

AXOS  
340 330 320 310

**CLAAS**

A true friend.



It's just what we want.





A true friend is there for you when you really need one. He joins in with the work, and does not ask too many questions. The whole family has trust in his strengths as he becomes an indispensable companion and support. Everyone agrees: Things do not work without him.

A true friend is reliable and uncomplicated. Everyone finds it easy to get on with him. He joins in everything: with agility, flexibility, stamina and patience. He is full of energy and ready for action. Every day.

The AXOS from CLAAS.

A new addition to our family.





The smaller a tractor is, the more flexible it has to be. Particularly in power ranges of up to 100 hp, a farmer requires a compact machine which can handle all the work encountered on the farm.

In this regard, we have built a tractor which has benefited in its development from all the expertise and experience our company has to offer. We know what is required on farms, have listened to farmers and drivers and converted their demands into meaningful solutions. You too will be inspired by the result.

Happy to work  
together.





## Versatile around the farm.

You will be using the AXOS every day. With its compact dimensions, it provides enormous flexibility for a wide variety of tasks. It demonstrates its strengths especially when used in conjunction with a front loader.

## Powerful when working in the field.

## Comfortable when driven on the road.

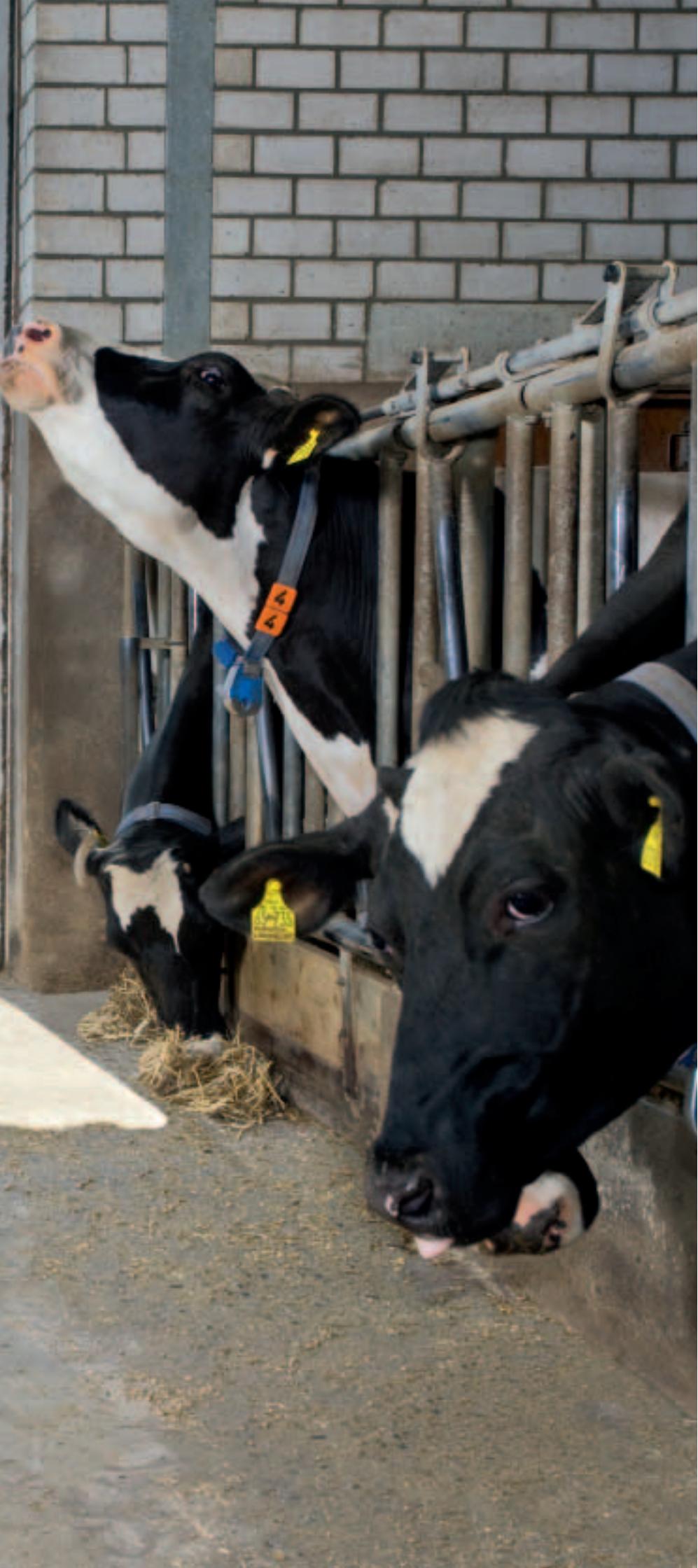
Take advantage of its strengths: Ideal weight distribution and particularly long wheelbase. This combination creates enormous pulling and lifting power and what's more, ensures a high level of driving comfort on the road.

## Individual straight from the factory.

Have your AXOS made to measure, to suit your particular requirements. Based on the three models, C, CL and CX, CLAAS can offer you a wide variety of equipment variants.

Making life easier.





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# Versatile around the farm.



More stability and longer service life:  
fully integrated front loader mounting brackets

Extremely flexible and agile:  
short overall length and small turning circle

For more comfort and a high level of efficiency:  
REVERSHIFT clutchless reverser

Easy entry and exits:  
with forward opening doors that can be locked open

Outstanding view of the front loader:  
the glass sunroof

For night time working:  
up to eight work lights

Flexible in confined areas:  
the low profile version

All comfortably under control:  
simple ergonomic layout

Powerful at work:  
hydraulic pump with a  
capacity of 60 l/min

For optimum efficiency:  
three PTO shaft speeds  
540, 540 ECO and 1,000

For safe and comfortable cab access:  
flat floor and wide door opening

More stability with front loader work:  
long wheel base and  
excellent weight distribution



## Make yourself comfortable.

The spacious, comfortable cab of the AXOS has been specially developed for mixed farming businesses. Wide doors which open forwards, solid handles and self-cleaning steps provide easier cab access during the working day.

## You can just leave the doors open.

Stress-free operating is one of the AXOS strengths. Both cab doors can be opened 180 degrees forwards and then locked in this position. In this way, you can access the cab quickly when working. When opened, the doors do not extend beyond the width or height of the tractor, so you can work safely at all times.

## Straight forward operation.

The AXOS can be operated intuitively which also makes it ideal for untrained drivers: From the easily adjustable driver's seat (with optional air suspension), you are in full command of the ergonomically designed controls at all times.

The clear layout of the dashboard also allows you to concentrate on what's happening outside. Large areas of glass ensure outstanding all-round visibility. And with up to eight work lights, you can work safely and efficiently even at all times.

Practical in everyday use: the forward lockable doors on the AXOS.



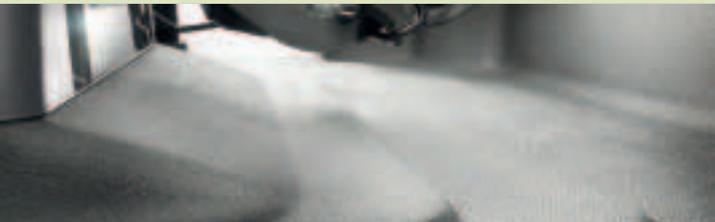
The air conditioner is available for both cab variants. New air outlets in the dashboard ensure draught-free air conditioning.



# Compact outside and spacious inside.

## You get a lot from driving an AXOS:

- Good all-round visibility thanks to a spacious cab fitted with large areas of glass
- Forward-opening windscreen for a good view of the working area
- Effective air conditioning for a comfortable environment.
- After doors are opened forwards and locked, they do not extend beyond the dimensions of the tractor
- Greater comfort thanks to the flat cab floor even on the low-roof version
- Simple, intuitive operation even for untrained drivers
- All information in clear view on the easy-to-read dashboard
- Low noise level promoting relaxed working
- Up to eight work lights provide optimum visibility



The spacious entry area and the flat cab floor provide safe access to the cab and a greater level of comfort.

Cab

# Fits in anywhere.

## Comfortable and compact.

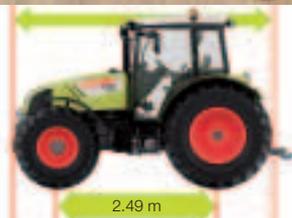
Thanks to its low overall height, the new AXOS can cope with working in farm buildings with low entrances and ceilings. But its external compactness is equalled by its spacious dimensions on the inside. Drivers still have enough headroom even in the low-roof version.

Height of the different AXOS cab versions:

- High-profile roof: 2.58 m (with 30" tyres)
- Low-profile roof: 2.43 m (with 30" tyres)
- Platform: 1.92 m  
(roll bar folded in, 30" tyres)



Optimum weight distribution.



Short overall length – Long wheelbase.



## Versatile and productive.

The small turning radius of 4.3 m and short overall length of the AXOS facilitate comfortable and fast working where space is very limited. No unnecessary manoeuvring any more – and that too helps you increase your productivity and efficiency.

## Traction with stability.

The long wheelbase (2.49 m), a low centre of gravity and well-balanced weight distribution have noticeable advantages in day-to-day work. On the one hand, they provide a high level of driving comfort and on the other they ensure reliable stability when the tractor is used a front loader. The AXOS can deploy its tractive force even without additional ballasting in the rear.

## Advantages of the compact AXOS design:

- Low overall height and small turning radius for operations with restricted access
- Long wheelbase for more stability and comfortable roadholding
- Good manoeuvrability thanks to its short overall length
- Optimum weight distribution provides higher tractive force and lifting power



Pivoting front mud guards allow maximum steering angles.

Dimensions



## A strong combination.

The AXOS/CLAAS front loader combination represents a high level of stability. Because the front loader mounting bracket is connected with the tractor over the whole of its length all the way to the rear axle, all mechanical stresses are transferred to the machine equally when performing front loader work. Even difficult loading tasks therefore present no problem for the AXOS.

Particularly convenient and timesaving. All service points involved in front loader work offer unrestricted access. The outstanding view of the attachments and the whole of the front loader's working area allow the driver to work precisely and productively.

## Precision operation.

Whichever of the two operating systems you choose, the AXOS front loader is always under your precise and stress-free control.

You can choose between:

- PROPILOT with mechanical single lever control
- FLEXPLOT with maintenance-free, hydraulic low-pressure oil system and single lever control

## Quick attachment and removal.

The AXOS is ready to be deployed in next to no time, with or without the front loader.

- The FITLOCK coupling system makes it possible to fit or remove the loader quickly and conveniently
- You can make light work of connecting all hydraulic and electrical lines, even under pressure, with a simple manual operation, using the MACH QUICK COUPLER



The front loader mounting bracket transfers the mechanical stresses to the whole of the attachable frame, which allows demanding front loader work.

# It takes no time to complete the job.

The AXOS/CLAAS front loader combination offers clear advantages:

- Attachment and removal without tools
- Special design of the front loader mounting brackets makes it possible to perform extremely heavy front loader work
- Outstanding view of the attachments allows precision working
- Two convenient variants of operating controls to choose from: PROPILOT, FLEXPLOT
- Quick and uncomplicated maintenance thanks to easy access to all service points



The FITLOCK coupling system and MACH QUICK COUPLER mean that you only have to climb down once when attaching the front loader.

CLAAS front loader

# Everything in view. Everything to hand.



## Retain visibility.

In the AXOS, you can enjoy a perfect view of the attachments and your whole working area. The CLAAS front loader features a clean frame design and hydraulic pipes integrated into the body of the loader.

The sophisticated design guarantees safety during working operations and a high level of loading performance. What's more, protected and easily accessible grease nipples make all routine maintenance work easier.

## Turn your tractor into an all-purpose machine.

You have a wide range of powerful tools available for use with your CLAAS front loader. All series are based on the practical experiences of professional users and have been developed with a distinct understanding of the day-to-day work of farmers.

AXOS		FL 100	FL 80	FL 60
340		•	–	–
330		•	•	–
320		•	•	–
310		–	•	•
Lift capacity	kg	2 190	1 890	1 250
Lifting height	m	4.00	3.85	3.75

A selection of attachments.





## Always smooth.

SHOCK ELIMINATOR, the vibration dampening system used on CLAAS front loader protects the loader, the tractor and you the operator. The built-in nitrogen accumulator reliably reduces impacts, jolts, shocks and vibrations.



## Your advantages:

- Outstanding view of attachments thanks to a compact design and supply lines integrated in the frame members
- Front loader visible through glass sunroof
- Vibration dampening for more driving comfort
- Wide choice of equipment



Front loader programme  
Front loader tools



## The right speed for every application.

The AXOS provides you with up to three PTO shaft speeds in your daily operations:

- 540 rpm ECO for lighter equipment such as a tedder or swather
- 540 rpm standard
- 1,000 rpm for heavy applications such as a fodder mixing wagon and rotary harrow

Whether fertiliser spreader or drum mower: No matter which attachment is coupled, the PTO shaft is always engaged very gently - with either mechanical or hydraulic engagement.

## The right solution for every hydraulic requirement.

With a hydraulic output of 60 l/min, the hydraulic pump fulfils all demands. You can employ up to three mechanical spool valves through optional equipment.

They can be conveniently controlled either by a single lever or a 4-way control lever in the right-hand side console. The control units feature lock-up 4-way cross command, kick-out-function and flow controller with flow rate function. You have the option of switching between single and double-acting.





# Flexibility is everything.

## Why AXOS is the right choice:

- Increased flexibility thanks to three PTO shaft speeds
- Wide selection of hydraulic control units and functions
- Hydraulic connections with leak oil container in the CX equipment
- Tidy uncluttered back end



The PTO shaft stub can be quickly changed in a dry state by removing six bolts. In this way, the AXOS can drive an extremely wide range of attachments.

PTO shaft  
Hydraulics

# Powerful when working in the field. Comfortable when driven on the road.

Work with less stress:  
thanks to the low noise level

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High-torque in every speed range:  
up to 40 % torque increase

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Ideal for front attachment devices:  
integrated front hydraulic system  
and front PTO shaft

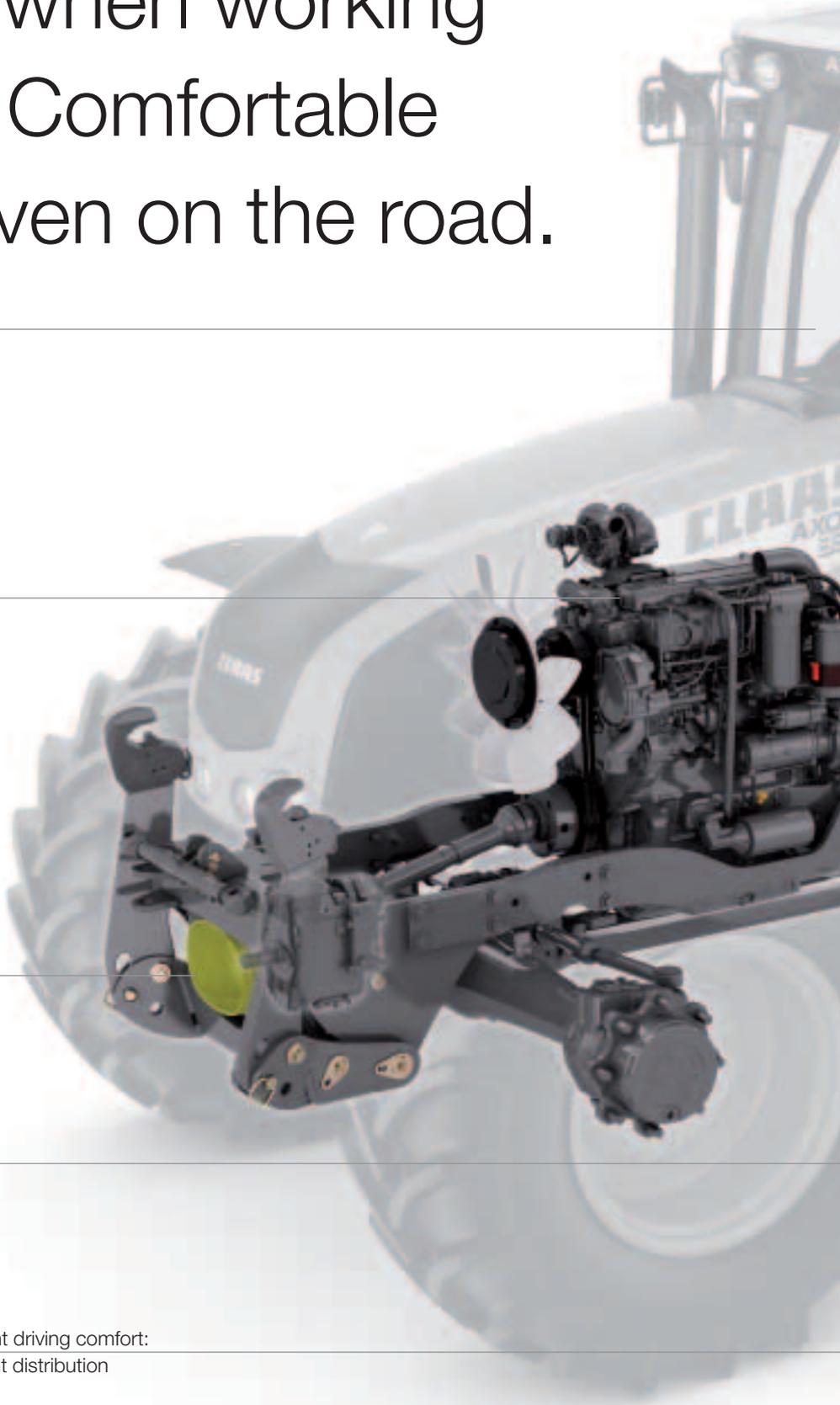
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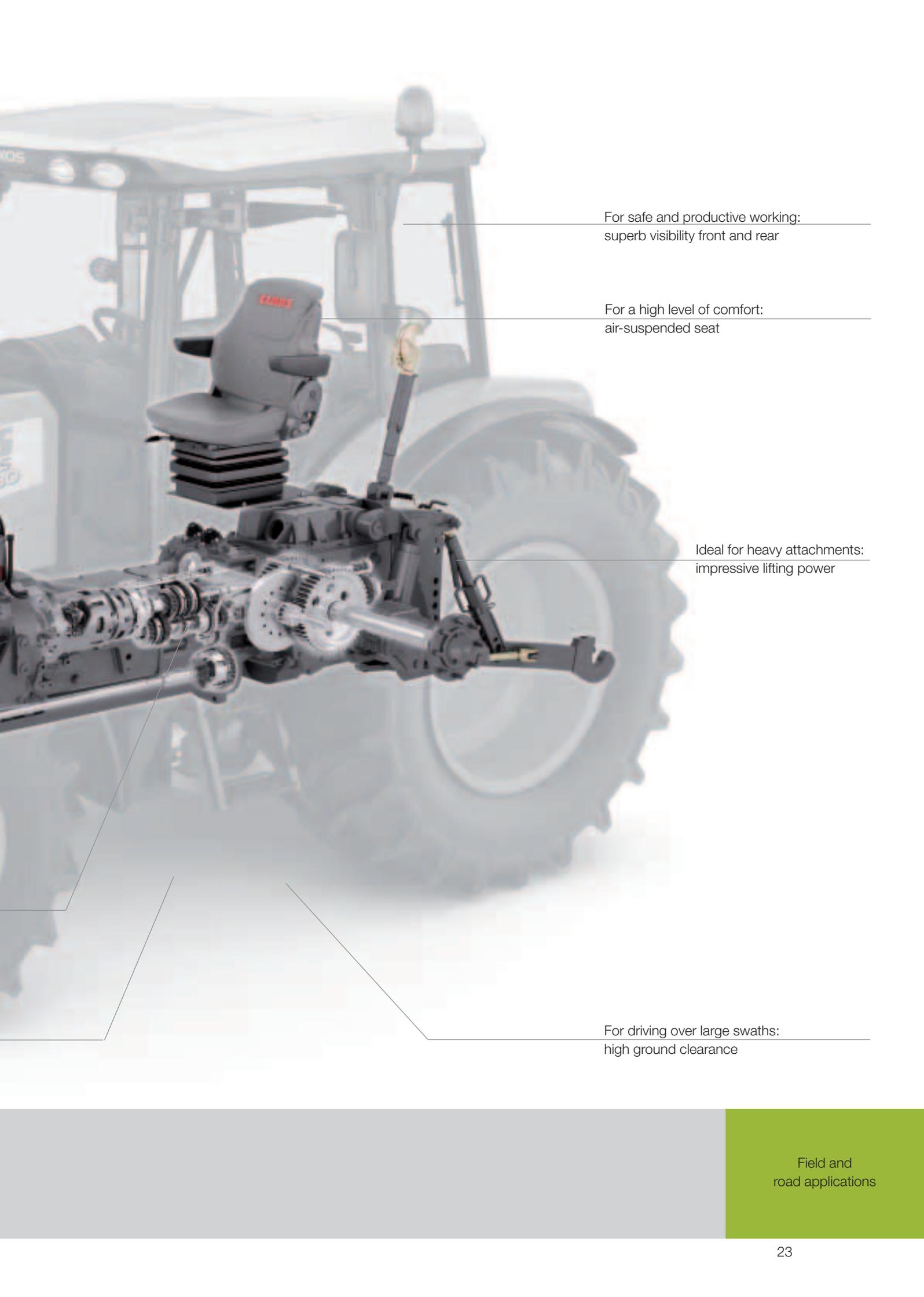
Always the correct speed:  
up to 20 gears forward and reverse,  
with additional creep gear 30F/30R

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For high tractive power and excellent driving comfort:  
long wheelbase and excellent weight distribution

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For safe and productive working:  
superb visibility front and rear

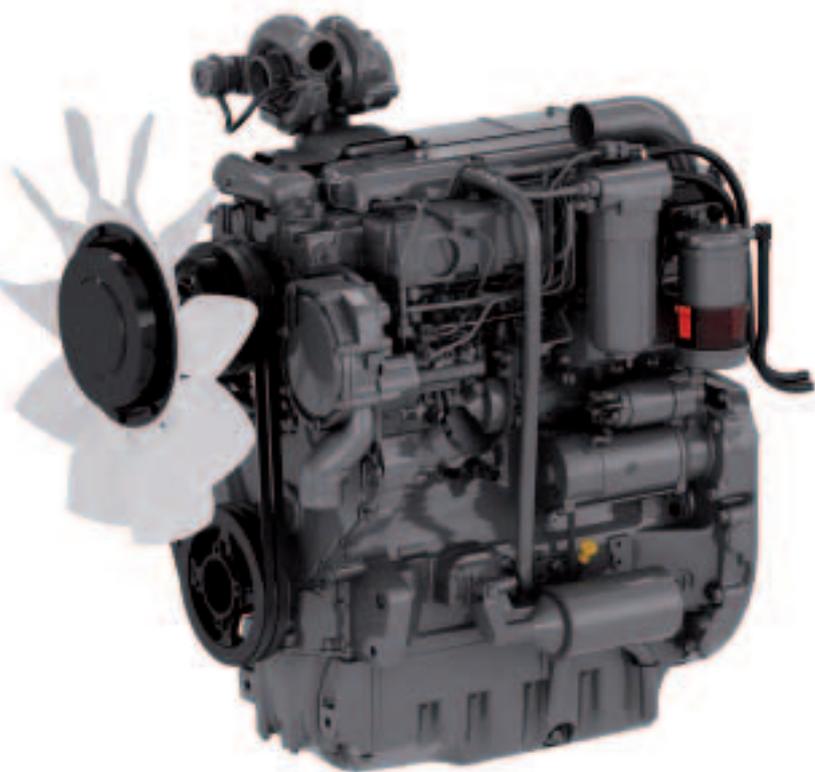
For a high level of comfort:  
air-suspended seat

Ideal for heavy attachments:  
impressive lifting power

For driving over large swaths:  
high ground clearance

Field and  
road applications

# Save time on refueling.



## Powerful and reliable.

Whether at full throttle or only under partial load, the AXOS always works at maximum efficiency with low fuel consumption. Because of the large fuel tank, very long working days are possible without having to refuel.

In order to guarantee a high level of reliability and power output, this latest generation of engines were developed using tried and tested components. These include, for example, mechanical injection, whilst intercoolers (330 & 340) and turbochargers on all models, boost performance. Thanks to the internal exhaust gas system recirculation system used on its TIER 3 engine, the AXOS also satisfies environmental considerations.



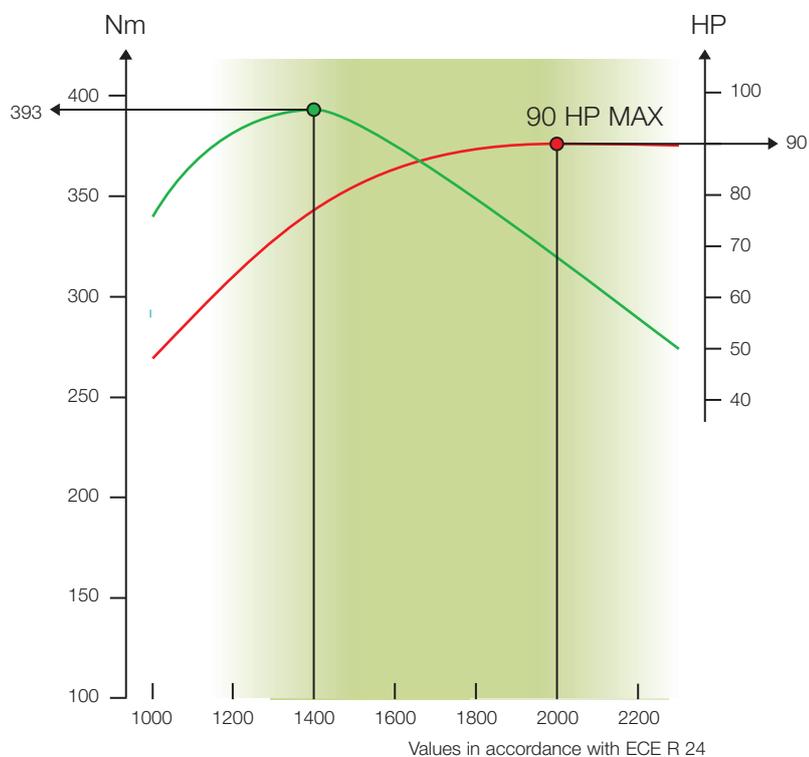


## Power which impresses.

74-100 hp, 4.4 litre, four cylinder turbounits, offer superb performance with excellent reserves of power.

The constant power range of upto 300 rpm and a torque increase of 40 % guarantee that the engine works powerfully in every speed range. This means that you're always saving fuel when travelling because many applications allow you to drive at a reduced engine speed.

### AXOS 330



Engine



## Five transmission variants.

The choice is yours, completely in accordance with your individual requirements:

AXOS C – the basic model with mechanical operation:

- Fully mechanical 10F/10R
- Fully mechanical 20F/20R (with mechanical splitter)

AXOS CL – specialist:

- REVERSHIFT 10F/10R transmission with electro-hydraulic reversing function

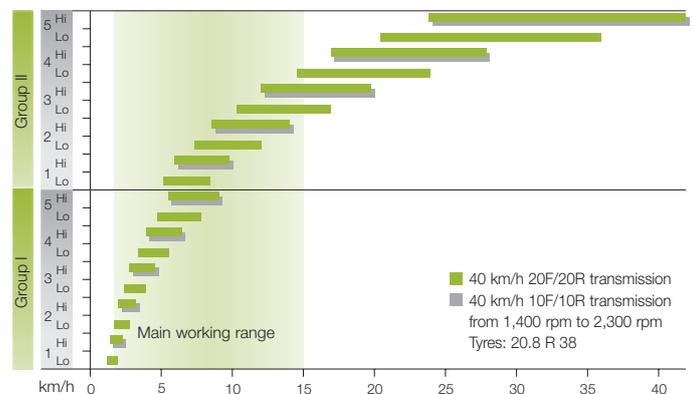
AXOS CX – the premium model with a wide increased flexibility:

- Transmission with REVERSHIFT electro-hydraulic reversing function and TWINSHIFT 20F/20R two-stage powershift transmission
- Transmission with REVERSHIFT electro-hydraulic reversing function and TWINSHIFT 30F/30R two-stage powershift transmission with creep gear

In addition to the convenient REVERSHIFT clutchless reverser system, the AXOS CX is equipped with the TWINSHIFT electro-hydraulic powershift transmission. You operate this simply by pushing a button on the shift lever. You can easily check which shift level is in operation from the dashboard.

## Always moving in the right gear.

The 20F/20R transmission variants provide 12 gears between 2 and 15 km/h in the main working range. This allows you to optimally adjust your speed to every situation.





You can do as you please when it comes to shifting gear.



With REVERSHIFT, you can forget about the clutch pedal.

1. REVERSHIFT lever for quick directional manoeuvres, ideal during front loader work



2. Clutch button on the shift lever for convenient gear changing during road applications



## A brilliant idea.

The idea behind the AXOS is simple but sophisticated: Weight distribution of 50/50 and a particularly long wheel-base. These two together not only make it possible to produce a high level of pulling and lifting power but also ensure optimum driving comfort on the road, even when fitted with heavy attachments.

Thanks to this design, it is possible to work with only a little front ballast while using maximum continuous lifting power of 3,800 kg (measured at 610 mm). This brings a double reward: The permissible load capacity is increased while fuel consumption is reduced.

## Clever control.

A mechanical and an electronic control system (TCE 9) are available for operating the linkage. TCE 9 is a winner thanks to its wide range of functions and benefits to make your day-to-day work easier, from features including quick entry, transport shock absorber and rear fender button controls. All equipment is precisely controlled by TCE 9. Furthermore, you can enjoy a high level of driving comfort on the road.

## Convenient linkage operation.

Both operation variants allow you to control the linkage externally. And so, with the TCE 9, you can simply operate the rear hydraulics via two push buttons on the mud guards. This means that attachment devices can be hitched up safely and conveniently.



AXOS with transport shock absorber and draught control. Tractive force control is controlled via the lower linkage arms. That guarantees a very high level of precision.

Simple mechanics or high level accuracy - a great choice.



Tractive power  
Lifting power

Right at  
the front  
in versatility.



### Specialist in green forage.

The CLAAS front linkage and front PTO shaft were specially developed for the AXOS. Its compact design means that the front linkage is integrated into the tractor and that a high ground clearance of 49 cm is maintained.

With a lifting capacity of up to 2,800 kg, even extremely heavy front attachment devices can be used. The lifting cylinders are dual-acting and can be operated in a floating position. This ensures that front attachment devices are optimally adapted to ground contours. The carrier arms can be fully lifted so that the AXOS retains its manoeuvrability without restriction.





## As if made for mowing.

The front linkage is located very close to the front axle. This produces outstanding weight distribution and provides optimum control of front-fitting working equipment. A lifting range of 750 mm means that even very tall grass swaths can be driven over without disturbance.

The position of the front PTO shaft was chosen specially for use with front mowers. The universal drive shaft angle between tractor and mower is exceptionally favourable and ensures full power transfer. The mower is connected progressively and electro-hydraulically via a switch in the side console on the right. A finger touch is all that's required.

## Benefits of the integrated front linkage:

- High ground clearance and long lifting range for driving over swaths of grass and straw without disturbance and for ease of maintenance
- Compact design for a short overall length
- Perfect transmission of force into the tractor
- Optimum control of front-fitting working equipment by positioning the coupling points close to the front axle
- Position of the front PTO shaft is ideal for working in combination with front mowers



Low overall length thanks to compact design.

Front linkage  
Front PTO shaft

Everyone an individual.





Wide variety of equipment

# There's one that's just right for you.



## Your AXOS made to measure.

In order to satisfy all real-life requirements, CLAAS has developed the AXOS in three versions. Each one of the three models is based on one of the transmission variants. There is also a wide range of equipment options which allows you to create an AXOS which suits your farming requirements perfectly.

## AXOS C – the basic model with mechanical operation.

- Transmission: 10/10, 20/20 fully mechanical
- Mechanical linkage operation
- Two PTO shaft speeds
- Mechanical PTO shaft operation
- Cab with low-profile roof can optionally be equipped with sunroof or glass sunroof
- Air-suspended seat (optional)





AXOS C



AXOS CX

## AXOS CL – the front loader specialist with REVERSHIFT.

- 10/10 transmission with REVERSHIFT
- Mechanical linkage operation
- Up to three PTO shaft speeds
- Hydraulically supported PTO shaft operation
- Cab with low-profile roof can optionally be equipped with sunroof or glass sunroof
- Adjustable steering column (optional)
- Automatic turn indicator cancellation
- Air-suspended seat (optional)

## AXOS CX – the premium model with a wide range of uses.

- Transmission: 20/20 with REVERSHIFT and TWINSHIFT or 30/30 including creep gear
- TCE 9 electronic linkage operation (optional)
- Up to three PTO shaft speeds
- Hydraulically supported PTO shaft operation
- Cab with low-profile or high-profile roof equipped with sunroof or glass sunroof
- Adjustable steering column
- Automatic turn indicator cancellation
- Air-suspended seat
- Telescopic mirrors

Precision pays for itself.

The GPS steering systems facilitate and optimise grassland management, e.g. when laying liquid manure or mineral fertiliser. The CAM PILOT is ideal for maintenance work, especially in row.



AXOS C  
AXOS CL  
AXOS CX



## Choose your cab.

You can have your AXOS built in one of three variants. You can select from two versions with cab (high or low-profile roof) and one version without cab with roll bar (platform version).

### The AXOS with high-profile roof.

With an overall height of min. 2.58 m (fitted with 16.9 R30 tyres), the premium model AXOS CX offers a high degree of space. On long working days, enjoy all the comfort a CLAAS machine has to offer. The sunroof or glass sunroof can be opened wide, providing an optimal view of the front loader and an additional source of ventilation.

### The AXOS with low-profile roof.

With the cab with a low-profile roof, the AXOS (fitted with 16.9 R30 tyres) is still less than 2.43 m in overall height. And so it can still offer you all the amenities of a comfortable tractor even when being used in low buildings. Just like the high-profile roof version, the cab with low-profile roof also has a flat cab floor and a sunroof or glass sunroof.

### The AXOS without a cab.

Because of its overall height of 1.93 m (with the roll bar folded in and when fitted with 16.9 R30 tyres), the AXOS with no cab (platform version) makes it possible to work in greenhouses or in very low poultry barns. The roll bar can be easily and quickly folded in. This version also provides you with a level cab floor. You can also choose any one of the transmission variants and therefore do not have to forgo the convenience of the REVERSHIFT clutchless reverser with TWINSHIFT powershift transmission.

Both cab variants can be fitted with a sunroof or glass sunroof. These make front loader work safe and comfortable at full lifting height.

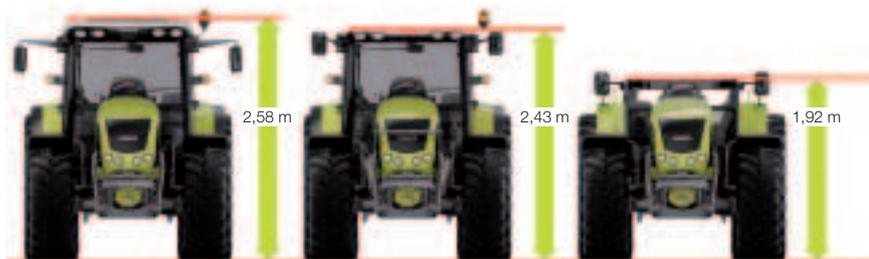


# Your cab, your choice.



The selection of cab variants provides you with clear benefits:

- You can find the cab which suits your requirements and your buildings
- You have an excellent view of the front loader's working area through the sunroof or glass sunroof
- All three cab variants offer you the benefit of full AXOS comfort



Cab variants



## Linkage choices.

The new AXOS is extremely versatile. This is made particularly clear by the wide selection of different options at the rear of the tractor as well as by the integrated front linkage. You can connect the AXOS to whatever device you want. Machines which you already have on your farm can continue to be used without any problem.

Instead of the standard lower linkage fixing, the AXOS offers the option of a self-locking stabiliser. That provides a greater degree of safety out in the field and when travelling on the road.

Category 3/2 lower linkage coupling hooks are available as an option for both of the large models, the AXOS 330 and 340.

## Hydraulic options.

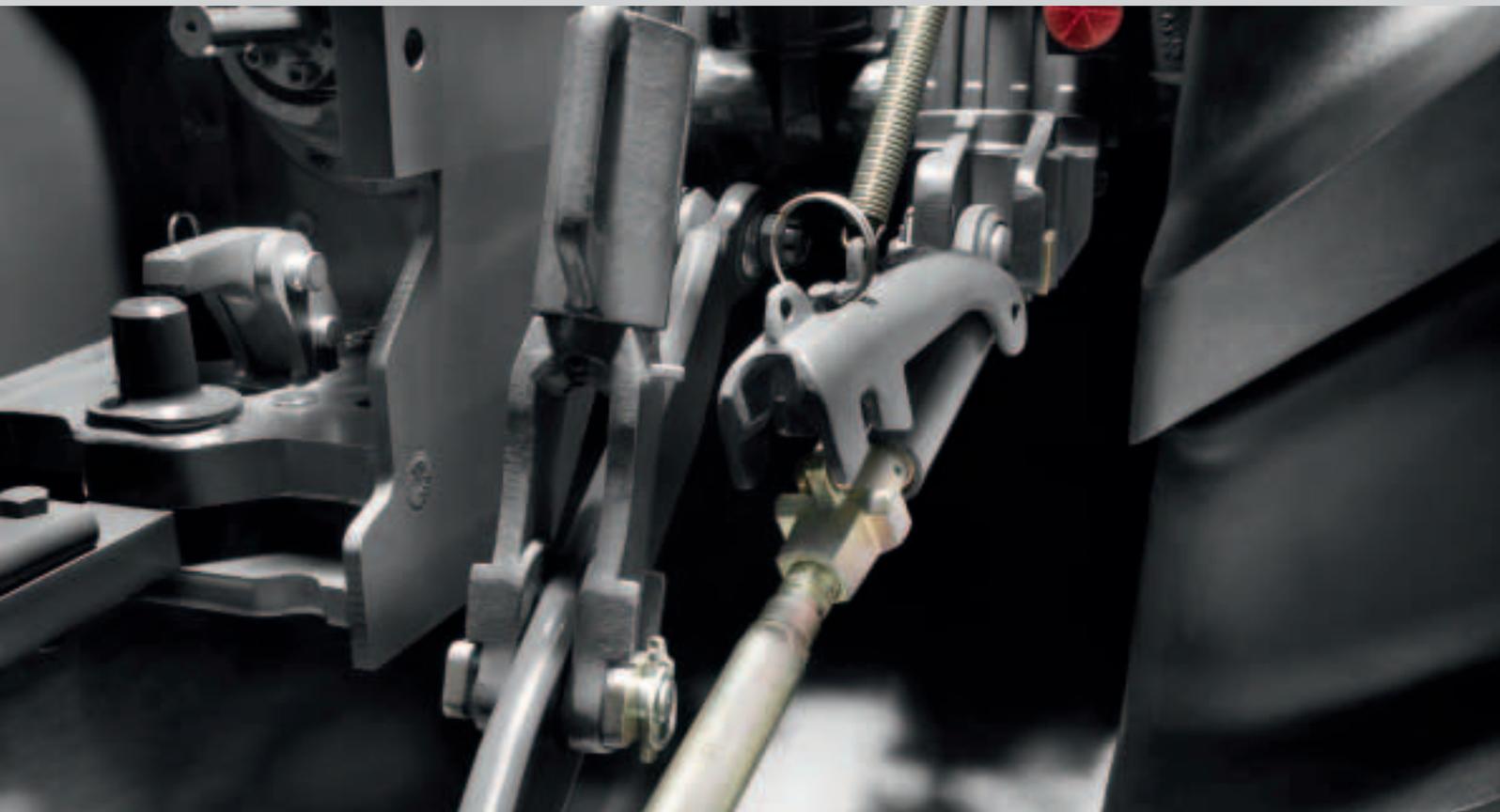
You can choose between six differently equipped variants of control unit. Operation either by single lever or 4-way control lever and the functions of the control units are all variable. Single or double-acting? Flow control? It's your decision. Configure your AXOS exactly according to your requirements.

### Variety has many benefits:

- High level of flexibility of use thanks to numerous linkage options
- Integrated front hydraulic system and front PTO shaft
- Large selection of control units
- Automatic lower linkage fixing
- CAT 3/2 for AXOS 330 and 340



Hitch up easily to  
your new AXOS.



Hitching systems

It's your background  
that counts.





## New cab manufacture in Le Mans.

Whoever belongs to the CLAAS family benefits from the CLAAS Group's experience and know-how from the start. And that's just how it is with the AXOS. During its development, it was subjected to stringent endurance tests to make sure it satisfied the quality standards set for all CLAAS products. The use of tried and tested components used in CLAAS harvesting machinery guarantees a high level of reliability in tractor production. In this way, servicing and the supply of spare parts by our sales partners is also simplified.

The production processes used for CLAAS tractors in Le Mans are at the cutting edge. They are constantly developed and optimised in order to satisfy our high demands for quality and reliability in CLAAS tractors.

For example, at the beginning of 2008 the new cab production was brought online, which has allowed a high degree of individuality. All cabs are specially manufactured for each end customer according to model and equipment variant. Before their final assembly, the individual cab components are closely checked for quality.

All these measures together ensure that we always provide you with quality of the highest level. That's something you can rely on.



## Easy to clean.

A tractor like the AXOS, which is used every day in all conditions, must be easy to care for. The level cab floor and all the panelling are manufactured out of dirt-repellent material and can be cleaned with a minimum of effort.

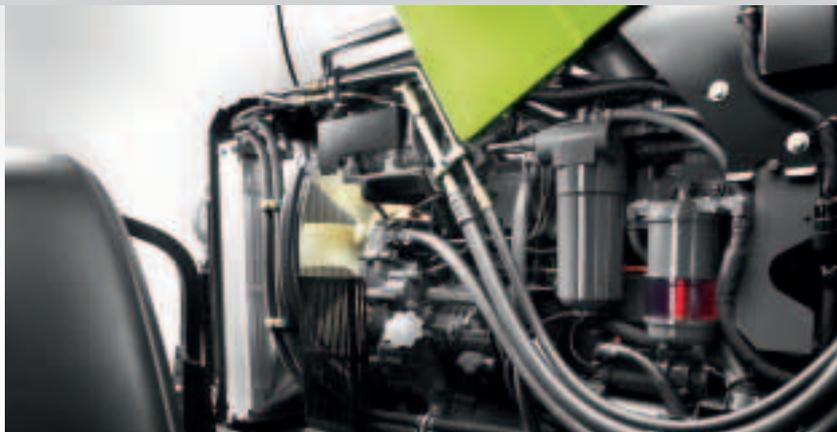
## Ready in a flash.

You can carry out all daily maintenance in next to no time with just a few manual operations. This helps you avoid unnecessary downtimes.

- Thanks to the one-piece bonnet, you can simply and quickly access all servicing and maintenance points.
- The cab air filter and the engine air filter are easy to reach and can therefore be cleaned quickly at any time.
- The radiator assembly can be easily folded upwards and locked in an open position so that you can gain free access to all radiator elements.
- The engine oil can be checked and topped up when the bonnet is closed.
- All servicing points are easily accessible, even when the front loader is attached.



# Ease of maintenance.



Maintenance

A reliable partnership.





## FIRST CLAAS SERVICE® round the clock.

Thanks to our many years of experience and well founded know-how, we understand just about better than anybody else the working methods and individual requirements of every farming business. That is to say, we know very well what's important. This is no different when it comes to our after sales service.

FIRST CLAAS SERVICE® therefore stands for absolute reliability and professionalism. Or to put it quite simply, wherever you are, when you need us, we'll be there. Of course, that goes for all other CLAAS machines, just as for your AXOS.

## 24-hour spare parts service.

You can rely on it: we will supply your farm with the ORIGINAL CLAAS spare parts you require at any time. Reliable and, above all, fast. Our after sales service is extremely well organised throughout the world and has been tested over many years. We do all we can to keep downtimes, when they happen, as short as possible. Because we know as well as you that, after all, time is money.

## Committed teams.

Our excellently trained after sales service teams enjoy their work and really know what they're talking about. Because, for us, expert knowledge and commitment are the basis for successful teamwork. So that you are always the kind of customer we like... one who is completely satisfied.

	AXOS 340	AXOS 330	AXOS 320	AXOS 310
<b>Engine</b>				
Manufacturer	Perkins	Perkins	Perkins	Perkins
Number of cylinders/intake	4/TI	4/TI	4/T	4/T
Cubic capacity	cm <sup>3</sup> 4 400	4 400	4 400	4 400
Bore/stroke	mm 105/127	105/127	105/127	105/127
Output at rated speed (ISO TR 14396-2000/25 EC)	kW/hp 75/102	68/92	64/87	55/75
Output at rated speed (ECE R 24)	kW/hp 74/100	66/90	63/86	54/74
Speed	rpm 2 200	2 300	2 300	2 300
Speed at max. torque	rpm 1 500	1 400	1 400	1 500
Max. torque	Nm 410	393	373	307
Torque increase	% 26	39	40	34
Visco fan	•	•	•	•
Max. fuel capacity	l 145	145	145	145
Oil change interval	h 500	500	500	500
<b>Transmission</b>				
Manufacturer	CLAAS	CLAAS	CLAAS	CLAAS
Top speed	km/h 40/30	40/30	40/30	40/30
<b>CX version</b>				
REVERSHIFT – electro-hydraulic reversing function	•	•	•	•
Mechanical gears	5	5	5	5
TWINSHIFT powershift transmission with 2 levels per gear	•	•	•	•
Creep gear	○	○	○	○
Min. speed of the creep gears	km/h 0,44	0,44	0,44	0,44
Max. number of gears (F/R)	30/30	30/30	30/30	30/30
<b>CL version</b>				
REVERSHIFT – electro-hydraulic reversing function	•	•	•	•
Mechanical gears	5	5	5	5
Max. number of gears (F/R)	10/10	10/10	10/10	10/10
<b>C version</b>				
<b>Synchronised reversing gear</b>				
Mechanical gears	5	5	5	5
Number of gears (F/R)	10/10	10/10	10/10	10/10
<b>Synchronised reversing gear with mechanical reduction</b>				
Mechanical gears	5	5	5	5
Number of gears (F/R)	20/20	20/20	20/20	20/20
<b>PTO shaft</b>				
Operation depending on option	mechanically/hydraulically supported			
540/1 000	•	•	•	•
540/540 ECO	○	○	○	○
540/540 ECO/1 000	optional for AXOS CL and AXOS CX only			
Changeable PTO shaft stub	•	•	•	•
Wedge profile	6	6	6	6
Front PTO shaft 1,000 rpm	○	○	○	○
<b>Driving safety</b>				
Braking system (multiple discs in oil bath and 4-wheel auto activation)	•	•	•	•
Compressed-air brake system	○	○	○	○
Hydraulic trailer braking system	○	○	○	○

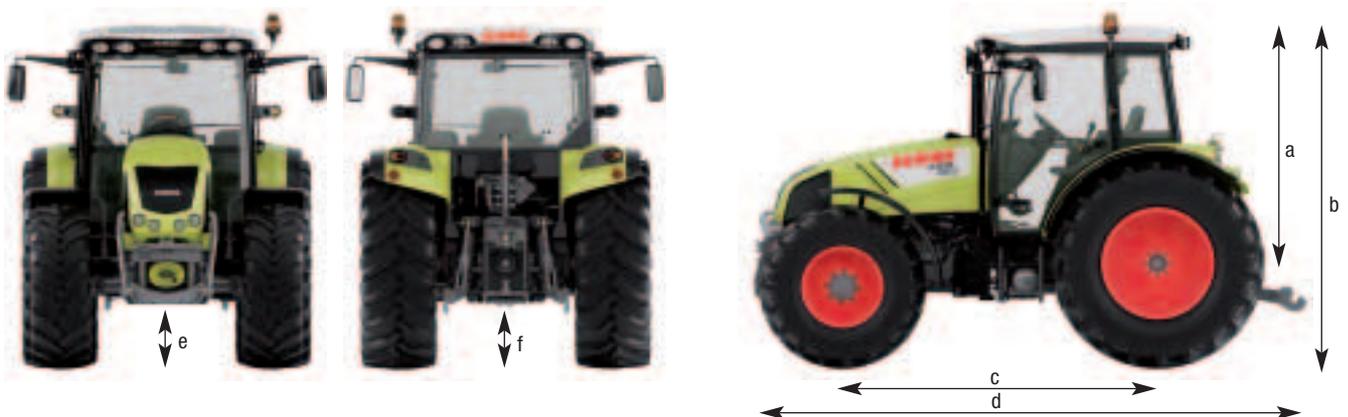
		AXOS 340	AXOS 330	AXOS 320	AXOS 310
<b>4-wheel front axle</b>					
Electro-hydraulic operation		•	•	•	•
Differential locks front/rear (self-locking multi-disc clutch at front/dog clutch at rear)		•	•	•	•
Max. steering angle	°	55	55	55	55
Castor angle	°	6	6	6	6
Angle of oscillation	°	10	10	10	10
Turning radius	mm	4 400	4 300	4 300	4 300
Track	mm	1 885	1 755	1 755	1 755
With tyres		13,6 R 24	11,2 R 24	11,2 R 24	11,2 R 24
<b>Hydraulic system</b>					
Hydraulic pump output for linkage and control units	l/min	60	60	60	60
Max. working pressure	bar	180	180	180	180
Number of control units (max.)		3	3	3	3
4-way control lever		○	○	○	○
Quantity control		depending on equipment package			
Control units with lock-up valve		depending on equipment package			
<b>Rear power lift</b>					
Max. lifting force (max. depending on equipment)	kg	5 100	4 200	4 200	4 200
Continuous lifting force at 610 mm (max. depending on equipment)	kg	3 800	2 900	2 900	2 900
TRACTO CONTROL ELECTRONIC (TCE 9)		optional for CX version only			
External operation for rear power lift		•	•	•	•
Lower and upper link with category 2 ball ends		—	•	•	•
Lower and upper link with category 2 coupling hook		•	○	○	○
Lower and upper link with category 3/2 coupling hook		○	○	—	—
<b>Front power lift</b>					
Front power lift		○	○	○	○
Front linkage max.	kg	2 800	2 800	2 800	2 800
<b>Cab</b>					
Low-profile roof		•	•	•	•
Platform		○	○	○	○
High-profile roof		optional for CX version only			
Driver's seat, mechanically sprung		•	•	•	•
Driver's seat, air-suspended		○	○	○	○
Steering column, height and angle adjustable		depending on equipment package			
Heating		•	•	•	•
Air conditioner		○	○	○	○
Opening rear window		•	•	•	•
Opening front window		○	○	○	○
Stereo radio with 2 loudspeakers		○	○	○	○
Rear window wipers		○	○	○	○
Max. number of work lights		4 front/4 rear			
<b>Dimensions (standard tyres)</b>					
Rear wheels		16.9 R 38	16.9 R 34	16.9 R 34	16.9 R 30
Front wheels		13.6 R 28	13.6 R 24	13.6 R 24	11.2 R 24
Height with high-profile roof (b)	mm	2674	2625	2625	2577
Height with low-profile roof (b)	mm	2525	2476	2476	2428
Height with platform (roll bar folded out/in) (b)	mm	2670/2014	2621/1965	2621/1965	2573/1917
Clearance between rear wheel centre point and roof (comfort roof) (a)	mm	1 910	1 910	1 910	1 910
Clearance between rear wheel centre point and roof (low-profile roof) (a)	mm	1 761	1 761	1 761	1 761
<b>Length</b>					
Wheelbase (c)	mm	2 489	2 489	2 489	2 489
Overall length (without additional front weights) (d)	mm	4 181	4 181	4 181	4 181
<b>Ground clearance</b>					
Front axle (e)	mm	490	441	441	399
Rear axle (without swinging drawbar) (f)	mm	515	465	465	420

		AXOS 340	AXOS 330	AXOS 320	AXOS 310
<b>Weight</b> (standard tyres, with oil and fuel, without driver)					
Rear wheels		16.9 R 38	16.9 R 34	16.9 R 34	16.9 R 30
Front wheels		13.6 R 28	13.6 R 24	13.6 R 24	11.2 R 24
Weight without ballast	kg	4200	3730	3730	3650
Max. ballast weights ex factory	kg	4804	4234	4034	3854
Weight distribution with ballast (front/rear)	%	47/53	47/53	53/47	55/45
Permissible total weight	kg	8 500	7 500	7 500	7 500

#### Tyre table

Rear tyres	Front tyres				
16.9 R 30 (420/85 R 30)	11.2 R 24 (280/85 R 24)	–	•	•	•
16.9 R 30 (420/85 R 30)	320/70 R 24	–	•	•	•
480/70 R 30	11.2 R 24 (280/85 R 24)	–	•	•	•
480/70 R 30	320/70 R 24	–	•	•	•
540/65 R 30	11.2 R 24 (280/85 R 24)	–	•	•	•
540/65 R 30	320/70 R 24	–	•	•	•
16.9 R 34 (420/85 R 34)	13.6 R 24 (340/85 R 24)	–	•	•	•
16.9 R 34 (420/85 R 34)	14.9 R 24 (380/85 R 24)	•	–	–	–
480/70 R 34	380/70 R 24	–	•	•	•
480/70 R 34	420/70 R 24	•	–	–	–
540/65 R 34	440/65 R 24	–	•	•	•
540/65 R 34	480/65 R 24	•	–	–	–
16.9 R 34 (440/80 R 34)*	13.6 R 24 (340/80 R 24)*	–	•	•	•
16.9 R 34 (440/80 R 34)*	14.9 R 24 (400/80 R 24)*	•	–	–	–
12.4 R 36 (320/85 R 36)	11.2 R 24 (280/85 R 24)	–	•	•	•
12.4 R 36 (320/85 R 36)	320/70 R 24	–	•	•	•
13.6 R 36 (340/85 R 36)	12.4 R 24 (320/85 R 24)	–	•	•	•
18.4 R 30 (460/85 R 30)	420/65 R 24	–	•	•	•
18.4 R 34 (460/85 R 34)	14.9 R 24 (380/85 R 24)	–	•	•	•
18.4 R 34 (460/85 R 34)	13.6 R 28 (340/85 R 28)	•	–	–	–
520/70 R 34	420/70 R 24	–	•	•	•
520/70 R 34	380/70 R 28	•	–	–	–
600/65 R 34	480/65 R 24	–	•	•	•
600/65 R 34	440/65 R 28	•	–	–	–
13.6 R 38 (340/85 R 38)	13.6 R 24 (340/85 R 24)	•	•	•	•
16.9 R 38 (420/85 R 38)	13.6 R 28 (340/85 R 28)	•	–	–	–
540/65 R 38	440/65 R 28	•	–	–	–

• Standard    ◦ Option    – not available    \*tyres with industrial profile



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AXOS  
Specifications

# AXOS gives its all for you.

## Inviting: your workplace.

- Sunroof or glass sunroof
- Simple to operate and ergonomic
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- Windscreen optionally openable
- Doors open 180° forwards and can be locked in that position

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- Minimal overall height with cab with low-profile roof: 2.43 m
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- Engines with outputs of 74 to 100 hp tier 3 compliant
- Up to three PTO shaft speeds: 540 / 540 ECO / 1,000
- Integrated front linkage
- Rear linkage with optional TCE 9 electronic control gives road transport damping and finger tip control on the rear wings
- Long wheel base
- Short overall length and small turning circle
- FIRST CLAAS SERVICE®

## Unique: your selection.

- Three models: C, CL and CX
- Three cab variants
- Five versions of transmission
- Wide variety of coupling devices
- Six different variants of control unit

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