) delivers all CLAAS ORIGINAL parts quickly and reliably all over the world. The dense network of CLAAS dealers around the world ensures that parts reach their destination as quickly as possible – wherever you happen to be.



The international CLAAS spare parts warehouse holds 135,000 different parts and has a storage area of 40,000 m<sup>2</sup>.



## In the best hands.

CLAAS dealers are among the most efficient agricultural technology companies in the world. Our service teams are ideally qualified and equipped with the all-important special tools and diagnostic systems. CLAAS Service stands for high-quality work which meets all your expectations with regard to expertise and reliability.

## Invest in the best. Invest in success!

Increasing cost pressure and narrow timeframes during the harvesting season call for measures which enable you to guarantee the availability of your machine – far beyond the first twelve months covered by the statutory warranty. With this in mind, CLAAS offers individual service products with easily predictable costs which ensure that you can count on a high degree of reliability and efficiency. With the CLAAS post-harvest check, maintenance contract and MAXI CARE (extended warranty) service products we can tailor a service package to meet your specific requirements. This allows you to work on the basis of predictable costs while minimising the risk of a machine breakdown.

### CLAAS post-harvest check:

The original CLAAS post-harvest check means competent diagnostics, reliable detection of any potential problems and professional documentation of the machine's condition.

### CLAAS maintenance contract:

With the CLAAS maintenance contract, your CLAAS dealer takes care of all maintenance services on your CLAAS machine.

### CLAAS MAXI CARE:

Your extended warranty for harvesters, tractors and telehandlers, which covers any CLAAS ORIGINAL parts and repair work required under warranty.

### Your benefits at a glance:

- Longer machine service life
- Professionally equipped dealer workshop
- Advice on specialist equipment and retrofitting
- Keep your machine in top working condition
- Minimise downtime
- Fixed cost planning
- Long-term value retention
- CLAAS ORIGINAL parts and service products are used as recommended



For all your day-to-day challenges.



# Convincing reasons for everyone.



## For all applications.

- DPS four-cylinder engine, max. output of 100 to 130 hp in accordance with ISO TR 14396
- 10 hp boost in all models
- QUADRISHIFT transmission with QUADRACTIV powershift unit
- Automatic PTO engagement / disengagement
- Up to four spool valves
- Max. 98 l/min hydraulic output
- Integrated front linkage and front PTO

## For all requirements.

- FOPS transparent sunroof and low, narrow bonnet for a perfect view of the front loader and front linkage
- Multifunction control lever with ELECTROPILOT function to operate the transmission and two electronic spool valves
- CLAAS INFORMATION SYSTEM (CIS)
- Long wheelbase and excellent weight distribution
- Electronic rear linkage with vibration damping
- Pivoting seat with air suspension
- Powerful air-conditioning system and refrigerator compartment

ARION		430	420	410
<b>Dimensions</b>				
Rear wheels		18.4 R 34	16.9 R 34	16.9 R 34
Front wheels		14.9 R 24	13.6 R 24	13.6 R 24
<b>Height</b>				
Overall height (a)	mm	2761	2736	2736
Centre of rear axle – top of cab (b)	mm	1986	1986	1986
<b>Length</b>				
Wheelbase (c)	mm	2564	2564	2564
Length (without front weight) (d)	mm	4442	4442	4442
<b>Ground clearance</b>				
Front axle (e)	mm	466	441	441
Rear axle (f)	mm	455	430	430
<b>Weight</b>				
Rear wheels		18.4 R 38	18.4 R 38	16.9 R 38
Front wheels		14.9 R 28	14.9 R 28	13.6 R 28
Weight without ballast	kg	4900	4900	4800
Max. front ballast without front linkage	kg	718	718	718
Weight distribution with ballast (rear / front)	%	50/50	50/50	49/51
Max. permissible gross weight	kg	8800	8800	8800

ARION		430	420	410
<b>Tyres</b>				
Rear tyres	Front tyres			
16.9 (420/85) R 34	13.6 (340/85) R 24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
480/70 R 34	340/85 R 24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
480/70 R 34	380/70 R 24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
480/75 R 34	380/75 R 24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
540/65 R 34	440/65 R 24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18.4 (460/85) R 34	14.9 (380/85) R 24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
520/70 R 34	420/70 R 24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
600/65 R 34	480/65 R 24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13.6 (340/85) R 38	11.2 (280/85) R 28	-	<input type="checkbox"/>	<input type="checkbox"/>
16.9 (420/85) R 38	13.6 (340/85) R 28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
480/70 R 38	380/70 R 28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
540/65 R 38	440/65 R 28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18.4 (460/85) R 38	14.9 (380/85) R 28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
600/65 R 38	480/65 R 28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
520/70 R 38	420/70 R 28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
600/60 R 38 <sup>1</sup>	480/60 R 28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
650/60 R 38 <sup>1</sup>	520/60 R 28	<input type="checkbox"/>	-	-
16.9-34 <sup>2</sup>	14.9-24 <sup>2</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18.4 (480/80) R 34 <sup>2</sup>	14.9 (400/80) R 24 <sup>2</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18.4 (480/80) R 38 <sup>2</sup>	14.9 (400/80) R 28 <sup>2</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



- XeoBib tyres
- Tyres with industrial tread

● Standard ○ Optional □ Available – Not available

ARION		430	420	410
<b>Engine</b>				
Manufacturer		DPS	DPS	DPS
Number of cylinders / intake		4/TI <sup>1</sup>	4/TI <sup>1</sup>	4/TI <sup>1</sup>
Common rail injection		●	●	●
Cubic capacity	cm <sup>3</sup>	4525	4525	4525
Nominal engine speed	rpm	2200	2200	2200
Engine speed at maximum output	rpm	2100	2000	2000
Type approval value (97/68/EC <sup>2</sup> )	kW/hp	98/133	90/122	83/113
Output at nominal engine speed (ECE R 120 <sup>3</sup> )	kW/hp	85/115	77/105	70/95
Max. output (ECE R 120 <sup>3</sup> )	kW/hp	88/120	81/110	75/100
Max. output with CPM (ECE R 120 <sup>3</sup> )	kW/hp	95/130	88/120	81/110
Constant output	rpm	400	400	300
Max. torque (ECE R 120 <sup>3</sup> )	Nm	495	465	420
Max. torque with CPM (ECE R 120 <sup>3</sup> )	Nm	510	500	460
Engine speed at max. torque	rpm	1200 – 1650	1300 – 1650	1000 – 1650
Torque increase	%	31	39	40
Max. fuel tank capacity	l	175	175	175
Oil-change interval	h	500	500	500
<b>Transmission</b>				
Ratios F/R		16/16	16/16	16/16
Min. speed at 2200 rpm	km/h	1.97	1.97	1.97
Max. speed	km/h	40	40	40
REVERSHIFT clutchless reverser		●	●	●
Powershift speeds		4	4	4
Electronically controlled ranges		4	4	4
QUADRACTIV		○	○	○
Multifunction control lever to operate the transmission <sup>4</sup>		○	○	○
Min speed with creep gear	km/h	0.49	0.49	0.49
<b>Rear axle</b>				
Electrohydraulically activated differential locks		●	●	●
Automatic differential locks		●	●	●
Max. rear tyres		650/60 R 38	600/65 R 38	600/65 R 38
<b>PTO</b>				
Wet multi-disc clutch		●	●	●
External controls		○	○	○
540/1000		●	●	●
540/540E/1000/1000E		○	○	○
PTO shaft management		○	○	○
Changeable PTO stub		●	●	●
Number of splines		6/21	6/21	6/21

1 TI: Turbocharger and intercooler

2 Performance data fit criteria for admissibility. Performance as per 97/68/EC is identical to 2000/25/EC.

3 Meets ISO TR 14396

4 Only with ELECTROPILOT

● Standard ○ Optional □ Available – Not available

ARION		430	420	410
<b>Four-wheel drive front axle</b>				
Electrohydraulic operation		●	●	●
Automatic 4-wheel drive		●	●	●
Max. steering angle	degrees	55	55	55
Castor angle	degrees	6	6	6
Angle of oscillation	degrees	10	10	10
Turning radius	m	4.40	4.40	4.40
Track	mm	1950	1950	1950
with tyres		13.6 R 28	13.6 R 28	13.6 R 28
Fixed or pivoting mudguards		○	○	○
<b>Hydraulics</b>				
Max. operating pressure	bar	195	195	195
Open hydraulic circuit		○	○	○
Flow at rated speed	l/min	60	60	60
Combined twin pump open hydraulic circuit		●	●	●
Flow at rated speed	l/min	98	98	98
Flow control		●	●	●
ELECTROPILOT (2 electronic spool valves operated by multifunction control lever)		○	○	○
Number of spool valves	min/max	2/4	2/4	2/4
<b>Rear linkage</b>				
Max. lifting capacity at ball ends	kg	6500	6500	6500
Continuous lifting power at ball ends	kg	4100	4100	4100
Vibration damping		●	●	●
External rear linkage operation		●	●	●
Hydraulic trailer brake		●	●	●
Air brakes		○	○	○
<b>Cab</b>				
Air conditioning		●	●	●
CIS (CLAAS INFORMATION SYSTEM)		●	●	●
On-board computer functions		○	○	○
Adjustable steering column		●	●	●
Cooler compartment		○	○	○
Passenger seat		○	○	○
MP3 Bluetooth radio		○	○	○
Driver's seat with air suspension, swivelling		○	○	○
Seat with mechanical suspension		●	●	●
Noise level	db(A)	72	72	72

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



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