



Tractors

ATOS

350 340 330

240 230 220



The ATOS. The new addition to the family.

They say you can't choose your family.

Now you can! Its output – precisely tailored to your requirements.

Its operating system – straight down the line, without gimmicks.

Its driving experience – a real CLAAS.

It fits into our family – and yours.

The new ATOS.



atos.claas.com



ATOS 350–220.





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As versatile as you.
Tractors up to 140 hp.



An impressive range.

Over the last two years CLAAS has completely updated its range in this segment. Four model ranges now offer an extensive choice, with just the right specifications to meet your individual requirements: from simple technology for everyday work right through to automatic functions for intensive use.

The ELIOS, AXOS, ATOS and ARION 400 tractors offer an impressive selection of practical, well-engineered equipment options to make your life easier. Discover the whole range on our website at claas.com.



ATOS 300 / 200. Good reasons.



There are many good reasons why you should choose the ATOS. With its versatile equipment options, you can choose a configuration which perfectly fits your requirements.

The technology at a glance:

Engine.

- Farmotion engine
- Meets emission standard Stage IIIB (Tier 4i)
- 4-cylinder / 3.8 l cubic capacity (ATOS 300 models)
- 3-cylinder / 2.9 l cubic capacity (ATOS 200 models)
- Maximum output of 76 to 109 hp (ECE R 120)
- Common-rail injection
- Turbocharger and intercooler
- Viscous fan
- Engine speed memory

Transmission.

- Large choice of transmissions
- Basic version: two ranges, five gears, mechanical reversing function
- REVERSHIFT (electronic clutchless reverser)
- TWINSHIFT (two powershift speeds):
- TRISHIFT (three powershift speeds):
- 40 km/h ECO (maximum speed at reduced engine speed)
- De-clutch button on the gear-shift lever
- Stop without using the clutch, with SMART STOP (only with REVERSHIFT)

PTO.

- Three rear PTO variants:
 - 540 rpm
 - 540 and 540 ECO rpm
 - 540/540 ECO, 1,000 and 1,000 ECO rpm
- Ground speed PTO as an option
- Front PTO (1,000 rpm) also available



Hydraulics.

- Two hydraulic output options are available:
 - 55 l/min
 - 60 l/min at 1,600 rpm (ECO version)
- Open centre circuit
- Up to four spool valves available:
 - Three mechanical spool valves
 - Additional electronic spool valve

Rear linkage.

- Powerful additional rams for high lift capacities
- 4.8 t lift capacity in the ATOS 300
- 3.6 t lift capacity in the ATOS 200
- Category II hooks or ball ends
- Hydraulic top link available
- Hydraulically adjustable lift rod
- Robust, ergonomic controls

Front linkage.

- Fully integrated construction
- 1.9 t lift capacity
- Folding lower links
- Cat. II lower link hooks
- Robust top link attachment system

Cab.

- 4-pillar cab
- Wide-opening door for easy access
- Generously sized windows
- Opening front and rear windows
- FOPS (Falling Object Protective Structure) transparent sunroof

Comfort.

- Wide range of driver's seat options available
- Air conditioning
- Active carbon filter for crop spraying
- Steering column tilts and has telescopic height adjustment
- Ergonomic control concept
- Dynamic steering in the ATOS 350

CPS – CLAAS POWER SYSTEMS.

Optimised drive for outstanding results.

CLAAS constantly strives to maximise efficiency, improve reliability and optimise cost-effectiveness. CLAAS POWER SYSTEMS (CPS) bring together top-quality components to create a drive system that sets new standards – and always delivers maximum power when it is needed. CPS is ideally matched to the working system, featuring fuel-saving technology that quickly pays for itself.



CPS | CLAAS
POWER
SYSTEMS



Strong performers.

Two engines. Six models.

The ATOS 300 model range has a 4-cylinder Farmotion engine with 3.8 l cubic capacity while the ATOS 200 range has a 3-cylinder Farmotion engine with 2.9 l cubic capacity. Incorporating cutting-edge technology, they both deliver impressive amounts of power with excellent fuel economy. Overlapping output values enable you to choose exactly the right engine to meet your needs:

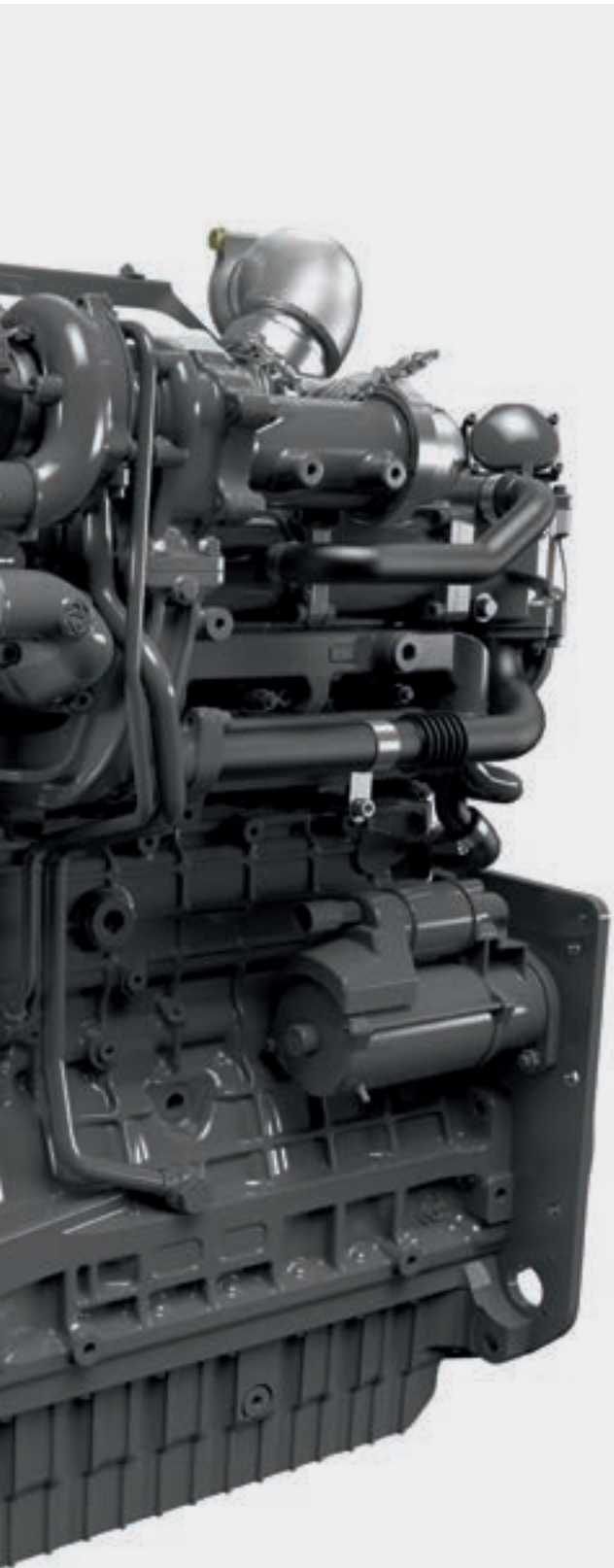
The 4-cylinder engine gives the ATOS 300 a longer wheelbase for greater stability during transport operations and power reserves for heavy draught and PTO work.

The 3-cylinder engine makes the ATOS 200 lighter and more compact. Its smooth running and low fuel consumption during partial-load operation are particularly impressive.

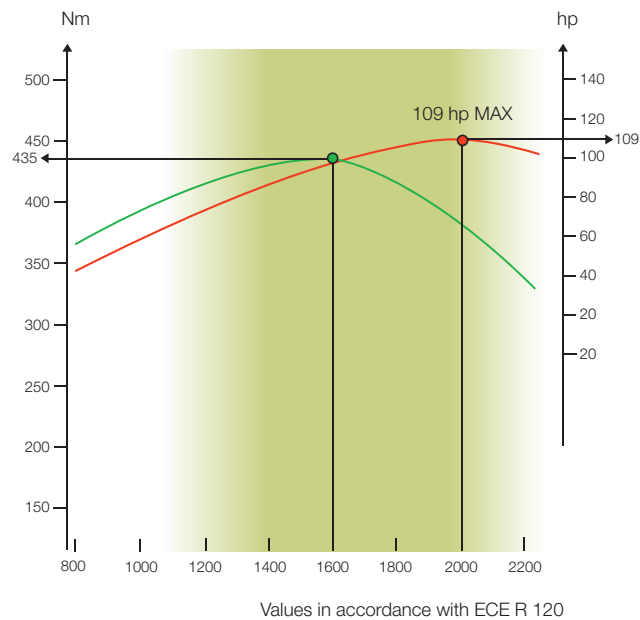
- Compact dimensions
- 2,000 bar high-pressure common-rail injection
- Wastegate turbocharger
- Intercooler
- Meets emission standard Stage IIIB (Tier 4i)
- Emission control by diesel oxidation catalytic converter (DOC) and externally cooled exhaust gas recirculation (EGR)
- Viscous fan

	Rated output (hp)	Maximum output (hp)	Maximum torque (Nm)
ATOS	ECE R 120	ECE R 120	ECE R 120
350	103	109	435
340	97	102	405
330	84	88	354
240	92	97	371
230	84	88	354
220	76	76	341

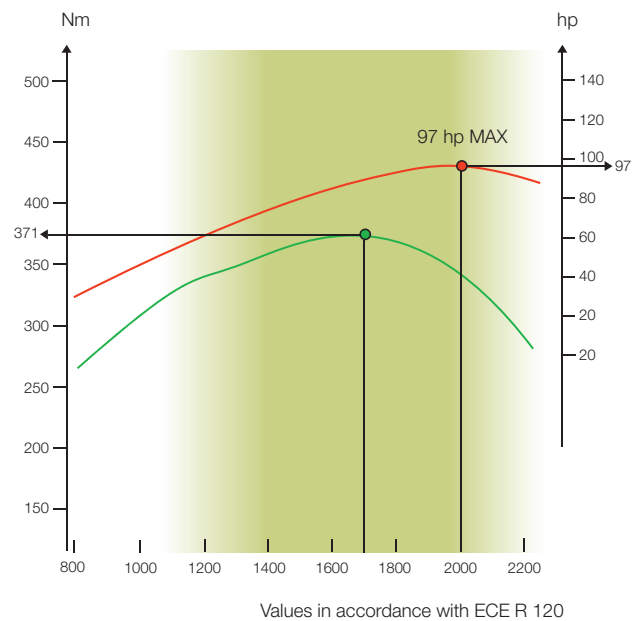
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POWER
SYSTEMS



ATOS 350



ATOS 240



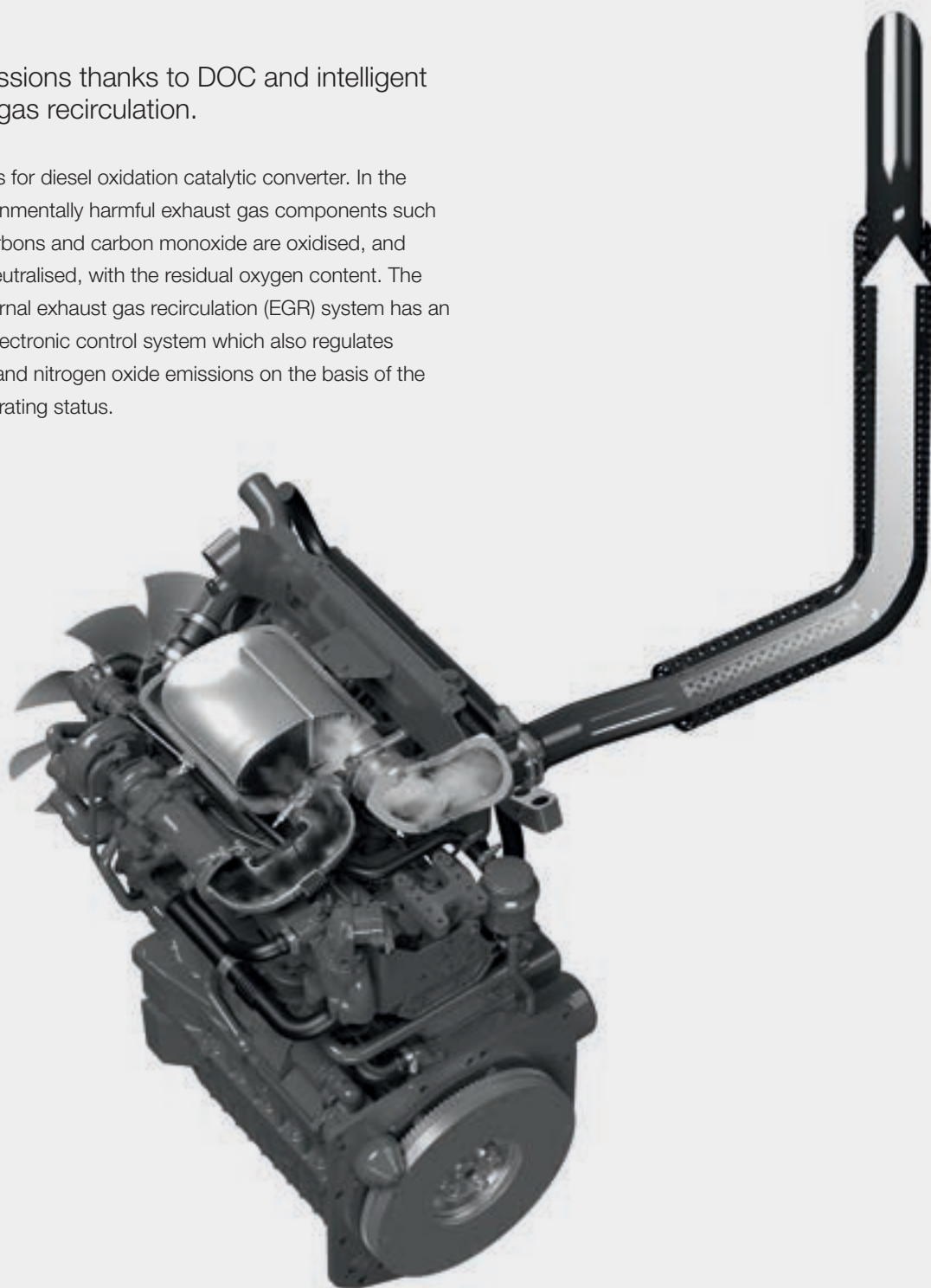
Cleaning up.

Stage IIIB (Tier 4i).

The ATOS complies with the Stage IIIB emissions standard. The introduction of this standard means a significant reduction in pollutant emissions.

Low emissions thanks to DOC and intelligent exhaust gas recirculation.

DOC stands for diesel oxidation catalytic converter. In the DOC environmentally harmful exhaust gas components such as hydrocarbons and carbon monoxide are oxidised, and therefore neutralised, with the residual oxygen content. The cooled external exhaust gas recirculation (EGR) system has an intelligent electronic control system which also regulates particulate and nitrogen oxide emissions on the basis of the current operating status.





Fully integrated DOC.

All the components of the exhaust gas aftertreatment system are housed under the bonnet, leaving a clear view from the cab.

Clean and efficient.

The ATOS complies with the Stage IIIB (Tier 4i) emissions standard without using urea. The diesel tank is conveniently located by the cab access steps and has a maximum capacity of 150 l in the ATOS 300 and 130 l in the ATOS 200.



Always in the right gear.



The transmission options.

The ATOS is available with three different transmission options, enabling you to configure it to meet your individual requirements.

Mechanical transmission

- Without powershift speeds
- Five gears
- Two ranges for 10 forward and 10 reverse gears
- Maximum speed 40 km/h

TWINSHIFT transmission

- Two powershift speeds
- Five gears
- Two ranges for 20 forward and 20 reverse gears
- Maximum speed 40 km/h ECO

TRISHIFT transmission¹

- Three powershift speeds
- Five gears
- Two ranges for 30 forward and 30 reverse gears
- REVERSHIFT clutchless reverser as standard
- Maximum speed 40 km/h ECO

Three transmission options enable you to customise the ATOS to ensure that it meets your needs perfectly. The reverser for mechanical reversing and the electronic REVERSHIFT are handily positioned to the left of the steering wheel. Two additional creep ranges are available for special applications, allowing minimum speeds from 326 m/h at nominal engine speed.

With the REVERSHIFT clutchless reverser, which is part of the standard specification with the TRISHIFT, you can almost forget the clutch pedal: SMART STOP allows convenient manoeuvring with the service brake. The clutch button on the shift lever is extremely useful, especially during transport work. REVERSHIFT also enables you to change direction quickly and smoothly – particularly important when working with a front loader.

In the ECO version the TWINSHIFT and TRISHIFT transmissions reach the top speed of 40 km/h at a lower engine speed. This has a positive effect on fuel consumption during transport operations.

¹ Only available with ATOS 350.



All ranges and gears are activated via two shift levers. A clutch button on the gear-shift lever can be used as an alternative to the foot clutch.



With the REVERSHIFT clutchless reverser, the reversing progressivity is adjusted on the REVERSHIFT lever.

CLAAS tractor concept
for greater flexibility.



The CLAAS tractor concept.

The CLAAS tractor concept offers significant benefits which give you a clear competitive edge. The combination of a long wheelbase and optimum weight distribution with a compact overall length provides a high degree of versatility while maintaining distinct performance advantages.

Long wheelbase and excellent weight distribution:

- High driving comfort
- Good and safe road handling
- More pulling power and performance as less ballast is required
- Greater stability for a higher lifting capacity
- Optimised fuel consumption
- Low ballast requirement protects the soil and guarantees dynamic road transport

Short overall length:

- Good manoeuvrability
- Short trailer combination on the road
- Good visibility
- Good guidance of front-mounted implements

Up to 38 inch tyres.

The ATOS can be fitted with rear tyres from 28" to 38" in diameter. Thanks to the wide range of tyre options, the ATOS is capable of any type of work.

Safe braking system.

The brakes handle the low tare weight and high permissible gross weight with ease, guaranteeing maximum safety and stability.



Lifts anything you like.



To the right of the driver's seat there is another switch which enables you to operate the rear linkage when attaching implements.



Both rear mudguards have rear linkage buttons for raising and lowering the rear linkage.



A ground speed PTO is available for trailed implements with a drive axle. It is separate and mounted underneath the rear PTO.



All PTO speeds are easily pre-selected using the controls to the left of the driver's seat.



Up to 4.8 tonnes lifting capacity.

The ATOS 300 features an impressive maximum lifting capacity of 4.8 t, while the ATOS 200 achieves a convincing 3.6 t. You can choose a mechanical or an electronic rear linkage control system.

- Hooks or ball ends can be ordered (cat. II)
- Two powerful additional rams increase the lifting capacity
- Hydraulic top link available
- Hydraulically adjustable lift rod

The PTO speeds.

Three PTO options are available with the ATOS – so you're bound to find the right one for you:

- 540 rpm
- 540 and 540 ECO rpm
- 540/540 ECO, 1,000 and 1,000 ECO rpm



The ECO PTO reaches the required speed at a lower engine speed. This reduces fuel consumption and noise levels.

Automatic PTO engagement/disengagement improves ease of operation when working with PTO-driven implements. A separate ground speed PTO for use with trailers is also available as an option.

Intuitive control concept.



- | | |
|-------------------------|----------------------|
| 1 Working position dial | 5 Lower rear linkage |
| 2 Draught control | 6 Raise rear linkage |
| 3 Lowering speed | 7 Stop rear linkage |
| 4 Lift height limiter | |

Highly versatile.

Fully integrated front linkage.

The ATOS has an option to be supplied with a fully integrated, factory-fitted front linkage with a lifting capacity of 1.9 t. Front weights for optimum ballasting can be installed and removed quickly while the tractor is in use.

Folding lower links.

The lower links fold in to reduce the vehicle length, giving the driver a better overview of the vehicle.

Powerful front PTO.

The front PTO runs at 1,000 rpm and opens up a wide range of potential applications.

The front PTO stub is protected by a robust housing and allows PTO-driven implements to be used safely in front of the tractor.





PTO engagement/disengagement

The front and rear PTO can be engaged and disengaged electronically using the switch which is conveniently located on the right-hand control panel.

- 1 Electronic PTO engagement, front
- 2 Electronic PTO engagement, rear



Ready for anything. CLAAS front loaders.



No compromises. Even in front loader work.

For front loaders, in particular, the connection to the tractor is extremely important in order to guarantee safe, fast loading operations. When developing the ATOS model range, it was therefore very important for the attachment brackets to be fully integrated into the complete tractor concept. The brackets are positioned a long way back, providing stability during heavy work. The design of the attachment bracket means that a CLAAS front loader can easily be retrofitted at a later date.

- Robust front loader brackets for CLAAS front loaders are available ex factory
- All front loader bracket components are neatly integrated
- Rugged, tried-and-tested attachment system





The control system.

The control units are included when you order a front loader bracket ex factory. Two options are available:

- PROPILOT (mechanical operation)
- FLEXPILOT (hydraulically pilot-controlled operation)

ATOS	FL 100 / FL 100 C	FL 80 / FL 80 C	FL 60 / FL 60 C
350	□	□	–
340	□	□	–
330	□	□	–
240	–	□	□
230	–	□	□
220	–	□	□
Lifting height	4.00 m	3.85 m	3.75 m

□ Available – Not available

The control unit on the 4-way control lever is identical in both versions.

- Factory fitting guarantees a long service life and excellent reliability
- Ergonomically integrated control unit
- The 60 l/min ECO hydraulic system minimises fuel consumption and is highly responsive during front loader work
- REVERSHIFT is ideal for front loader work involving frequent changes in direction
- Superb visibility with the transparent sunroof



Thanks to the SHOCK ELIMINATOR vibration damping system in CLAAS front loaders, you can work in comfort even in the field.

The CLAAS front loader makes the ATOS extremely versatile in the field and around the yard.

Keep up the pressure – the hydraulics.



Outstanding hydraulic performance.

The hydraulic pump has an output of 55 l/min. What's more, the ECO version achieves a hydraulic performance of 60 l/min at a reduced engine speed of 1,600 rpm, which reduces fuel consumption.

Colour-coded connections.

The spool valves at the rear of the ATOS (up to four) are easy to connect. The coloured markings on the inlet and outlet sides make it easier to attach implements correctly.

Hydraulic steering.

The steering has a dedicated, independent hydraulic pump. This ensures that the tractor is easy to handle, even when using implements with a high hydraulic power requirement.



Under control.

Four spool valves are available in total:

- Three mechanical spool valves
- Additional electronic spool valve (max. 25 l/min)
- Levers are easy to reach



Built with you in mind. The cab.

The ATOS has a generously proportioned cab which meets exacting requirements for a comfortable workplace. The door swings wide open for convenient access. All the main controls are instantly recognisable. And large glass windows provide an outstanding all-round view from the cab.





More than a workplace. The cab.

Everything comfortably in view.

The four-pillar cab provides an excellent all-round view of the work area. It also offers high levels of convenience for the driver, who can work in comfort throughout long working days.

The doors swing wide open, allowing easy access.



The rear window opens to three different positions.



Rear window open a crack



Rear window half open



Rear window fully open



The windscreen opens wide for natural ventilation in the cab.



The perfect driver's seat.

The ATOS comes with a range of driver's seats with a choice of mechanical and pneumatic suspension. Automatic height adjustment is available with the pneumatic suspension option. You can also choose between two seat widths.



The steering wheel swivels and has telescopic height adjustment so that it can be perfectly adjusted for any driver.



Thanks to the transparent sunroof the driver always has a good view of the front loader, and can work safely and accurately at all times.

A place for everything.



Comfortable to operate.

The controls for the air-conditioning system and rear windscreen wiper are positioned at top right in the cab roof where they are easy to reach. The fan can be adjusted continuously to suit the conditions at the time.





- 1 Front PTO on / off
- 2 Rear PTO on / off
- 3 Automatic PTO engagement / disengagement
- 4 Stop rear linkage
- 5 Raise / lower rear linkage
- 6 Rear linkage control panel
- 7 Hand throttle
- 8 Engine speed memory
- 9 Differential lock
- 10 Four-wheel drive
- 11 ECO hydraulics switch
- 12 Mechanical spool valves
- 13 Electronic spool valve

The control levers to the right of the driver's seat are positioned at a convenient height and are easy to reach.



Within easy reach.



Additional control panel.

The ATOS cab has another control panel to the left of the driver's seat.

The controls here are also easy to reach and operate the following functions:

- 1 Pre-select PTO speed (540/1,000)
- 2 Activate ECO for PTO speeds
- 3 Engage ground speed PTO
- 4 Parking brake (mechanical or hydraulic, as shown here)



Flexible display.

The clear display in the instrument panel is mounted directly on the steering column. Thanks to the 3-spoke steering wheel, the driver can view all the key information, instructions and warnings at a glance.



Ergonomic controls.

- 1 REVERSHIFT lever
- 2 Indicators incl. windscreen wiper controls, main beam and horn
- 3 Flashing hazard warning lights
- 4 Road and work lights



The control panel for a radio system, the warning beacon switch and two switches for work lights are positioned at top left in the cab roof.

Make yourself at home.





SMART STOP – stopping made simple.

Thanks to the SMART STOP function, the ATOS remains stationary when the brake pedal is pressed without needing to use the clutch pedal. This helps the driver considerably, particularly during work around the farm or in the field, e.g. making round bales.

SMART STOP is very easily activated by pressing a button on the instrument panel.



Dynamic steering.

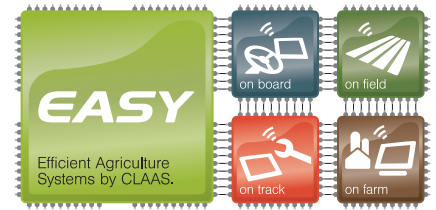
When dynamic steering is activated on the instrument panel at the front, the number of turns of the steering wheel needed to reach maximum wheel lock is significantly reduced.

This greatly improves ease of operation during front loader work or on the headland. Dynamic steering is available with the ATOS 350.



EASY. Simply get more done.





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

Always on the right track. CLAAS steering systems.



The easy way to start.

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)





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

Accurate steering.

The S7 basic terminal has all the latest technology and is the right choice if you just want to use your terminal to control a parallel guidance or automatic steering system. With its high-resolution 7" touchscreen, the S7 performs all the functions provided by its predecessor, the S3.

GPS PILOT.

In addition to hydraulic steering, the GPS PILOT can also be used with the GPS PILOT FLEX automatic steering wheel. This steering wheel enables you to achieve a high degree of accuracy. The great advantage of the GPS PILOT FLEX is its versatility. The steering wheel is easily transferred between machines which are only used on a seasonal basis such as combine harvesters and forage harvesters, then the GPS PILOT FLEX can 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.



Simple. Safe. Reliable. CLAAS service and maintenance.

The ATOS never lets you down.

Maintenance, spare parts, service: the CLAAS team does everything it can to reduce downtime with your ATOS to an absolute minimum. We have developed clever solutions for effective maintenance – and 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 keys to success.





Maintenance must be as simple as possible.



Quick maintenance.

Daily maintenance should be as straightforward as possible, saving you inconvenience and downtime.

- The one-piece bonnet opens at the press of a button, providing access to all the engine maintenance points
- The oil can be checked on the right-hand side of the ATOS when the bonnet is closed
- All daily maintenance tasks can be carried out without tools



Fresh air for full power.

The large intake panels in the bonnet provide plenty of fresh air for cooling and for the engine air filter. The radiator assembly is easy to clean.

The air filter is in an accessible location in front of the radiator panels and is therefore easy to remove. It is generously dimensioned and designed for a long service life. A pre-cleaner for coarse dirt particles in the filter housing further extends the cleaning interval.



The cab air filter is outside the cab and easily removed for maintenance.



The toolbox by the cab access steps on the right-hand side is a standard feature.



The fuses are centrally located in the cab.



Very close.
CLAAS Service.



Round-the-clock assistance.

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.



The international CLAAS spare parts warehouse holds 135,000 different parts and has a storage area of 40,000 m².

We speak the same language.

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.

We're there where you need us.

Every minute counts at harvest time. Downtime costs real money and must be avoided wherever possible. Our central spare parts warehouse in Hamm (Germany) delivers all CLAAS ORIGINAL parts quickly and reliably all over the world. With an extensive network of CLAAS dealers worldwide, we can guarantee that they will reach their destination as quickly as possible – wherever you happen to be. The CLAAS spare parts team is on hand 365 days a year, 7 days a week, 24 hours a day to ensure that your machine is up and running again in the shortest possible time.

For peace of mind.

CLAAS service products.

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

The new addition to the family.
The ATOS 300 / 200.





The ATOS.

Outstanding features.



CPS.

- Modern Farmotion engine
- Three 3-cylinder and three 4-cylinder models
- Common-rail injection
- Turbocharger and intercooler
- Viscous fan
- Engine speed memory
- Large choice of transmissions
- REVERSHIFT
- TWINSHIFT or TRISHIFT powershift for 40 km/h ECO at reduced engine speed

Comfort.

- 4-pillar cab for a perfect all-round view
- Generously sized windows, including transparent sunroof
- Opening front and rear windows
- Easy access
- Wide choice of driver's seats
- Steering column tilts and has telescopic height adjustment
- Air conditioning
- Active carbon filter for crop spraying
- SMART STOP
- Dynamic steering

EASY.

- GPS COPILOT makes it easy to get started
- GPS PILOT FLEX for flexibility
- S7 terminal with high-resolution 7" touchscreen

ATOS		350	340	330	240	230	220
Engine							
Type		Farmotion	Farmotion	Farmotion	Farmotion	Farmotion	Farmotion
Number of cylinders		4	4	4	3	3	3
Cubic capacity	cm³	3849	3849	3849	2887	2887	2887
Common-rail injection (2000 bar)		●	●	●	●	●	●
Exhaust gas aftertreatment with DOC and EGR		●	●	●	●	●	●
Nominal engine speed	rpm	2200	2200	2200	2200	2200	2200
Output at nominal engine speed (ECE R 120) ¹	kW/hp	76/103	72/97	62/84	67/92	62/84	56/76
Type approval value (97/68/EC) ²	kW/hp	76/103	72/97	62/84	67/92	62/84	55/76
Max. output (ECE R 120) ¹	kW/hp	80/109	75/102	65/88	71/97	65/88	56/76
Constant output range	rpm	1700–2200	1700–2200	1700–2200	1800–2200	1700–2200	1700–2200
Engine speed at max. torque	rpm	1600	1600	1600	1600	1600	1500
Max. torque (ECE R 120) ¹	Nm	435	405	354	371	354	341
Viscous fan		●	●	●	●	●	●
Max. fuel tank capacity	l	150	150	150	130	130	130
Oil-change interval	h	600	600	600	600	600	600
Transmission							
Four-wheel drive		●	●	●	●	●	●
Oil-change interval	h	1200	1200	1200	1200	1200	1200
5-gear transmission with 2 ranges							
10 F / 10 R without gear splitting, max. speed 40 km/h		□	□	□	□	□	□
20 F / 20 R with TWINSHIFT (two-stage powershift), max. speed 40 km/h ECO		□	□	□	□	□	□
30 F / 30 R with TRISHIFT (three-stage powershift) and REVERSHIFT, max. speed 40 km/h ECO		□	–	–	–	–	–
REVERSHIFT clutchless reverser / mechanical reverser		□ / □ ³	□ / □	□ / □	□ / □	□ / □	□ / □
Creep ranges (2 additional ranges, double the number of gears)		○	○	○	○	○	○
Min. speed at 2200 rpm with creep gear	m/h	418 (344 with TRISHIFT)	326	326	348	348	348
Min. speed at 2200 rpm without creep gear	km/h	3.1	3.1	3.1	3.1	3.1	3.1
Rear axle							
Electrohydraulically connected differential lock at rear (dog clutch)		●	●	●	●	●	●
Distance between wheel flange faces	mm	1740	1740	1740	1640	1640	1640
Max. rear tyres		540/65 R 38	600/65 R 34	600/65 R 34	540/65 R 34	540/65 R 34	540/65 R 30
Road safety							
Braking system (multiple discs in oil bath)		●	●	●	●	●	●
Braked front axle		○	○	○	○	○	○
Hydraulic trailer brakes		○	○	○	○	○	○
Pneumatic trailer brakes		○	○	○	○	○	○
PTO							
540		●	●	●	●	●	●
540/540 ECO		○	○	○	○	○	○
540/540 ECO and 1000/1000 ECO		○	○	○	○	○	○
Ground speed PTO		○	○	○	○	○	○
Automatic PTO engagement/disengagement		○	○	○	○	○	○
1½" PTO stub, 6 splines		●	●	●	●	●	●

- 1

Meets ISO TR 14396
- 2

Performance data fit criteria for admissibility. Performance as per 97/68/EC is identical to 2000/25/EC.
- 3

Not available with TRISHIFT transmission

● Standard ○ Optional □ Available – Not available

ATOS		350	340	330	240	230	220
4-wheel drive front axle							
Electronic activation		●	●	●	●	●	●
Max. steering angle	degrees	50	50	50	50	50	50
Castor angle	degrees	7	7	7	7	7	7
Angle of oscillation	degrees	10	10	10	10	10	10
Turning radius	m	4.2	4.2	4.2	4.2	4.2	3.7
Track	mm	1806	1806	1806	1665	1665	1622
with tyres		360/70 R 28	360/70 R 28	360/70 R 28	360/70 R 24	360/70 R 24	360/70 R 24
Distance between wheel flange faces	mm	1770	1770	1770	1610	1610	1610
Pivoting mudguards		●	●	●	●	●	●
Hydraulics							
Open hydraulic circuit, 55 l/min	l/min	●	●	●	●	●	●
Output at nominal engine speed		55	55	55	55	55	55
Open hydraulic circuit, 60 l/min ECO		○	○	○	○	○	○
Output at nominal engine speed		55	55	55	55	55	55
Output at 1600 rpm		60	60	60	60	60	60
Max. operating pressure	bar	190	190	190	190	190	190
Number of mechanical spool valves (min.–max.)		1–3	1–3	1–3	1–3	1–3	1–3
Electronic spool valve (max. 25 l/min)		○	○	○	○	○	○
Flow control at the mechanical spool valves		○	○	○	○	○	○
Free flow return line		●	●	●	●	●	●
Rear linkage							
Lower and upper links with category II coupling hook		○	○	○	○	○	○
Lower and upper links with category II ball end		●	●	●	●	●	●
Lower and upper links with category II ball end (adjustable lower link ball ends)		○	○	○	–	–	–
Hydraulic adjustment of right-hand lift rod		○	○	○	○	○	○
Max. lifting capacity at ball ends	kg	3600	3600	3600	3600	3600	3600
Max. lifting capacity at ball ends with additional lift rams	kg	5500	4900	4900	4600	4600	4600
Lifting range	mm	772	772	772	720	720	720
Mechanical operation		●	●	●	●	●	●
Electronic operation		○	○	○	○	○	○
External controls		●	●	●	●	●	●
Front linkage							
Max. lifting power	kg	1900	1900	1900	1900	1900	1900
Vibration damping		○	○	○	○	○	○
Cat. II lower link hook		●	●	●	●	●	●
Front PTO 1000 rpm		○	○	○	○	○	○
Cab							
FOPS transparent sunroof		○	○	○	○	○	○
Driver's seat, mechanical suspension		●	●	●	●	●	●
Driver's seat, mechanical suspension, wide		○	○	○	○	○	○
Driver's seat, air suspension, wide		○	○	○	○	○	○
Driver's seat, air suspension, wide, with automatic height adjustment		○	○	○	○	○	○
Steering column, tilting with telescopic height adjustment		○	○	○	○	○	○
Heating		●	●	●	●	●	●
Air conditioning		○	○	○	○	○	○
Passenger seat		○	○	○	○	○	○
Opening front windscreen		○	○	○	○	○	○
Rear window wipers		○	○	○	○	○	○
Max. number of work lights, front/rear		4/4	4/4	4/4	4/4	4/4	4/4
25 amp socket		○	○	○	○	○	○

● Standard ○ Optional □ Available – Not available

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.

ATOS		350	340	330	240	230	220
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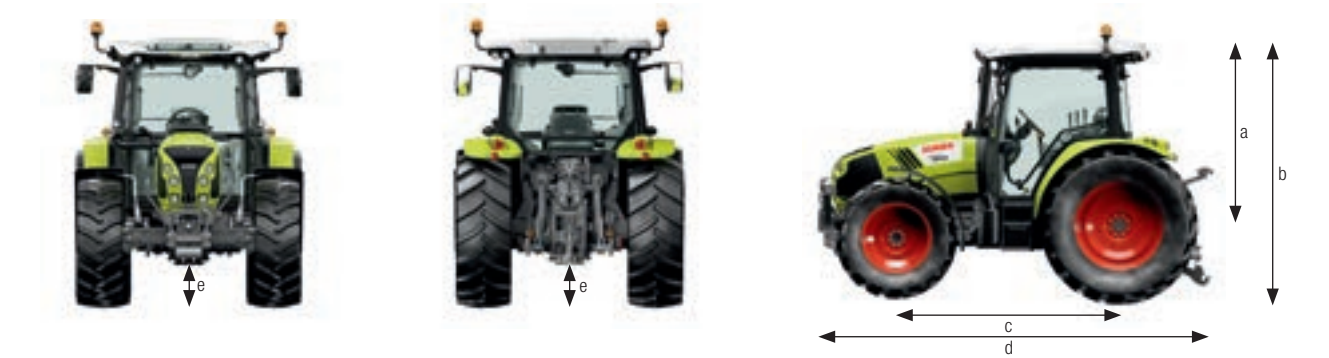
Dimensions and weights

Four-wheel drive version with oil and fuel, without driver

With tyres	Inch	34	34	34	30	30	30
Length (without front ballast, without front linkage) (d)	mm	4230	4230	4230	4000	4000	4000
Minimum external width	mm	1989	1989	1989	1980	1980	1965
Centre of rear axle to top of cab (a)	mm	1984	1984	1984	1954	1954	1926
Overall height (b)	mm	2710	2710	2710	2580	2580	2580
Wheelbase (c)	mm	2400	2400	2400	2300	2300	2300
Ground clearance (e)	mm	470	470	470	445	445	445
Weight	kg	4500	4000	4000	3300	3300	3300
Max. permissible gross weight	kg	7500	7000	7000	6200	6200	5500

ATOS		350	340	330	240	230	220
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Rear tyres	Front tyres						
420/70 R 30	360/70 R 24	–	–	–	□	□	□
420/85 R 30	280/85 R 24	–	–	–	□	□	–
480/70 R 30	360/70 R 24	–	–	–	□	□	–
420/85 R 34	320/85 R 24	–	□	□	–	–	–
420/85 R 34	380/85 R 24	□	□	□	□	□	–
460/85 R 34	420/85 R 24	□	□	□	–	–	–
460/85 R 34	340/85 R 28	□	□	□	–	–	–
480/70 R 30	320/70 R 24	–	–	–	□	□	□
480/70 R 34	420/70 R 24	□	□	□	□	□	–
520/70 R 34	480/70 R 24	□	□	□	–	–	–
540/65 R 28	420/65 R 20	–	–	–	□	□	□
540/65 R 30	380/70 R 20	–	–	–	□	□	□
540/65 R 34	480/65 R 24	□	□	□	□	□	–
600/65 R 34	540/65 R 24	□	–	–	–	–	–
340/85 R 36	320/85 R 24	□	□	□	–	–	–
340/85 R 38	280/85 R 28	□	□	□	□	□	–
420/85 R 38	340/85 R 28	□	–	–	–	–	–
480/70 R 38	380/70 R 28	□	–	–	–	–	–
540/65 R 38	440/65 R 28	□	–	–	–	–	–





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