



Tractors

XERION

5000 4500 4000



We believe that size is  
everything, provided that it  
can also do everything.













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# The TRAC concept.

Still unique.

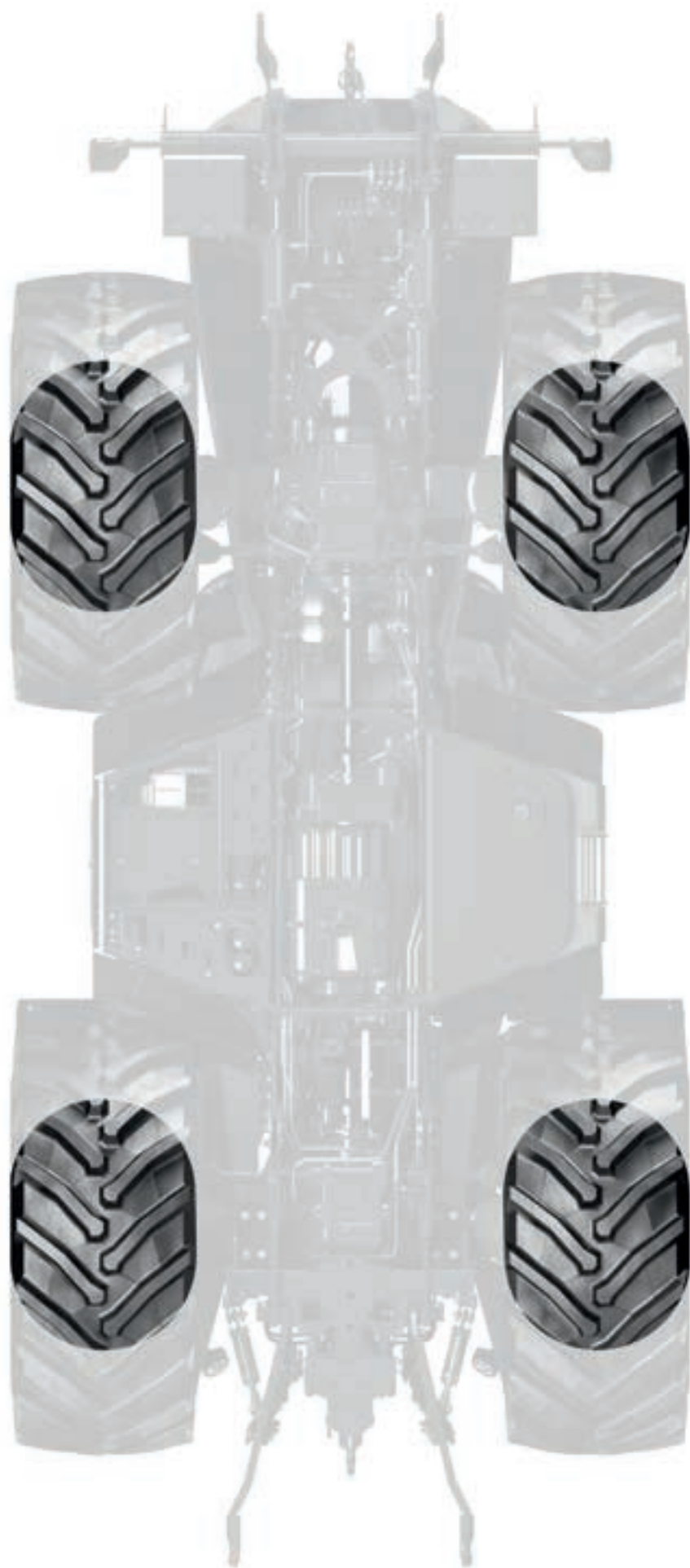
Wherever high work rates, productivity and efficiency are required, the XERION provides the perfect solution.

The XERION is defined by a number of unique features:

- Four equal-sized wheels on steered axles
- Continuously variable drive train over 500 hp
- 50/40 km/h top speed
- Intuitive, ergonomic controls







With a fixed cab.  
The TRAC.







### For arable farming.

On the TRAC model, the cab is fixed in the middle of the vehicle. It has large windows which offer excellent visibility, allowing the front and rear implement areas to be in full view.

The TRAC model is the one that is typically used in arable farming. It is ideally suited to all field operations, such as cultivating and drilling.

With four equal-sized wheels, the engine power is efficiently converted into tractive power in the field, without damaging the soil.

### Well balanced.

Even without additional ballast, the weight of the XERION is evenly distributed across both axles.



TRAC





# With a rotating cab. The TRAC VC.

## Wide range of applications.

For jobs such as snow blowing, wood chipping and silo work, a good view of the rear implements is essential.

At CLAAS, VC stands for Variable Cab. The rotating cab is the most convenient reverse-drive system imaginable. At the press of a button, the cab can be moved from its central position to the rear-facing position above the rear axle.

With automatically rotating controls, all functions remain the same when operating in the rear position.



TRAC VC

Load carrier.  
The SADDLE TRAC.







### For specialist work.

In the SADDLE TRAC the cab is positioned above the front axle, leaving plenty of space behind the cab for a wide range of potential applications.

With a tanker installed, the XERION becomes a self-propelled machine for substrate logistics. The SADDLE TRAC is already a firmly established player in this area.

Mounting systems for seed and fertilisers also increase capacity when time frames are tight.

### Pivoting rear linkage.

As an option, the SADDLE TRAC can be supplied with a pivoting linkage. This means that implements using the three-point hitch are automatically aligned with the direction of travel when driving in the offset gentle mode (crab steering).



The new pivoting linkage was awarded a Silver Medal at Agritechnica 2013.

SADDLE TRAC

# CPS – CLAAS POWER SYSTEMS.

Optimised drive for outstanding results.

The CLAAS machinery development programme 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

# Performance packaged. The engine.



## Full power.

The latest 6-cylinder in-line engines from Mercedes-Benz meet emissions standard Stage IV (Tier 4). In addition to highly sophisticated technology, they offer a wealth of impressive benefits:

- High torque even at low engine speeds
- Torque is consistent over a wide engine speed range
- Low weight thanks to high power density
- Compliant with emissions standard Stage IV (Tier 4) simply by using SCR technology





## Two engines for three powerful machines.

The XERION 4000 has an OM 470 LA with 11 litre cubic capacity. The two larger XERION 5000/4500 models are powered by the OM 471 LA with 13 litre cubic capacity.

		<b>XERION 5000</b>	<b>XERION 4500</b>	<b>XERION 4000</b>
Cylinders		6	6	6
Cubic capacity	l	12.8	12.8	10.6
Nominal engine speed	rpm	1900	1900	1900
Nominal engine speed (ECE R 120)	kW/hp	382/520	352/479	308/419
Max. output (ECE R 120)	kW/hp	390/530	360/490	320/435
Max. torque	Nm	2450	2300	2100



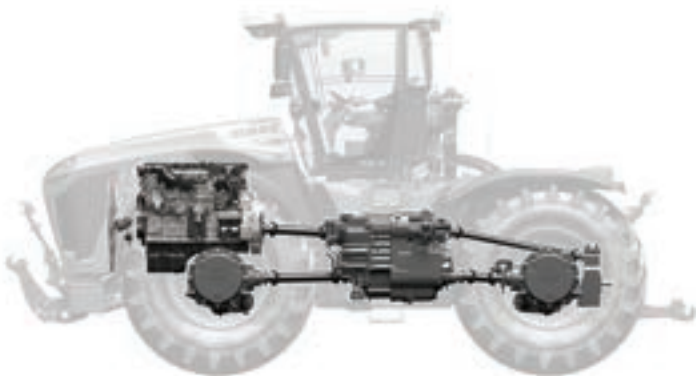
CMATIC means continuously variable.

CMATIC is the name of the continuously variable transmission technology in CLAAS tractors. In the XERION series a ZF Eccom transmission provides efficient conversion of engine power. The driving comfort with this continuously variable transmission is unique in this hp class.

Direct driveline.

The driveline has deliberately been kept simple so that it transfers engine power directly to the axles and PTO.

Selectable longitudinal and transverse differentials provide optimum power transfer when it's really needed.





# Power equals efficiency. The transmission.

## ZF Eccom 4.5 transmission.

- Full power transmission in both directions of travel
- For all TRAC VC models and XERION 5000 TRAC
- The auxiliary drive option (power hydraulics) is also available for the XERION 5000 / 4000 TRAC versions
- 40 km/h and 50 km/h available
- Integral PTO coupling



## ZF Eccom 5.0 transmission.

- Only available in the TRAC and SADDLE TRAC models
- Max. 40 km/h in XERION 5000 TRAC
- 40 km/h and 50 km/h in XERION 4500 / 4000 TRAC
- Integral PTO



# A solid foundation. The frame.



## Bolted in place.

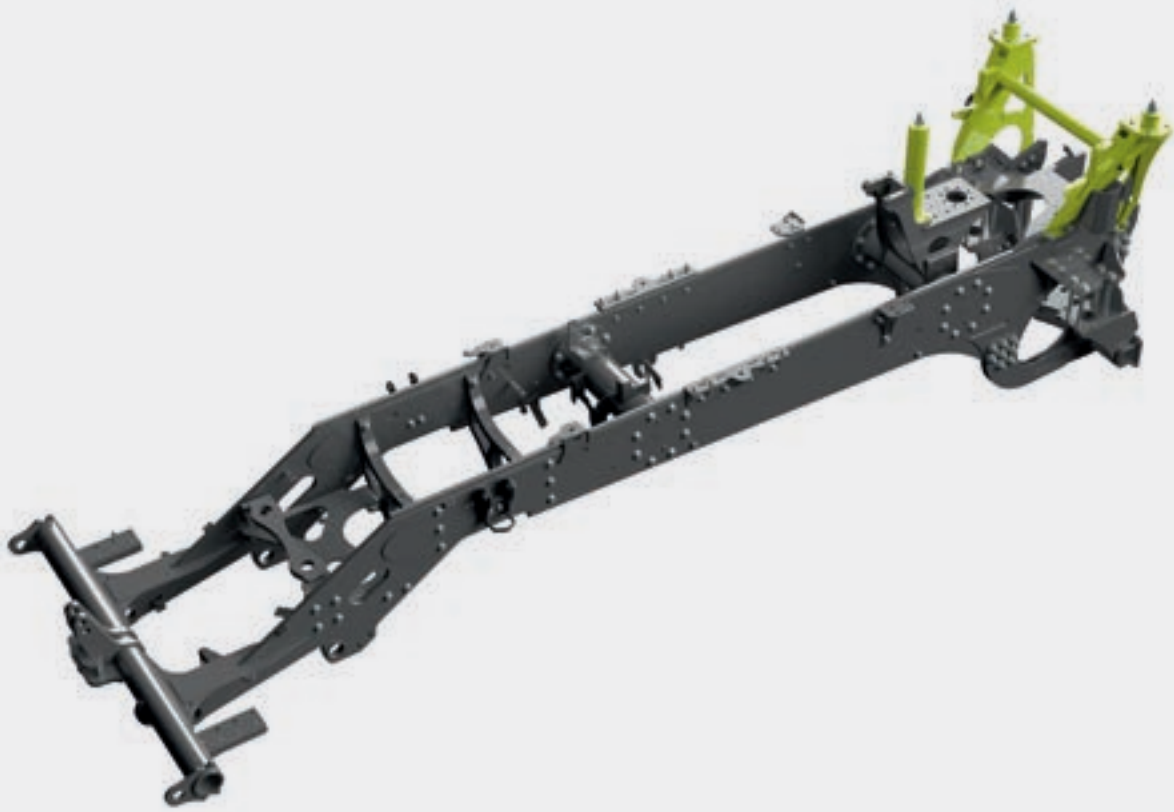
Bolted is stronger than welded. That's why the frame reinforcements are bolted in place. This further increases the strength and load-carrying capacity.

## Minimum vibration.

The frame is the main supporting component of the XERION. For that reason, the engine and its assemblies are mounted on silent blocks on the frame to minimise vibration. This reduces vibration in the cab to the minimum.







### Long wheelbase.

The long wheelbase enhances driving comfort. But the 3.6 m spacing between the axles doesn't just improve operating stability – it also plays a major part in converting engine power into effective tractive power.

Two steering axles ensure that the XERION remains manoeuvrable and easy to handle.



### High load-carrying capacity.

The 110 mm ball hitch behind the cab supports a maximum drawbar load of 15 tonnes. A swanneck connection with mounted implements makes the tractor/implement combination highly manoeuvrable. The hitch ball absorbs the high loads and distributes them evenly across the entire vehicle.



Tractive power makes all the difference.

The four equal-sized wheels efficiently convert the installed engine power into equal shares of tractive power. Using the wheel slip display and rapidly adjustable engine droop, the driver can quickly find the optimum setting for every job.

Good distribution.

The tare weight is distributed evenly across both axles (55% at the front and 45% at the rear) even without additional weights. The tractor is easily optimised for every task with a ballasting pack that is available ex factory. 400 kg weights can be installed on the front weight and the rear plate and locked in place.





# Perfect equilibrium. The ballasting.



## Front: fixed or variable.

CLAAS offers two different front weights: one is designed to be fixed permanently in place and one can be attached via the front hydraulics. Both weigh 1,800 kg. The ballasting can be increased to 3.2 t by adding four further weights.



## Rear: a range of options.

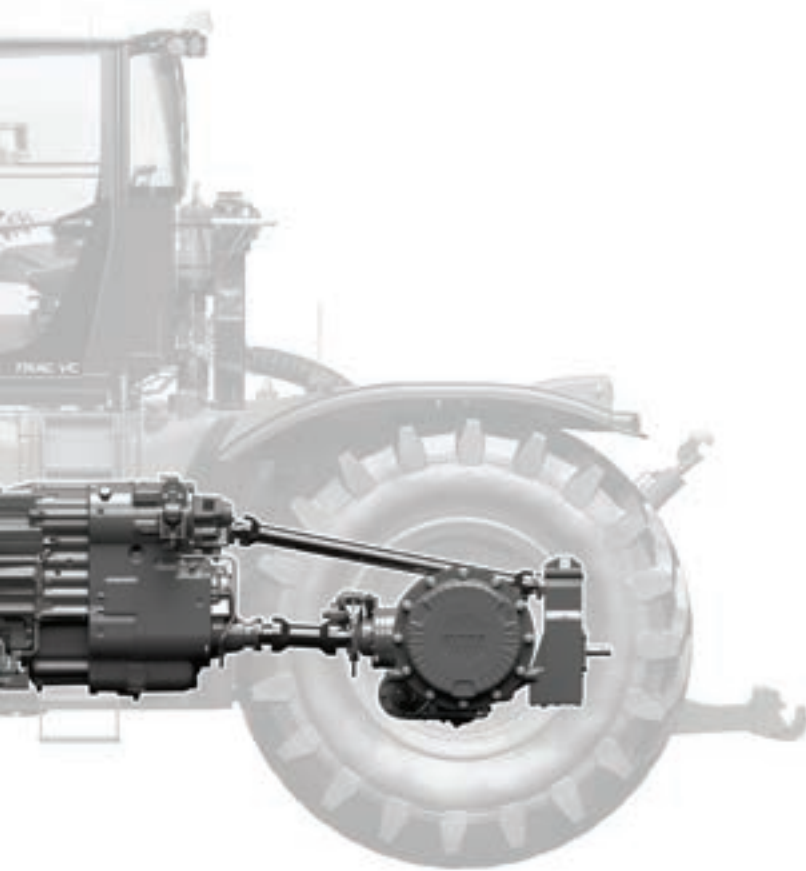
A 200 kg base plate can be installed over the rear axle by means of a simple locking system. A total weight of 3.4 t can be achieved by installing up to eight additional weights in this way.

# Power where it's needed. The PTO.

## Plenty of usable power.

When the PTO is running at 1,000 rpm, the XERION develops its output at a reduced engine speed of 1,730 rpm. Thanks to the simple drive train design, the full rated output is transferred to the PTO stub.

This enables you to reduce your fuel consumption while working at full engine output.





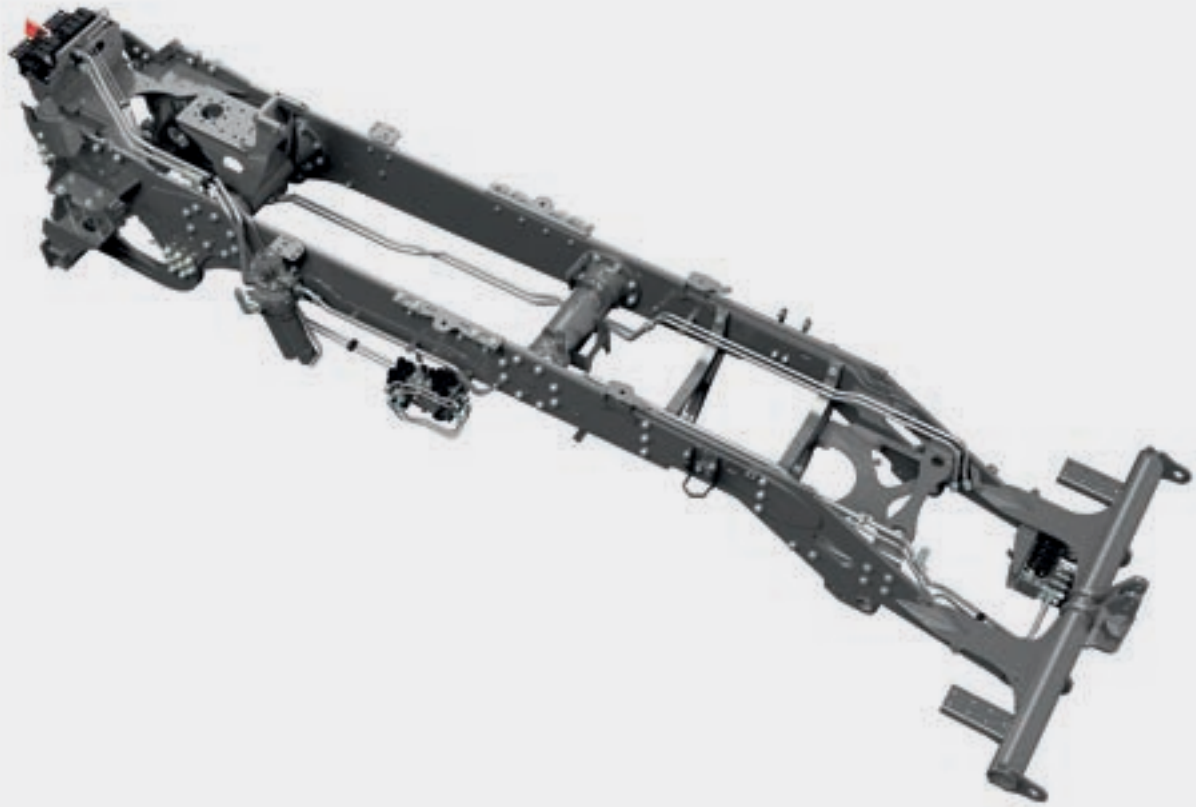
Several PTO stubs available.

- 1 ¼", 6 splines
- 1 ¼", 20 splines
- 2 ¼", 22 splines (Ø 57.7 mm)

With the 2 ¼" PTO stub, engine outputs above 500 hp are effectively transferred to attached implements.







### The facts.

The XERION has two hydraulic circuits.

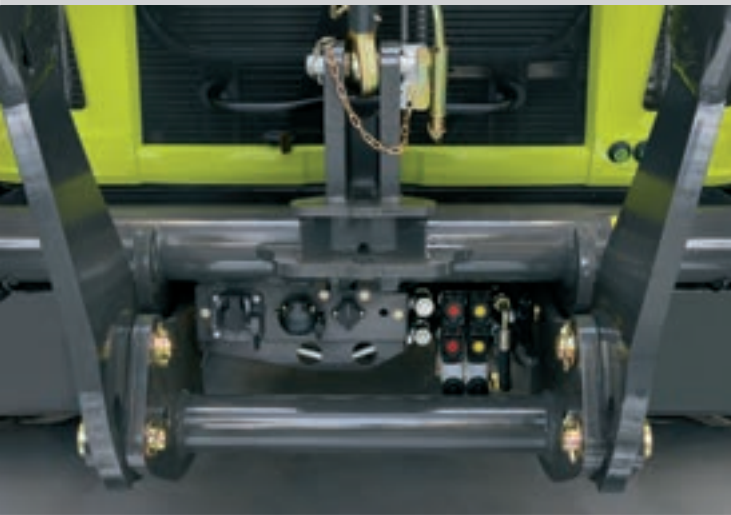
- 200 bar operating pressure
- 195 l max. supply volume
- 58 kW max. hydraulic output, total
- 105 l/min max. flow rate per spool valve

A third (optional) hydraulic circuit with a constant output of 80 litres per minute (at 200 bar) delivers additional hydraulic power at the purple spool valve.

### Strong power hydraulics.

On the ZF Eccom 4.5 transmission there is an auxiliary drive which can deliver 250 l/min at 260 bar via a 100 cm<sup>3</sup> pump. This third hydraulic circuit can therefore provide up to 90 kW of additional output.

# Keep up the pressure. The hydraulics.



## Connections at the front.

Two double-acting spool valves are available at the front of the XERION if a front linkage is installed.

## Connections at the rear.

Six double-acting spool valves are available at the rear when a linkage is fitted, and up to seven are available when specified without.



## Power-Beyond as standard.

The Power-Beyond connections with large-diameter lines and flat couplings at the front and rear provide a high oil delivery rate to attached implements with low losses.

# Loves heavy work. The front linkage.

## Fully integrated.

The front linkage is fully integrated into the frame. The lower links fold in easily to reduce the vehicle length. Further benefits include:

- Continuous 8.1 t lift capacity
- Vibration damping
- Robust design
- Quick and easy to attach front weights







- 1 Rear linkage operation
- 2 Front linkage operation

### Everything in hand.

The CMOTION enables you to control the front and rear linkage easily with your thumbs without having to move your hand.



#### Front linkage

- Working position for area calculation
- Lifting height limit
- Lowering speed
- Lifting speed

### Many options.

The front linkage is operated electronically. Your hand remains on the CMOTION multifunction control lever while you operate all the functions. All settings can be adjusted quickly and easily on the CEBIS control terminal.

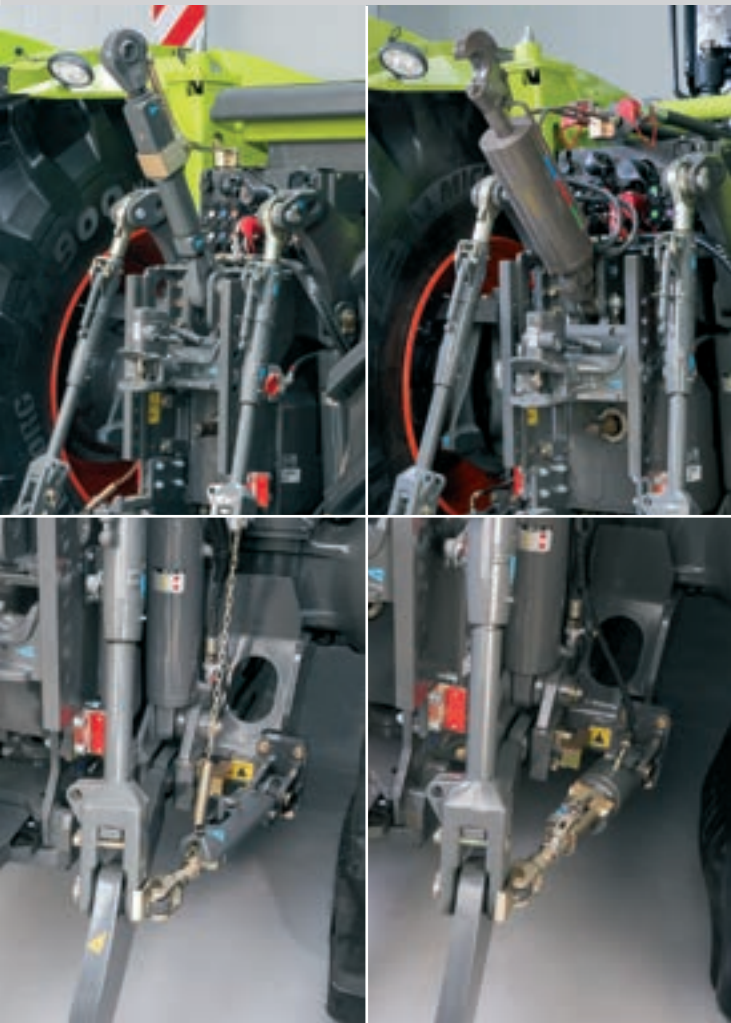


### Continuous power.

The 3-point hitch on the rear linkage is fitted with category IV hitch points as standard.

- Double-acting rams
- Continuous 10 t lift capacity
- Vibration damping

# Simply lifts more. The rear linkage.



## The top link.

For the top attachment point on the 3-point hitch at the rear, CLAAS offers a mechanical top link with category IV (heavy duty) hitch points or a hydraulic top link with category III or IV hitch points.

## The lower link stabilisers.

You can choose between mechanical and hydraulic lower link stabilisers. The hydraulic version provides the option of automating operating processes. The stabilisers can be locked and unlocked by a switch on the control panel.



# A strong attachment. The hitch points.

## Ladder hitches.

Two different hitch options are available:

- Automatic trailer coupling, drawbar load 2.0 t
- 80 mm ball head coupling (shown on the right), drawbar load 3.0 t to 40 km/h



## Drawbar hitch.

Three holes in the drawbar hitch give you a choice of three positions. You can also choose between different attachment points.

- Drawbar with 40 or 50 mm diameter locking pin
- Drawbar with 80 mm hitch ball
- Drawbar with Piton Fix





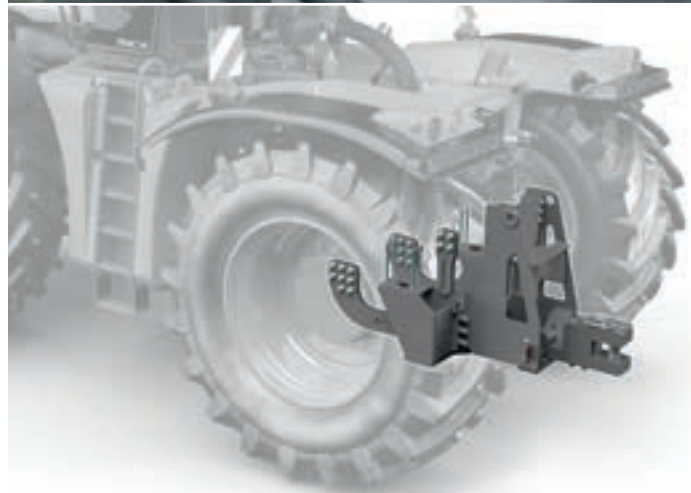
### Swanneck.

The swanneck hitch has become an accepted method of attaching trailed slurry tankers. The 110 mm ball hitch behind the cab has a maximum drawbar load of 15 t. However, the tractor/implement combination remains very manoeuvrable despite the high load-carrying capacity.



### Heavy load hitch.

CLAAS offers a heavy load hitch as an alternative to the rear linkage. It is ideal for trailed implements which transfer high loads to the XERION. The permissible drawbar load during use is 5.0 t. Locking pins with diameters of 50 and 70 mm are available.





A pleasant working environment.

**CLAAS**  
5000  
XERION











#### Ultra-convenient reverse-drive system.

The cab on the XERION TRAC VC (Variable Cab) can be rotated through 180° in less than 30 seconds by the press of a button. This new position at the rear of the tractor gives the driver an excellent view of rear-mounted attachments. All the controls move as well – automatically. For tasks such as silo work, chipping wood, snow blowing or mulching, this convenience is unique.



#### Magnificent view.

The spacious cab offers unbeatable all-round visibility thanks to its large windows and 4-pillar design.

And long working days are no problem with a maximum noise level of 69 dB.

# Business class. The cab.



## Intelligent suspension.

The new semi-active cab suspension enhances driving comfort in all applications. The dampers are electronically controlled and automatically adjust the suspension to the current driving situation.



## Lighting.

The XERION lighting system is based on two different voltage networks. The road driving lights are powered by a voltage of 12 V and the working headlights by a 24 V system.

- Up to twelve work lights at the front
- Up to eight work lights at the rear



# Everything in hand. The armrest.

## Ergonomic.

The armrest is designed to ensure that the driver's arm and hand remain relaxed and comfortable while controlling the most important functions. Even when operating the CMOTION multifunction control lever, your hand lies on the armrest and does not get tired.

## Adaptable.

You can adjust the entire armrest to suit your needs: it can be moved horizontally and vertically using two levers in the middle of the console.





## Control panel.

The control panel is equipped with additional function switches which are identified by self-explanatory symbols.

- 1 Speed range switch (road: max. 50 or 40 km/h, field: max. 30 km/h)
- 2 Pivoting rear linkage
- 3 Rear linkage operating position
- 4 Reversible fan
- 5 Parking brake/neutral
- 6 Differential locks (automatic)
- 7 Differential locks (manual)
- 8 Engine-speed memory
- 9 Hydraulic spool valves
- 10 PTO
- 11 Power hydraulics (auxiliary drive)
- 12 Position control, rear linkage
- 13 ELECTROPILOT (red and yellow spool valves)
- 14 E-gas (manual engine speed adjustment)





### Always well informed.

Information, control and monitoring are the tasks of the CEBIS electronic on-board information system. It is distinguished by its clear, logical organisation of functions in the menu structure.

A quick look is all it takes: the CEBIS display gives you an overview of the current processes and status. A driving screen and an operations screen provide a clear, organised summary of all relevant information. Warning messages are given acoustically as a buzz tone as well as visually in the form of icons and texts.

### Clear, simple and even faster operation.

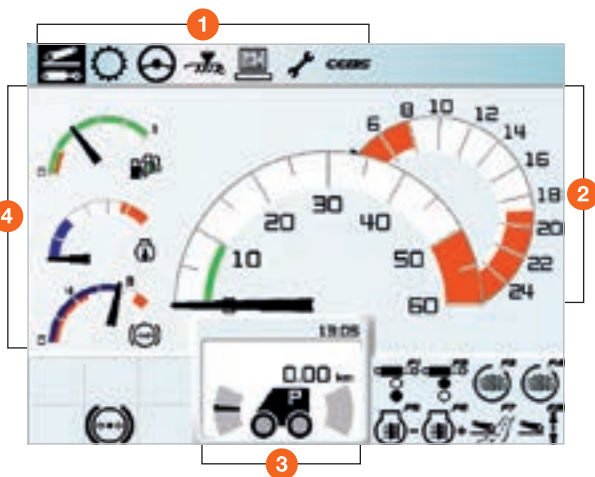
In working mode, the basic tractor settings are entered via the CEBIS rotary switch. An additional HOTKEY rotary/push switch provides rapid access to control other functions. The position of the rotary switch is shown on the CEBIS display. The relevant CEBIS or HOTKEY increment control is used to navigate through the menus and change settings.

### An eye-catching 21 cm screen.

The 8.4" colour CEBIS screen offers the perfect view thanks to its easily customised position. A ball head mount allows the monitor to be adjusted exactly as the operator requires.



# Everything under control. CEBIS.

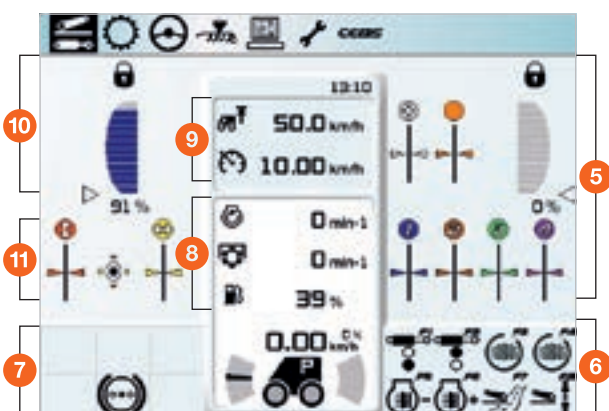


CEBIS road screen.

- 1 Menu bar
- 2 Ground speed and rpm
- 3 Travel information
- 4 Fuel, temperature and air indicator

CEBIS operating screen.

- 5 Rear linkage / rear hydraulics status
- 6 Function button assignment:  
F1 to F8 on multifunction control lever
- 7 Message window
- 8 Configurable display area
- 9 Variable display area dependent on selected menu item
- 10 Front linkage status
- 11 Front hydraulics status



# Everything in one place. The CMOTION multifunction control lever.



## Within easy reach.

The CMOTION multifunction control lever is a unique concept from CLAAS for convenient, efficient control of the main XERION functions. The functions are operated with the thumb and first two fingers, reducing fatigue in your hand throughout the working day.



- 1 ISO rocker switches (F5/F6)
- 2 ISO function keys (F3/F4)
- 3 Cruise control
- 4 Start up/reverse
- 5 Front linkage/hydraulics + ISO function keys (F7/F8)
- 6 CSM headland management + ISO function keys (F1/F2)
- 7 Rear linkage
- 8 GPS PILOT





EASY.  
Simply get more done.





The name says it all.

The combined electronics expertise of CLAAS can be summed up in a single word: EASY

This acronym 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

The logo for EASY, featuring the word "EASY" in a bold, white, sans-serif font on a green background with a white wave-like shape above it.

Efficient Agriculture  
Systems by CLAAS.



on board



on field



on track



on farm





The XERION can be fitted with the following terminals at the factory:

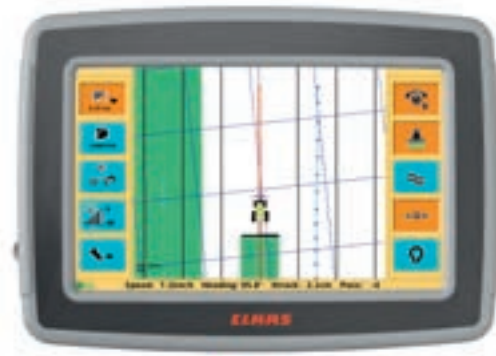
**S10 terminal**

- High-resolution, colour 10.4" (26.30 cm) touchscreen
- GPS and ISOBUS terminal
- Up to four analogue camera connections available
- Reference line management
- SECTION VIEW (section display) as standard
- AUTO TURN (automatic turning at the headland) as an option



**S7 terminal**

- High-resolution, colour 7" (17.78 cm) touchscreen
- GPS and ISOBUS terminal
- Reference line management
- SECTION VIEW (section display) as an option
- AUTO TURN (automatic turning at the headland) as an option





# Always well informed. S10 and S7 terminal.



## ISOBUS implement control.

The S10 terminal is connected up via a socket in the cab.  
The attached implement is operated by means of a machine-specific display. ISOBUS compatibility means that implements from other manufacturers can also be operated using the S10 terminal.



# Right on track. The steering systems.



## Optimise operating costs.

Research into cultivation systems shows that there is often an increase in overlap for larger working widths when a guidance system is not used. This means that 7% savings in terms of diesel fuel, machine costs, fertiliser and pesticide could easily be achieved with a CLAAS steering system.

## Improve the quality of your work.

CLAAS steering systems take the pressure off the driver. They show in advance which direction to take, or automatically steer the tractor along the best possible track. Mistakes are eliminated, allowing the driver to concentrate on keeping the tractor running properly, with clear improvements in results.

## Correction signal to meet individual needs.

The design of the CLAAS range enables you to extend your system easily at any time. This applies just as much to the terminal technology as to the use of today's essential correction signals.

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





## The correction signals.

### **RTK**

- +/- 2 to 3 cm
- Base station
- Range approx. 15 km
- Own reference station or own reference signal is provided by the local dealer
- Highest possible repeatable accuracy

### **RTK NET**

- +/- 2 to 3 cm
- Correction signal via mobile phone network
- Dual-frequency signal
- Unrestricted working radius
- Highest possible repeatable accuracy
- Subject to licence

### **BASELINE HD**

- +/- 4 to 6 cm
- Mobile reference station
- Range 3 to 5 km
- Free of licence fees
- Internal correction signal
- Integrated rechargeable battery

### **OMNISTAR XP / HP / G2**

- +/- 5 to 12 cm
- Satellite-based correction signal
- Dual-frequency signal
- Subject to licence

### **EGNOS / E-DIF**

- +/- 15 to 30 cm
- Free of licence fees
- Base accuracy

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





## CLAAS SEQUENCE MANAGEMENT.

CSM headland management takes the load off you whenever you need to manoeuvre at the headland. By pressing a button, you can run any of the previously recorded functions.

CSM offers:

- Recording of up to four sequences per implement
- Sequence activation on CMOTION
- Sequence display on CEBIS
- Time or distance related recording
- Sequences can be changed or optimised retrospectively

The following functions can be combined in any order:

- Spool valves with time and flow control
- Four-wheel drive, differential lock
- Front and rear hydraulics
- Rear PTO
- Engine speed memory
- Cruise control value



# Perfect turning manoeuvres. CLAAS SEQUENCE MANAGEMENT.



## Easy to record and run.

Sequences can be recorded on a distance- or time-related basis. There is also an option of recording sequences when the machine is stationary. During recording, clear symbols allow the driver to follow the creation of the sequence step by step on CEBIS. A sequence that is running can be paused and restarted by simply pressing a button.

## Non-stop optimisation.

Recorded sequences can be changed and optimised subsequently. Steps can be added and deleted or changed and adapted in minute detail, allowing times, distances and flow volumes to be tailored to current conditions. A sequence that has been recorded for the first time can be refined down to the last detail as you work.



# The full picture all the time. TELEMATICS.



## All data in real time.

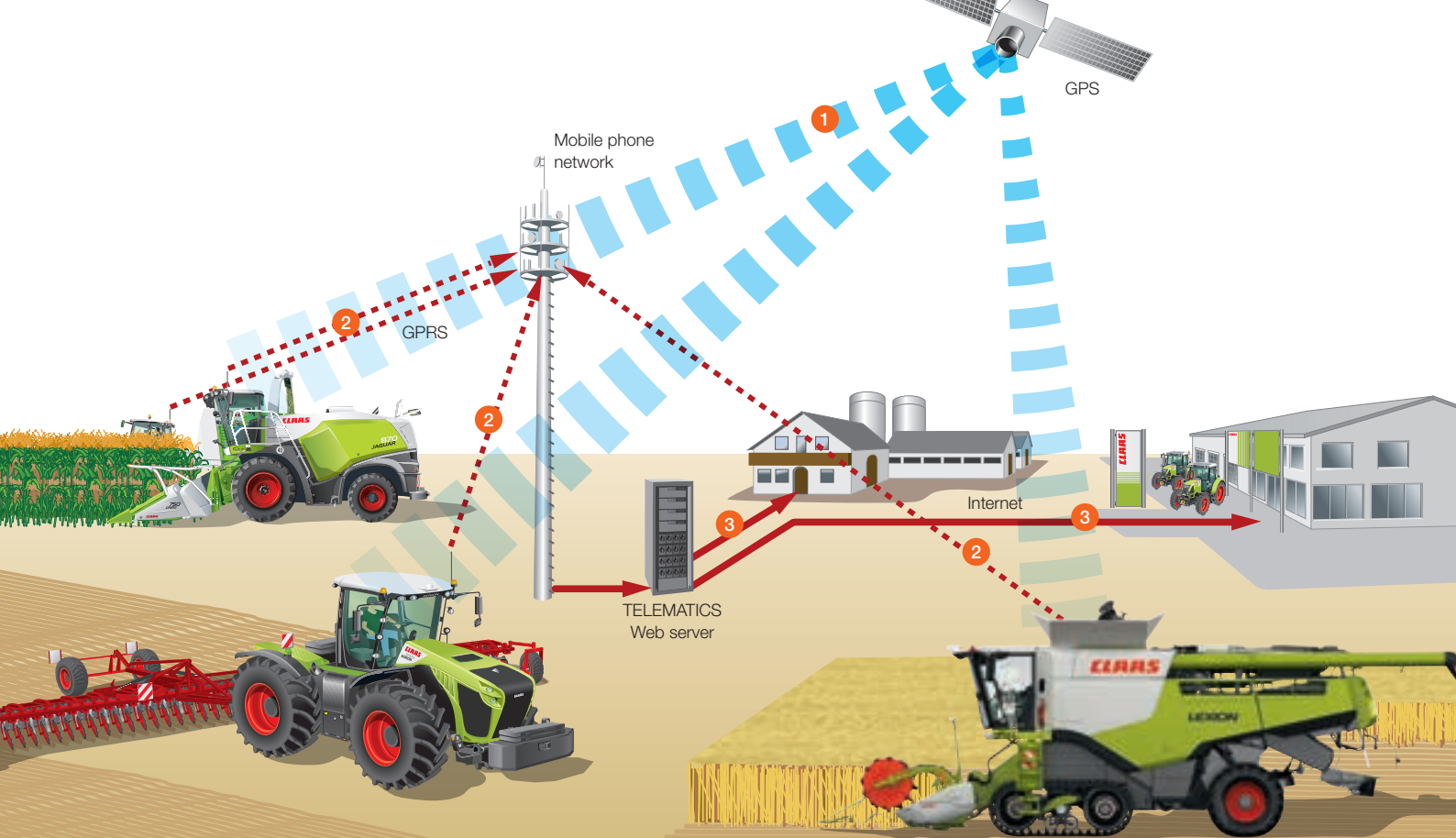
TELEMATICS enables you to monitor all your performance data and the position of your machine from any location, whether from the office or the workshop, wherever Internet access is available.

GPS positioning enables the exact location of the XERION to be determined, in the field or on the road. Even when you're on the move, you have full access to all the information you require via a mobile connection.

Monitoring, analysis and comparison provide the ideal basis for making sound business decisions to increase the capacity utilisation of machines for enhanced efficiency.

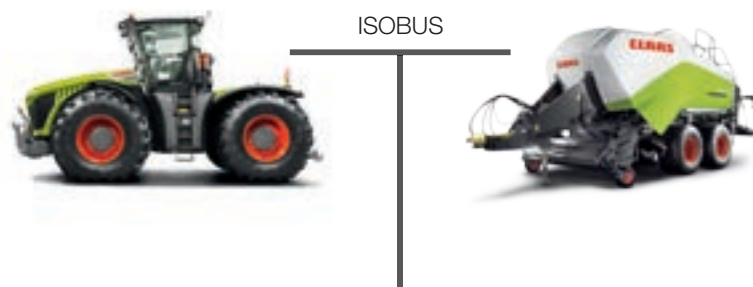






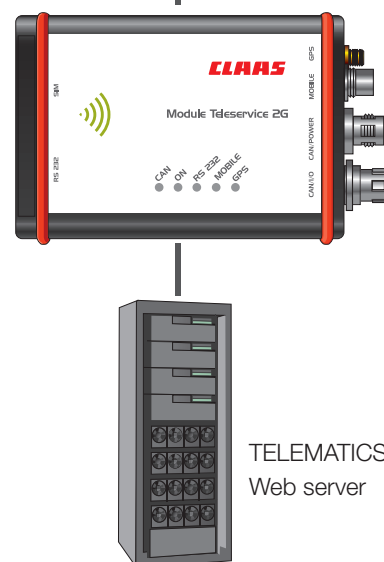
## TONI (TELEMATICS ON IMPLEMENT).

TONI is an extension of TELEMATICS. It enables the user to use data from the attached implement in addition to tractor data. The only requirements are that the tractor is ISOBUS-compatible and that the implement is controlled via ISOBUS.



## Good reasons to use TELEMATICS:

- Improve work processes: operating time analysis
- Optimise settings: remote monitoring
- Simplify documentation: data collection
- Faster servicing: remote diagnostics.
- Installed on the XERION as standard equipment



- 1 Machines receive signals transmitted by GPS satellites.
- 2 Machines send the GPS coordinates, machine-related performance data and reports to the TELEMATICS web server via the mobile phone network.
- 3 This data is directly accessible to farms or service partners via the internet.

TELEMATICS

Always ready for  
action.  
Maintenance and  
service.







**CLAAS**  
4000  
XERION



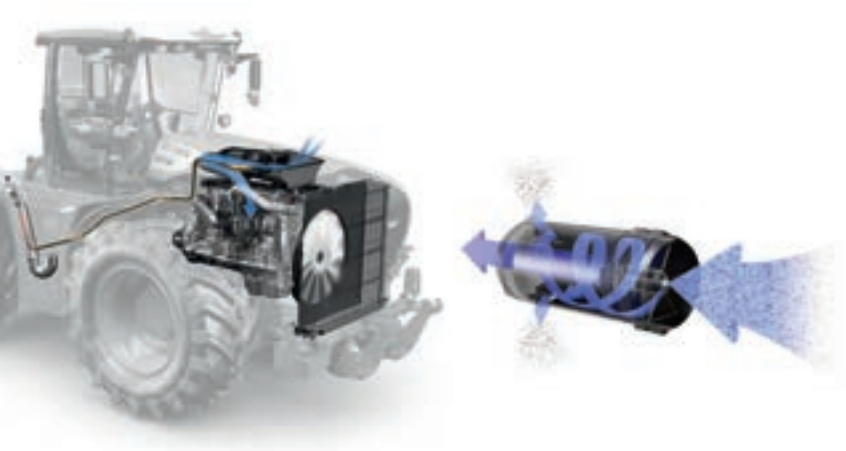




### Fast maintenance.

The XERION is highly impressive when it comes to its minimal maintenance requirements. For example, the service interval for transmission, hydraulic and axle oils is 1,500 hours.

When maintenance does become due, it can be carried out quickly and effortlessly. The engine oil filter is positioned within the full frame for easy access.



# Very fast. Maintenance.

## Unrivalled deployability.

- Oil-change interval for transmission, hydraulic and axle oil: 1,500 hours
- Easy access to engine oil filter
- The one-piece bonnet provides easy access to all service points
- The new engine air intake system increases the service life of the filter cartridge considerably
- The service status is displayed on the CEBIS
- Robust, easily accessible battery compartment
- Coolant reservoir can be accessed when the bonnet is closed

These features combine to make daily service and maintenance tasks much easier. This will help to preserve the value of your machine.



# Very close. CLAAS Service.

## Round-the-clock assistance.

You can count on the professionalism and dependability of our First CLAAS Service team every minute you are out on site. CLAAS importers and sales partners provide a full spare parts supply and reliable round-the-clock customer service worldwide.

## Service is close, even when it's far away.

With CLAAS TELEMATICS remote diagnostics, you gain valuable time, and so do we. Our service staff have direct access via the internet to all the performance and electronic data of your XERION, often enabling the problem to be solved remotely. If a service technician is required on site, we have all the necessary information in advance and can send any spare parts required right away.

## We speak the same language.

CLAAS dealers are highly trained and equipped with all the specialist tools required. Just as important is the fact that they also have an intimate knowledge of the workings of your farm or contractor business, and know exactly what you expect in terms of skill and reliability.

## We're there where you need us.

Our central spare parts warehouse delivers all CLAAS ORIGINAL parts quickly and reliably all over the world. The extensive network of CLAAS dealers ensures that they reach their destination as quickly as possible – wherever you happen to be.







## For peace of mind. CLAAS service products.

Increase reliability, minimise the repair and breakdown risk, base your calculations on predictable costs. With CLAAS service products you can create your own service package from a range of components. Three products are available:

- CLAAS post-harvest check
- CLAAS CARE
- CLAAS MAXI CARE

## 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



First CLAAS Service

# The XERION at a glance.





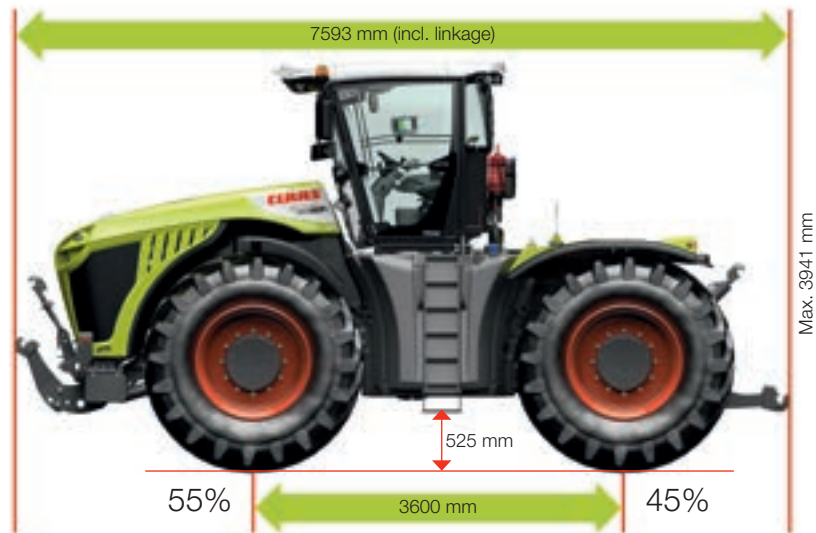
- 1 Mercedes-Benz engine OM 471 LA (XERION 5000 / 4500), max. 530/490 hp<sup>1</sup>  
OM 470 LA (XERION 4000), max. 435 hp<sup>1</sup>
- 2 One-piece bonnet
- 3 Hydraulically reversible fan
- 4 XERION 5000 / 4500: 930 l fuel tank,  
90 l urea tank;  
XERION 4000: 740 l fuel tank,  
optional 190 l auxiliary tank; 90 l urea tank
- 5 Bolted full frame
- 6 3,600 mm wheelbase with tyre diameters of up to  
2,160 mm
- 7 Up to six connections at the rear, optional 90 kW  
power hydraulics
- 8 Rated output available at the PTO:  
1,000 PTO rpm at 1,730 engine rpm
- 9 Front linkage with height and depth control
- 10 Ergonomic armrest and CMOTION multifunction  
control lever
- 11 Semi-active cab suspension (three settings available)

<sup>1</sup> In accordance with ECE R 120

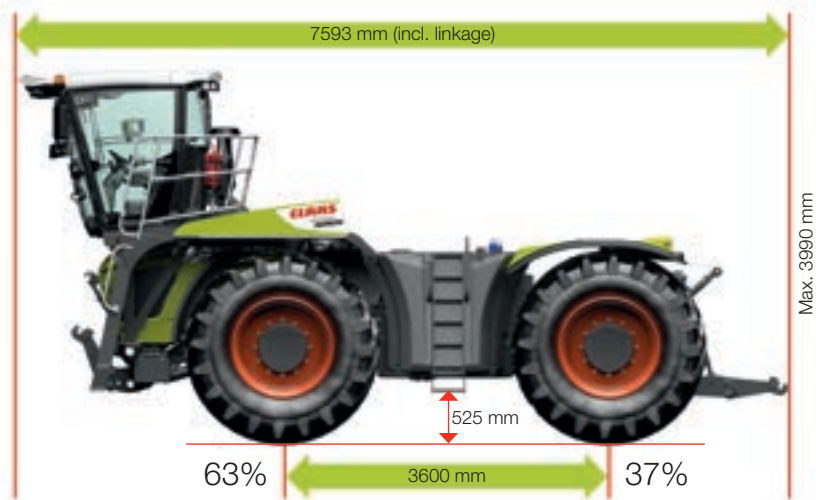


# Fit for the road.

## TRAC / TRAC VC



## SADDLE TRAC



# Outstanding features.

- Continuously variable transmission over 500 hp
- Efficient, high-performance drive train
- 50/40 km/h for rapid transfer between fields
- Fully roadworthy in all European countries
- Four equal-sized tyres up to 2.16 m in diameter (710 and 900 series) for perfect traction
- Large range of options for optimum customer-specific use, including the rotating cab
- Ergonomic operating concept with innovative CMOTION multifunction control lever
- Full output potential at low engine speeds
- Power hydraulics delivering max. 260 bar and max. output of 90 kW at reduced engine speed
- 1,000 rpm at the PTO at just 1,645 engine rpm
- 2¼" PTO stub for efficient power transfer
- Robust front linkage with continuous 8.1 t lift capacity
- Easy-to-adjust ballasting for optimal vehicle use
- TELEMATICS/TONI for professional documentation and service monitoring

# XERION

		5000	4500	4000
<b>Engine</b>				
Manufacturer		Mercedes-Benz	Mercedes-Benz	Mercedes-Benz
Number of cylinders/intake		6	6	6
Cubic capacity	cm <sup>3</sup>	12800	12800	10600
Nominal engine speed	rpm	1900	1900	1900
Lower engine idling speed	rpm	800	800	800
Upper engine idling speed	rpm	1976	1976	1976
Type approval value (97/68/EC) <sup>1</sup>	kW/hp	382/520	352/479	308/419
Output at nominal engine speed (ECE R 120) <sup>2</sup>	kW/hp	382/520	352/479	308/419
Max. output (ECE R 120) <sup>2</sup>	kW/hp	390/530	360/490	320/435
Max. torque (ECE R 120) <sup>2</sup>	Nm	2450	2300	2100
Fuel tank	l	740	740	740
Auxiliary tank (190 l)	l	●	●	○
Urea tank	l	90	90	90
<b>Electrical system</b>				
AC generator	V/A	150/24 + 240/12	150/24 + 240/12	150/24 + 240/12
Batteries	V/Ah	4 x 75 Ah, total 150/24, 150/12	4 x 75 Ah, total 150/24, 150/12	4 x 75 Ah, total 150/24, 150/12
<b>CMATIC transmission</b>				
Transmission type		Eccom 4.5 / Eccom 5.0	Eccom 4.5 / Eccom 5.0	Eccom 4.5 / Eccom 5.0
Transmission type		Hydrostatic-mechanical, split-power		
Output		Four-wheel drive, permanent	Four-wheel drive, permanent	Four-wheel drive, permanent
Max. speed	km/h	50/40	50/40	50/40
Longitudinal differential		Eccom 4.5: 100% lockable, lamella construction Eccom 5.0: rigid (without longitudinal differential)		
PTO speed	rpm	1000	1000	1000
Automatic PTO engagement/disengagement		●	●	●
<b>Powered steering axles</b>				
Differential locks		100% lockable, electrohydraulic actuation, lamella construction, with automatic function		
<b>Brakes</b>				
Service brake		Hydraulically actuated wet multi-disc brakes, auxiliary-power-reinforced, acting on all wheels		
Parking brake		Electrohydraulically released spring-loaded brake		
<b>Hydraulics</b>				
Max. hydraulic tank capacity	l	120	120	120
Max. drawable volume	l	80	80	80
<b>Main circuit (linkage, auxiliary spool valves)</b>				
Max. operating pressure	Mpa (bar)	20 (200)	20 (200)	20 (200)
Max. flow rate	l/min	195	195	195
Number of spool valves		Max. 7 rear, max. 3 front	Max. 7 rear, max. 3 front	Max. 7 rear, max. 3 front
Max. flow rate per disc	l/min	105	105	105
Max. hydraulic output total	kW	58	58	58

# XERION

		5000	4500	4000
<b>Power hydraulics (optional)</b>				
Operating pressure	Mpa (bar)	26 (260)	26 (260)	26 (260)
Max. flow rate	l/min	250 at 1650 rpm	250 at 1650 rpm	250 at 1650 rpm SADDLE TRAC: 250 at 1480 rpm
Max. hydraulic output total	kW	90	90	90
<b>Auxiliary hydraulics (optional)</b>				
Operating pressure	Mpa (bar)	20 (200)	20 (200)	20 (200)
Max. flow rate	l/min	80	80	80
<b>Hitch type</b>				
Automatic hitch, D38 pin, spherical	max. kg	Drawbar load 2000	Drawbar load 2000	Drawbar load 2000
Hitch with hitch ball, ball system 80	max. kg	Drawbar load 3000	Drawbar load 3000	Drawbar load 3000
D40, D50 variable drawbar	max. kg	Drawbar load 3000	Drawbar load 3000	Drawbar load 3000
Drawbar ball system	max. kg	Drawbar load 4000	Drawbar load 4000	Drawbar load 4000
Hitch ball	max. kg	Drawbar load 15000	Drawbar load 15000	Drawbar load 15000
Piton Fix	max. kg	Drawbar load 4000	Drawbar load 4000	Drawbar load 4000
<b>Front linkage</b>				
Category	Mpa (bar)	III N, double-acting	III N, double-acting	III N, double-acting
Continuous lift capacity	kN	81	81	81
Max. lift capacity	kN	84	84	84
Max. lifting range	mm	905	905	905
Selectable function		Raise, lower (press)	Raise, lower (press)	Raise, lower (press)
Control function		Position control, vibration damping	Position control, vibration damping	Position control, vibration damping
<b>Rear linkage</b>				
Category		IV N, double-acting	IV N, double-acting	IV N, double-acting
Continuous lift capacity / max. lift capacity / max. lift range	mm	100 kN / 136 kN / 763	100 kN / 136 kN / 763	100 kN / 136 kN / 763
Selectable function		Raise, lower (press)	Raise, lower (press)	Raise, lower (press)
Control function		Position control/draught resistance, vibration damping	Position control/draught resistance, vibration damping	Position control/draught resistance, vibration damping
<b>Dimensions and weights</b>				
Overall length including linkages	mm	7593	7593	7593
Overall width	mm	2490 to 3300	2490 to 3300	2490 to 3300
Overall height depending on tyres	mm	3791 to 3941	3791 to 3941	3791 to 3941
Wheelbase	mm	3600	3600	3600
Ground clearance depending on equipment	mm	375 to 525	375 to 525	375 to 525
Smallest turning circle	m	15	15	15
TRAC tare weight (with tyres/full tank/standard equipment)	kg	16570	16570	16170

● Standard ○ Optional □ Available – Not available

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<sup>1</sup> Performance data fit criteria for admissibility. Performance as per 97/68/EC is identical to 2000/25/EC. <sup>2</sup> Identical to ISO TR 14396.





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