



Tractors

ELIOS

340 330 320

CLAAS





The comfortable way to get more done.

Your day-to-day work is determined by the weather, the livestock, the fields and your customers. It's not easy to plan for all these things. Especially when the bottom line is a successful harvest and a high quality product. We have developed our new compact tractors to help you achieve your goals. Versatile, efficient, comfortable and reliable – they make light work of your everyday tasks, reduce your costs and help you be more productive.

You'll be amazed by the level of comfort in the compact ELIOS 300. The spacious cab with flat floor keeps you relaxed during long working days. You can operate the front loader and rear linkage effortlessly with two fingers – just like the TWINSHIFT powershift unit and the REVERSHIFT clutchless reverser. Now you can do your job more comfortably and efficiently than ever before.



ELIOS 300.
Get more done together.



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Discover the new
ELIOS 300.
elios.claas.com



Scan me.

Comfortable and versatile assistant.

Comfort. Work more efficiently.

With its spacious interior, adjustable steering wheel and large field of view, people of all sizes will feel at home in the ELIOS 300 cab. It has been ergonomically designed to minimise driver exertion and fatigue.

The logical and intuitive arrangement of the controls simplifies your work processes, leaving you free to focus on the job in hand – your implement, your livestock or your crops. Comfort functions such as electronic spool valves and SMART STOP are available for intensive and repetitive tasks.



The ergonomic side console is designed with efficiency in mind.
Page 32



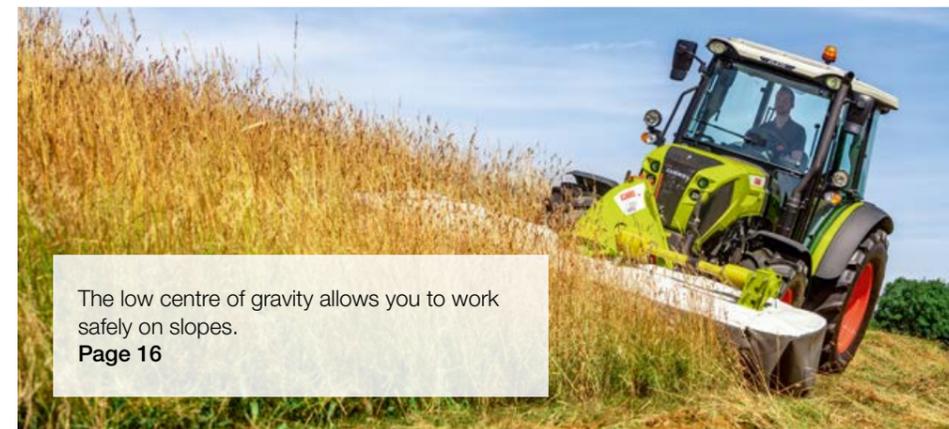
A range of seat and steering wheel adjustment options create a comfortable working environment.
Page 30



SMART STOP allows you to stop effortlessly without having to depress the clutch pedal.
Page 15



With the E-PILOT S you can operate the front loader with ease and precision.
Page 27



The low centre of gravity allows you to work safely on slopes.
Page 16



Low overall height and excellent manoeuvrability guarantee high flexibility.
Page 16

Versatility. Saving you time.

With a height of less than 2.6 m and a turning radius of 3.51 m, the ELIOS 300 can go anywhere and manoeuvre in the tightest corners of your yard. And with a low weight of just 3.6 t, it leaves virtually no tracks when harvesting hay or crop spraying.

With numerous factory-fitted options such as front linkage, front PTO or front loader, you can tailor your ELIOS 300 precisely to your needs.

Performance and reliability you can count on.

Performance. Be more productive.

The lively engine, evenly distributed gears and high hydraulic output of up to 87 l/min are key to the efficiency of the ELIOS 300. The engine runs smoothly and powerfully at all speeds.

The transmission with REVERSHIFT and TWINSHIFT provides the right gear for any situation. The reduced engine speed of 1,750 rpm at a top speed of 40 km/h reduces fuel consumption significantly during transport operations.



The REVERSHIFT clutchless reverser allows you to perform rapid turning manoeuvres with ease.
Page 14



The smooth 4-cylinder engine offers high power reserves.
Page 12

Reliability. Always ready for work.

The ELIOS 300 concept has evolved in close cooperation with our customers. We incorporate your practical experiences into every further development, which is why our tractors just keep getting better and better.

You can count on the quality of the ELIOS 300. Put your faith in the high-quality components, the meticulous workmanship and of course, the round-the-clock CLAAS Service – every single day.



The high hydraulic output of 87 l/min handles even demanding implement combinations.
Page 18



The outstanding manufacturing quality makes the ELIOS 300 absolutely reliable.
Page 38



40 km/h at just 1,750 rpm saves fuel and reduces the noise level on the road.
Page 14



Long intervals and good accessibility reduce maintenance costs and downtimes.
Page 36

CPS | CLAAS POWER SYSTEMS

Our drive system: the perfect interplay between optimal components.

Your CLAAS machine is much more than the sum of its individual parts. Top performance is only possible when all parts are ideally matched and work together optimally.

In CLAAS POWER SYSTEMS (CPS), we have brought together top-quality components to create an intelligent drive system that sets new standards. Full engine output only when you need it. Drives that are suited to the way your machines are used. Fuel-saving technology which quickly pays off.



Constant output – low fuel consumption.



Stage V for clean exhaust emissions.

In the Stage V-compliant ELIOS 300, all components of the exhaust gas aftertreatment system have been cleverly incorporated to ensure easy access to the engine compartment and maintenance points. The diesel oxidation catalytic converter (DOC), diesel particulate filter (DPF) and selective catalytic reduction (SCR) are neatly combined in a single element which follows the smooth lines of the bonnet. This gives you an uninterrupted view to the front and to the wheels. The 105 l fuel tank and 10 l urea tank provide enough range for long working days.

Precise work at just the right speed.

The ELIOS 300 features an electronic common rail injection and one engine speed memory as standard. A second speed memory is available as an option. The desired engine speed can be selected at the press of a button, while two further buttons are provided for finer adjustment – especially helpful for PTO work.

Strong at heart.

Under the bonnet, all models feature FPT (Fiat Powertrain Technologies) engines with a cubic capacity of 3.6 litres and all the latest technology.

- Viscous fan
- 1,800 bar high-pressure common rail injection
- Turbocharger
- Intercooler
- Complies with Stage V emissions standard thanks to DOC catalytic converters, diesel particulate filters (DPF) and SCR selective catalytic reduction

The 3.6 l cubic capacity guarantees low fuel consumption. When combined with a well-balanced 4-cylinder engine, this ensures that the tractor runs very smoothly with low noise levels and a long service life. Despite its compact format, the ELIOS with viscous fan and the latest injection and emission control technology is superbly equipped for efficient operation.

Constant output.

The CLAAS-specific engine performance curve provides full torque in a wide engine speed range, guaranteeing constant output and power delivery when they are needed. This makes it easy to save fuel when working at low engine speed and maximum torque with the ECO PTO, or to work at rated speed with a full reserve. The high efficiency level eliminates the need for frequent gear changes.

ELIOS	340	330	320
Maximum output in hp ¹	103	92	85
Maximum torque in Nm ¹	406	366	334

¹ ECE R 120

The ELIOS comes with an engine air pre-warmer as standard. An electronic cold-start kit which starts the engine gently and reliably at temperatures down to -30°C is also available as an option.

REVERSHIFT and TWINSHIFT.

Using the clutch pedal is a thing of the past.

Perfect balance.

With the REVERSHIFT / TWINSHIFT transmission with 30 forward and 15 reverse gears, the ELIOS 300 offers the perfect balance between high mechanical efficiency, ease of operation and high ride comfort. Efficient transfer of power to the wheels reduces fuel consumption. Intuitive operation makes the driving experience feel very natural and prevents fatigue on long working days. With 10 gears in the main operating range between 5 and 15 km/h, the ELIOS always offers the perfect solution.

Agile at the headland.

The REVERSHIFT clutchless reverser on the steering wheel ensures gentle turning manoeuvres. REVERSHIFT can also be operated on the ELECTROPILOT joystick, allowing the electronic spool valves and direction changes to be operated with your right hand.

Ready for any situation.

The TWINSHIFT powershift speed increases the tractive power by 20% at the press of a button. This allows you to adapt to changing conditions in the field without having to change the mechanical gear.

Perfect for specialist crops.

A minimum speed of 500 m/h at the rated engine speed (300 m/h at 1,400 rpm) allows you to work efficiently in specialist crops.



Kind to your pocket, kind to the driver on the road.

The ELIOS 300 reaches a top speed of 40 km/h at just 1,750 rpm – saving valuable fuel and reducing the noise level during transport operations.

Shifting is as easy as in your car.

The short shift lever built into the right-hand console is designed for precise operation.

Three options to decouple the transmission.

1

Hold the REVERSHIFT lever in the raised position, e.g. to empty the bucket before reversing during for front loader work.



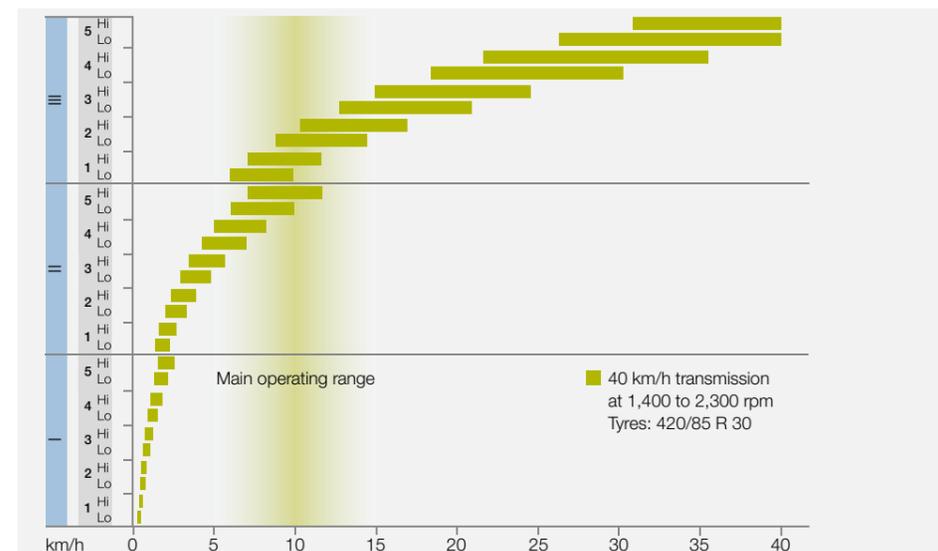
2

Press the button on the front side of the gear knob to change gear when travelling on the road.



3

Depress the brake pedal to bring the tractor to a halt using SMART STOP, e.g. to eject a round bale from the baler.



CLAAS tractor concept: Compact, stable and manoeuvrable.



A low centre of gravity really comes into its own on difficult terrain such as sloping ground, giving the ELIOS tractors excellent stability. The maximum track width of 2,310 mm further reinforces this effect. Together with the balanced weight distribution, this ensures exceptional safety. And with a low unladen weight starting at 3.6 t, soil-friendly, fuel-efficient work is a given.

Sufficient ground clearance is yet another requirement for machines working in the field, whether for driving over swaths during haymaking or when negotiating beds or ridges in vegetable cultivation – here, too, the ELIOS is a winner.

Playing it safe.

Optimum weight distribution for everyday jobs with the front loader or heavy front and rear attachments, such as wood chippers or verge mowers, ensures safe handling on the road and in the field.



Good manoeuvrability and a low centre of gravity.

A long wheelbase combined with optimum weight distribution and a compact overall length guarantee superb flexibility and performance.

Long wheelbase and excellent weight distribution.

- Low centre of gravity, perfect for working on slopes
- High ride comfort
- Good, safe road handling
- Higher lift capacity thanks to improved stability
- Higher tractive power and performance due to low ballast requirement
- Light on the soil and dynamic on the road thanks to a favourable power-to-weight ratio
- Optimises fuel consumption

Short overall length.

- Good manoeuvrability
- Good visibility
- Good guidance of front-mounted implements
- Compact and manoeuvrable thanks to a minimum turning radius of just 3.51 m
- Minimum external width from 1.65 m

Why settle for anything else?

With the ELIOS 300, you're ideally equipped for municipal work, horticulture, equestrian work, vegetable production and viticulture too.

The ELIOS 300 is your ideal partner in very wide orchards or vineyards. The optional narrow front axle with corresponding tyres gives an overall width of just 1.65 m, yet it retains the cab size of a standard tractor. And with a low height of only 2.60 m, the ELIOS can easily pass through low doorways.

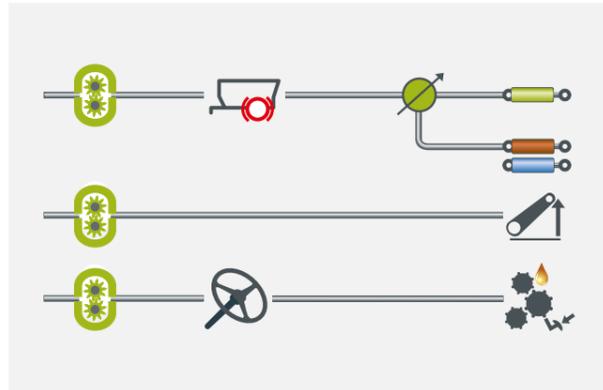


CLAAS supplies optional factory-fitted Trelleborg turf tyres (sizes: 600/55-26.5 rear and 00/55-22.5 front) to enable the ELIOS to be driven over sensitive grass cover or wet subsoil in parks and on sports fields without damaging the precious turf – all year round.

Safety first.

The braking system is designed to cope with the maximum permissible gross weight of 5.2 t with optimum safety. Four-wheel drive engages automatically during braking to bring the entire tractor safely to a standstill.

Keep up the pressure – the hydraulics.



Hydraulic output on demand.

The ELIOS 300 is equipped with two hydraulic pumps as standard, which together deliver a flow of 87 l/min. One hydraulic circuit supplies the steering system at 27 l/min, while a second circuit supplies the rear linkage and spool valves at 60 l/min.

Three hydraulic pumps are optionally available to give a maximum combined flow of 114 l/min. With this configuration, the first circuit supplies the steering system and the second circuit the rear linkage, both at 27 l/min. The third pump supplies the spool valves at 60 l/min. This enables overlapping actions to be performed simultaneously or implement combinations with extremely high hydraulic requirements to be operated. Valuable fuel savings can also be achieved by operating at low engine speeds while maintaining a high hydraulic output.

The hydraulic connections mounted to the left of the top link make it easy to connect rear implements. The colour-coding and stickers makes the connections easy to identify. The oil leak container keeps the rear of the tractor clean. Two front hydraulic functions can be controlled by the four connections located at the front to the right of the cab.

When using a hydraulic motor in continuous operation for example, the free-flow return (orange connection) available at the front or rear helps to prevent the oil from overheating.



Up to four hydraulic connections and a free-flow return are available at the front

More work, less fuel.

- The hydraulic circuit and spool valves can be configured to suit your needs.
- Flow rate control on the spool valves enables you to control functions with precision
- With the 3-pump circuit you can control up to three hydraulic functions simultaneously and save time at the headland
- The free-flow return reduces pressure loss, increases performance and lowers consumption



The rear connections are easy to identify thanks to colour-coding and adjacent stickers

Ready for any challenge – the spool valves.

The choice is yours.

Despite its compact format, the ELIOS has a surprising number of equipment options – making it ideally suited for the challenges of day-to-day work:

- Hydraulic circuit with flow rate of 60 or 87 l/min for rear linkage and spool valves
- Up to three mechanical or four electronic spool valves



The maximum flow rate of mechanical spool valve 3 can be limited with just one hand from the comfort of the cab

Mechanical spool valves.

The ergonomic control elements of the mechanical spool valves are easy to operate. The float position enables the mower to follow the ground contours.

You can use the slider on the front side of the lever to lock any valve in neutral position. If you need to reduce the speed of a hydraulic motor, simply limit the flow rate of the third spool valve from the cab with one hand.

Electronic spool valves.

In conjunction with the three-pump hydraulic circuit, the ELIOS can be optionally equipped with up to four electronic spool valves. Two are operated via the ELECTROPILOT and the other two via rocker switches. What's more, the third and fourth function on the ELECTROPILOT gives you full control of the front loader.



Operating the electronic spool valves.

- 1 ELECTROPILOT 4-way control lever to operate electronic spool valves 3 and 4
 - Position pressure / neutral / float
 - Third and fourth front loader functions controlled by F3 and F4 buttons
 - Adjustable maximum flow rate
 - Integrated REVERSHIFT clutchless reverser function
- 2 Rocker switch control for electronic spool valves 1 and 2
 - Position pressure / neutral / float
 - Adjustable maximum flow rate, time control
- 3 Locking function for electronic spool valves for increased safety, e.g. during transport



Electronic spool valve settings and status overview in the instrument panel.

- A Activation status of the electronic spool valves
- B Menu for spool valve 1
- C 3-stage response
- D Flow rate
- E Time control and continuous operation (spool valves 1 and 2)
- F Current status
- G Current flow rate
- H Status display of the four electronic spool valves

Highly versatile.



Lift anything you like.

With a maximum lift capacity of 3.2 t at the ball ends of the rear linkage, the ELIOS 300 is well equipped for the daily rigours of work. The rear linkage comes with an electronic operating unit as standard. The menu in the instrument panel provides the driver with an overview of the rear linkage at all times.

The choice is yours.

Despite its compact format, the ELIOS has a surprising number of equipment options – making it ideally suited for the challenges of day-to-day work:

- Electronic rear linkage with max. 3.2 t lift capacity
- External controls for rear linkage on both mudguards
- Wide range of hitching options such as drawbar, various types of clevis, pickup hitch, Piton Fix and CUNA
- Hydraulic two-line trailer brake



Easy to use.

- 1 Quick implement entry
- 2 Locked transport position with active vibration damping
- 3 Lower rear linkage – Stop rear linkage – Raise rear linkage
- 4 Dial for rear linkage depth control



Perfect overview.

- A Setting the draught control in auto or normal mode
- B Setting the lift speed
- C Tractive force or position mode of depth control dial
- D Set lift limit
- E Current lower link position
- F Set depth limit
- G Measured tractive force
- H Set tractive force

You can control the rear linkage externally from either of the rear mudguards



Draught control, lowering speed and lift height limiter can be operated from the right-hand console





Fully integrated front linkage.

A fully integrated front linkage with a lift capacity of 3.2 t is available as an option for the ELIOS 300. The integrated design of this front linkage combined with a short distance between the front axle and coupling points reduces the overhang with the front ballast or front mower and improves front implement guidance. The front linkage is operated via a mechanical or an electronic spool valve, depending on the specification.



- 1 The digital speed indicator for the front and rear PTO means that you're always working at just the right speed
- 2 Activate the front and rear PTO at the press of a button

Powerful front PTO.

The 1,000 rpm front PTO opens up a wide range of potential applications. The 540 rpm ECO front PTO enables the implement to be operated at a lower, fuel-efficient engine speed. In this configuration, a front and a rear implement can be operated simultaneously in 540 ECO PTO mode. The front PTO is activated electrohydraulically.

Three different PTOs at the rear.

The ELIOS comes with a range of PTO options, including a 540 ECO PTO with reduced engine speed. This option reduces diesel consumption and minimises noise levels during light PTO work. A separate ground speed PTO for use with trailers is also available as an option.

- 540 ECO and 540 rpm
- 540 and 1,000 rpm
- Ground speed PTO available for all configurations



The electrohydraulic PTO engagement controls the start-up smoothly to suit the attached implement and protects the mechanical components

A perfect fit. CLAAS front loaders.

No compromises.
Even with front loader work.

With front loaders, the connection to the tractor is crucial for safe, fast loading operations. So when developing the ELIOS series, we made sure that the attachment brackets were fully integrated into the overall tractor concept. The brackets are positioned a long way back, providing stability during heavy work.

A robust bolted connection made from high-strength cast steel joins the front loader bracket to the engine half frame – without compromising the steering lock or ease of maintenance.



The design of the mounting brackets allows a CLAAS front loader to be retrofitted at a later date.



More information about CLAAS front loaders is available on our website. frontloader.claas.com

Scan me.



E-PILOT S



ELECTROPILOT

Clear benefits.

- Front loader brackets and controls can be factory-fitted
- Tractors for front loader work are supplied with a FOPS-compliant cab (Falling Object Protective Structure)*
- Two convenient control options to choose from: ELECTROPILOT or E-PILOT S
- Option of PCH hydraulic self-levelling on FL front loaders or PCM mechanical self-levelling on FL C and FL E models
- FITLOCK system for quick and convenient fitting/removal of the front loader
- MACH quick-attachment coupler for electrical and hydraulic connections
- FASTLOCK hydraulic implement locking
- SPEEDLINK for automatic locking and connection of all hydraulic and electric connectors on the implement
- SHOCK ELIMINATOR vibration damping
- Wide selection of attachments
- And not forgetting the full CLAAS service

ELIOS	340	330	320
FL	60	60	60
FL C	40, 60	40, 60	40, 60
FL E	40, 60	40, 60	40, 60

Two operating options.

You can operate the CLAAS front loader on the ELIOS via the ELECTROPILOT or the E-PILOT S 4-way control lever. Both options are integrated into the side console.

The E-PILOT S is the ideal electronic control system for use in conjunction with the tractor's mechanical spool valves. It gives you fingertip control of all front loader functions.

The ELECTROPILOT is included as part of the electronic spool valve specification. It gives you the flexibility to control the front loader or the implements attached to the tractor. The REVERSHIFT clutchless reverser integrated into the 4-way control lever allows you to perform rapid manoeuvres without letting go of the lever.

FITLOCK system for rapid attachment/removal and MACH quick-release coupler for electric and hydraulic connections



A comfortable working environment helps increase productivity.

With its spacious interior, adjustable steering wheel and large field of view, the ELIOS 300 cab is bound to make every driver feel at home. It has been ergonomically designed to minimise driver exertion and fatigue. The logical and intuitive arrangement of the controls simplifies your work processes, leaving you free to focus on the job in hand – your implement, your livestock or your crops. Comfort functions such as electronic spool valves and SMART STOP are available for intensive and repetitive tasks.



More than just a workplace. The cab.



Everything in view, everything to hand.

Welcome to the ELIOS 300 cab: the wide-opening door, comfortable handles and self-cleaning step provide easy access to the cab, while a range of seat and steering wheel adjustment options guarantee every driver a comfortable working environment. The air-suspended seat and air-conditioning system provide an even greater degree of comfort. An active carbon filter to protect the driver during crop spraying can be installed instead of the conventional cab filter.

Large windows in the ELIOS 300 cab provide an outstanding all-round view. The unrestricted view afforded by the curved rear windows is particularly useful when working with wide attachments, in livestock stalls and around the farm.

Four powerful work lights illuminate the working area at night or in poorly lit stalls.



You can vary the tilt and height of the adjustable steering column for optimum comfort



The wide passenger seat offers a comfortable ride, while the integrated retractable seat belt provides additional safety



With the DAB+ radio you can listen to your favourite station in superb quality. You can charge your mobile phone or other electronic devices using the two USB ports in the left-hand side console.



The front, rear and side windcreens can be opened for natural ventilation



The main headlights are available in LED versions for extra safety especially during road travel, and also for yard work



As well as the large standard mirror, a wide-angle mirror is available for enhanced road safety



Ergonomic side console.

The key to relaxed and effective working. The side console is the result of extensive analysis of the operating processes in the cab. Frequently used functions are located at the front of the right-hand side console, while those that are used less frequently are positioned towards the back.

- 1 Gear shift lever
- 2 Control of front loader and mechanical or electronic spool valves
- 3 Electronic hand throttle
- 4 Setting and activation of up to two engine speed memories
- 5 Control panel for rear linkage
- 6 Electronic activation of front and rear PTO
- 7 Four-wheel drive and differential lock engagement
- 8 Electronic linkage control adjustment
- 9 25 A socket
- 10 Pre-selection of PTO speed and ground PTO on the left-hand side console

Uncluttered layout.

The control panel for the electronic linkage control system is handily positioned to the driver's right. The rotary switches for fine-tuning the settings are located on the right-hand console below the right-hand C-pillar. This guarantees direct access while work is in progress, and allows the driver to optimise the electronic linkage control setting when looking backwards.

Electronic linkage control settings:

- 11 Position and draught control
- 12 Lowering speed
- 13 Lift height limiter

Everything just where it should be.

The ELIOS 300 control concept is designed so that any driver can operate the tractor efficiently and intuitively right from the start. Key to this is the arrangement of the colour-coded controls and the symbols on them, which help to reduce fatigue and make driving easier.

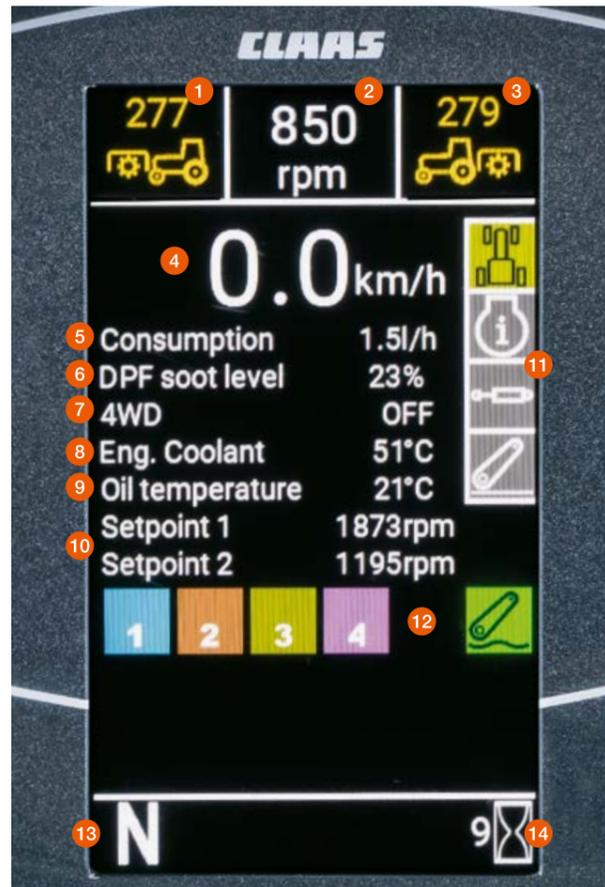


It's the details that make the difference.

All in full view.

No matter how you position the steering wheel, you always have a clear view of the instrument panel. The rev counter, fuel and urea gauge and temperature of the engine coolant are clearly displayed at all times. The 4.2" digital display is in your direct field of view. It shows precise values and gives you an overview of several functions. With 24 available languages, it's easy to navigate through the different menus.

- 1 Front PTO speed
- 2 Engine speed
- 3 Rear PTO speed
- 4 Ground speed
- 5 Consumption per hour
- 6 Degree of particulate filter contamination
- 7 Four-wheel drive status
- 8 Coolant temperature
- 9 Transmission oil temperature
- 10 Settings for engine speed memory 1 and 2
- 11 Navigation menu
- 12 Status of electronic spool valves and rear linkage
- 13 Direction of travel or transmission in neutral
- 14 Work hours



Save yourself some time.

The clear menus and symbols enable you to navigate easily to numerous functions and settings which save you time and enhance safety. It's easy to adjust the settings using the rotary switch on the right-hand side of the instrument panel. Turn the knob to navigate through the menu, press briefly to confirm your selection or press and hold down to return to the previous menu. It couldn't be simpler.

The following settings can be adjusted:

- Engine-speed memory
- Electronic spool valves: response, maximum flow rate, time control
- Rear linkage lift speed
- DPF regeneration



Use the rotary switch beside the steering column to navigate easily through the menu

A pleasant place to work.

The heating and ventilation system has a four-stage fan and several adjustable air jets. Fresh, dust-free air is supplied via the air intake on the left side of the cab. The large filter ensures longer cleaning intervals. A controllable air-conditioning system is also available for even greater comfort.

An active carbon filter can be fitted in place of a standard filter to protect the driver during crop spraying operations. Together with the particularly well-sealed cab and powerful ventilation system, it protects the driver even during intensive work.



The controls for the air conditioning are within easy reach on the right-hand side of the cab roof liner



Ready in an instant.

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 one-piece bonnet opens at the press of a button, providing access to all the engine maintenance points
- The oil can be checked and topped up on the right-hand side of the ELIOS 300 when the bonnet is closed

– All daily maintenance tasks can be carried out without tools

Long oil-change intervals (engine 600 h, transmission and hydraulics 1,200 h) save a great deal of time and money. This means that less valuable working time is lost during the season and the tractor is where it should be – at work.



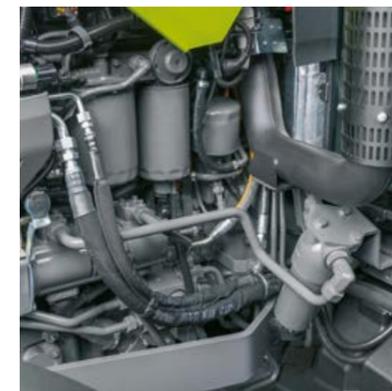
You can slide out radiator and remove the radiator screen in no time for inspection and cleaning



The PowerCore® air filter is located in easy reach under the bonnet at the front and reduces the cleaning interval



The cab air filter is easy to access from outside for cleaning and keeps the air in the cab fresh at all times



The oil filters in the engine are easy to reach even with a front loader bracket



The 105 l diesel tank and the 10 l urea tank provide enough range for long working days



The oil level can be checked and topped up on the right-hand side of the ELIOS 300 when the bonnet is closed



You can check the transmission and hydraulic oil level in a sight glass next to the rear PTO stub



The battery isolating switch is conveniently located on the left access step



The ELIOS 300 incorporates a host of ingenious solutions designed to makes your day-to-day work easier, such as the easily accessible battery terminals at the right hand side of the cab



Developed over many years.

The production facility is not the only factor that determines the success of an outstanding product – it's also about how all the carefully matched components work perfectly together. The Rovigo factory has been developing and manufacturing compact tractors for working in vineyards, orchards and other specialist crops for around 35 years.

High-quality manufacturing.

When it comes to manufacturing the ELIOS, quality that lasts is not our sole priority. Your satisfaction is paramount. Since 2009, more than 10,000 CLAAS tractors have rolled off the assembly line – three generations in all.

Intelligent production processes and seamless quality controls ensure outstanding manufacturing quality. This is how we ensure that you can completely rely on your tractor at every minute of the day.



Discover more about production at the Rovigo factory.



Scan me.

Whatever it takes.
CLAAS Service & Parts.



CLAAS Service & Parts
is there for you 24/7.
service.claas.com

Scan me.



Safeguard your machine's reliability.

Increase your operating reliability, minimise the risk of breakdown and repair. MAXI CARE offers you predictable costs. Create your own individual service package to meet your particular requirements.



Specially matched to your machine.

Precision-manufactured parts, high-quality consumables and useful accessories. Choose our comprehensive product range to be certain of receiving exactly the right solution to ensure 100% operating reliability for your machine.



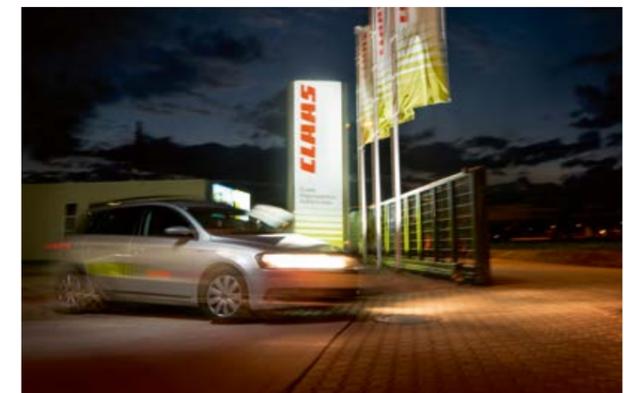
For your business: CLAAS FARM PARTS.

CLAAS FARM PARTS offers one of the most comprehensive ranges of multi-brand parts and accessories for all agricultural applications on your farm.



Global supply.

The CLAAS Parts Logistics Center in Hamm, Germany, stocks almost 200,000 different parts and has a warehouse area of over 183,000 m². This central spare parts warehouse delivers all ORIGINAL parts quickly and reliably all over the world.



Your local CLAAS distributor.

Wherever you are, you can count on us to always provide you with the service and the contact people you need. Your CLAAS partners are on hand in your local area, ready to support you and your machine around the clock. With know-how, experience, commitment and the best technical equipment. Whatever it takes.

Compelling features that get more done.

Comfort and convenience.

- The short shift lever built into the right-hand console is designed for precise operation
- The wide passenger seat offers a comfortable ride
- Integrating the exhaust gas aftertreatment system beneath the flat bonnet leaves an unrestricted view to the front
- The electronic rear linkage has numerous adjustment options to make your job easier, such as the linkage height limiter
- With adjustable flow rate and time control, the electronic spool valves do the thinking for you
- SMART STOP allows you to stop effortlessly without having to depress the clutch pedal
- With E-PILOT S you can operate the front loader with ease and precision

High performance.

- The smooth 4-cylinder engine offers high power reserves in all speed ranges
- With 10 gears in the main operating range between 5 and 15 km/h, the ELIOS always has the power where you need it
- The REVERSHIFT clutchless reverser on the steering wheel makes turning manoeuvres quick and simple
- The TWINSHIFT powershift speed increases the tractive power by 20% at the press of a button
- 40 km/h at just 1,750 rpm saves fuel and reduces the noise level on the road
- The minimum speed of 500 m/h allows you to work efficiently in specialist crops
- The high hydraulic output of 87 l/min handles even demanding implement combinations

Versatility.

- The low centre of gravity guarantees excellent stability even on slopes
- Long wheelbase and excellent weight distribution ensure high flexibility and performance
- The small turning radius of just 3.51 m allows you to move with speed and agility
- The ELIOS 300 and the CLAAS front loader are precisely coordinated to ensure fast and efficient work
- The minimum external width from 1.65 m is perfect for working in vineyards and orchards
- Despite its compact format, the ELIOS has a surprising number of equipment options – making it ideally suited for the challenges of day-to-day work

Reliability.

- Long intervals and good accessibility reduce maintenance costs and downtimes
- MAXI CARE increases your operational reliability and minimises the risk of repairs and breakdowns
- The outstanding manufacturing quality of the ELIOS means you can rely on your tractor every single day
- You CLAAS partner is always on hand to support you and your machine – with expertise, experience, commitment and the best technical equipment

ELIOS		340	330	320
Dimensions and weights				
With oil and fuel but without driver				
Centre of rear axle to top of cab (a)	mm	1922	1922	1922
Overall height (b): with 380/85 R 30 rear tyres	mm	2597	2597	2597
Overall height (b): with 540/65 R 30 rear tyres	mm	2622	2622	2622
Wheelbase (c)	mm	2286	2286	2286
Length (without front ballast, without front linkage) (d)	mm	4041	4041	4041
Ground clearance, front axle (e)	mm	345	345	345
Ground clearance, rear axle (excl. drawbar) (f)	mm	470	470	470
Minimum external width: with 320/85 R 36 rear tyres	mm	1644	1644	1644
Without ballast	kg	3635	3635	3635
Max. permissible gross weight	kg	5200	5200	5200
Max. additional front ballast without front linkage	kg	420	420	420



ELIOS		340	330	320
Engine				
Manufacturer		FPT	FPT	FPT
Number of cylinders		4	4	4
Cubic capacity	cm ³	3600	3600	3600
Common rail injection	bar	1800	1800	1800
Rated output (ECE R 120) ¹	kW/hp	72/98	67/91	61/83
Max. output (ECE R 120) ¹	kW/hp	76/103	68/92	62/85
Rated output type approval value ²	kW	72	67	61
Max. output type approval value ²	kW	76	68	62
Max. torque (ECE R 120) ¹	Nm	406	366	334
Nominal engine speed	rpm	2300	2300	2300
Engine speed at maximum output	rpm	2000	2000	2000
Engine speed at max. torque	rpm	1500	1500	1500
Viscous fan		●	●	●
Max. fuel tank capacity	l	105	105	105
Max. urea tank capacity	l	10	10	10
Oil-change interval	h	600	600	600
Transmission				
Number of gears		5	5	5
Number of ranges		3	3	3
30 F / 15 R with REVERSHIFT electronic reverser and TWINSHIFT two-stage powershift		●	●	●
Min. speed at 2200 rpm	km/h	0.5	0.5	0.5
Max. speed	km/h	40	40	40
Engine speed at maximum speed	rpm	1750	1750	1750
Rear axle				
Electrohydraulically activated differential locks		●	●	●
Max. rear tyres		540/65 R 30	540/65 R 30	540/65 R 30
Oil-change interval	h	1200	1200	1200
Road safety				
Braking system (multiple discs in oil bath and automatic 4WD activation)		●	●	●
Hydraulic trailer braking system		○	○	○
PTO				
Electrohydraulic coupling		●	●	●
540 / 540 ECO		○	○	○
540 / 1000		●	●	●
Ground PTO		○	○	○
1 3/8" PTO stub, 6 splines		●	●	●

¹ Meets ISO TR 14396

² Performance data fit criteria for admissibility

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

ELIOS		340	330	320
Four-wheel drive front axle				
Electronic activation		●	●	●
Speed-dependent automatic 4-wheel drive		●	●	●
Self-locking differential		●	●	●
Optimum turning radius	m	3,51	3,51	3,51
Pivoting mudguards		○	○	○
Hydraulics				
Hydraulic pump for steering and transmission		●	●	●
Hydraulic output	l/min	27	27	27
2-pump hydraulic circuit		●	●	●
Hydraulic output to rear linkage and spool valves	l/min	60	60	60
3-pump hydraulic circuit		○	○	○
Hydraulic output to rear linkage	l/min	27	27	27
Hydraulic output to spool valves	l/min	60	60	60
Max. operating pressure	bar	190	190	190
Number of mechanical spool valves (min. / max.)		2-3	2-3	2-3
Flow control on electronic spool valves		○	○	○
4 electronic spool valves, 2 controlled by ELECTROPILOT (only with 3-pump hydraulic circuit)		○	○	○
Flow control on one of the mechanical spool valves		●	●	●
Free-flow return		●	●	●
Rear linkage				
Max. lifting capacity at ball ends	kg	3240	3240	3240
Continuous lift capacity at 610 mm	kg	2330	2330	2330
Electronic operation with vibration damping		●	●	●
External controls		●	●	●
Front linkage				
Max. lifting power	kg	3230	3230	3230
Front PTO 1000		○	○	○
Front PTO 540 ECO		○	○	○
Vibration damping		●	●	●
Cat II lower link hooks		●	●	●
Cab				
Driver's seat, air suspension		●	●	●
Passenger seat		○	○	○
Steering column, tilting and telescopic height adjustment		●	●	●
Heating		●	●	●
Air conditioning		○	○	○
Opening front windscreen		○	○	○
Opening side windows		●	●	●
Opening rear window		●	●	●
Rear window wiper		○	○	○
Max. number of work lights, front/rear		2 / 2	2 / 2	2 / 2
25 amp socket		●	●	●

● standard ○ optional □ available – not available



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