

XERION 3300
SADDLE TRAC

CLAAS

XERION – the logistics
solution.



The challenge
is logistics,
the solution is XERION.





The challenge

Agricultural businesses are being confronted with ever greater logistic challenges. Enormous volumes of liquid manure, silage, grain or sugar beet have to be brought out into the field or harvested from the field.

Conventional means of transport are generally based on drawn multi-axle systems. The passive axles demand large pulling forces, particularly in poor weather conditions. When spreading liquid manure on pasture land, damage is sometimes caused by driving along the same track several times with large tonnages.

The solution.

With the XERION 3300 SADDLE TRAC, CLAAS is now bringing a system carrier vehicle onto the market that is up to this challenge.

- Its full frame design guarantees the highest possible load-bearing capacity.
- Four wheels of equal size and the enormous power of over 300 hp offer high pulling power while being gentle on the soil.
- The cab position above the engine offers huge space for mounted attachments.

Wherever heavy or large volumes have to be transported in the future, one system will be leading the way: The XERION 3300 SADDLE TRAC.





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Solitair 10

Its potential is
incomparable.
That's why it's in a field
of its own.



Arable farming
Arable farming
Fodder farming
Groundwork

Seed
Fertilisation
Forage harvesting
Liquid manure spreading

The XERION
in practice

One that is
completely
convincing.



XERION SADDLE TRAC with KAWECO 26 m³ trailer or after simply unhitching the trailer in use as a large tractor for soil cultivation.



You soon come up against your limits when spreading liquid manure.

A power solution that is still gentle on the ground, for example, is the XERION SADDLE TRAC with a 26 m³ drum from KAWECO in two-shift operation.

The benefits in day-to-day work.

- High performance in the logistic chain with truck delivery at the edge of the field.
- Depending on the application, up to 24 metres of trailing hose, linkages or soil tilling are possible
- Optimum weight distribution, hence extremely gentle on the soil with crab steering
- Low fuel consumption per cubic metre of liquid manure
- Complete emptying of the truck with one drum
- High working speed

“The XERION is incredibly powerful, it can do more than any other tractor. With Amazone Catros we were able to work at speeds of 14 to 16 km/h in the summer on the stubble field with moderate working in.”

“No matter what we are doing, we always use the crab steering as soon as we start working in the field.”

The XERION
in practice



In order to be able to spread 90,000 m³ of liquid manure per year appropriately and in line with crop requirements, three criteria are particularly important: Power, reliability of the machine and the service.

The benefits in day-to-day work.

- Spreading of liquid manure with 14 m³ Zunhammer mounted tank and a 7,500 l pump with suction tube
- Direct working of the manure into the ground, for example, with a 5 m wide Smaragd cultivator with three-point attachment
- Significant increase in power compared with conventional self-propelled machines
- If necessary, operation in two 8-hour shifts

“In 2005 our XERION ran for a total of 1,435 hours absolutely reliably and trouble-free.”

“The average fuel consumption was 0.44 l/m³ liquid manure.”

One
that
pays dividends.



XERION SADDLE TRAC with Zunhammer 14 m³
mounting in a variety of applications.

The XERION
in practice



Perfect detail in an unbeatable package.



One can pull more.





Four wheels up to 2.05 m in diameter
Full frame design
Maximum speed 50 km/h
8.8 litre Caterpillar six cylinder engine,

max. 335 hp/247 kW
Full 1,450 Nm torque
CVT transmission from ZF

More power
in the XERION

More effective pulling power thanks to the TRAC concept.



The challenge faced by the CLAAS engineers was as big as the XERION itself – to build a system carrier vehicle that transforms its enormous engine power into maximum hauling power while at the same time being gentle on the ground.

Larger ground contact area.

Four wheels, all the same size with a maximum 2.05 m diameter, provide for an enormous contact area with adapted tyre pressure. That reduces wheel slip and hence fuel consumption to values under 10% – no matter how the ground is. All-wheel steering maintains full manoeuvrability. Its smallest turning circle of 12 m (depending on the tyres) makes this powerhouse as agile as a car. The large mounting area behind the cab offers space for large and heavy loads, e.g. liquid manure.

With a trailer, the XERION takes up part of the load itself and thus has sufficient ballast to pull a large tank. At the same time it distributes the load uniformly between the driven wheels.



Load distribution with empty tractor. With a trailer with central ball coupling, a dynamic load distribution of 50% front and 50% rear is possible.

Four wheels, all the same size, 30 t permissible total weight for the XERION in the field, maximum tractive power and extremely gentle on the ground.



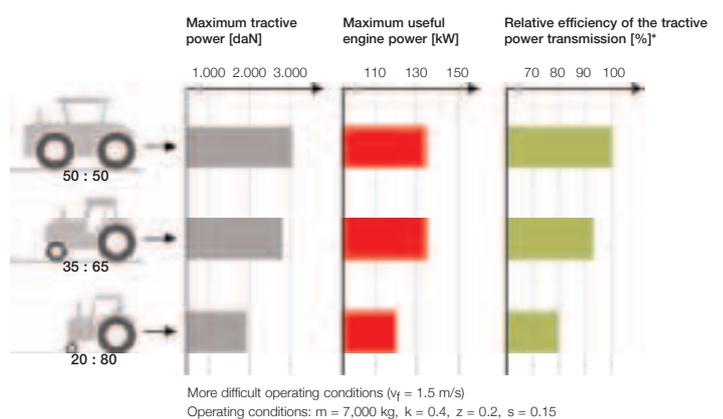
Higher permissible total weight.

Thanks to its full frame design, the XERION 3300 starts out in a totally different weight category. Its natural tare weight is 10.2 tonnes without wheels. For field operation the full frame permits a total weight of up to 30 tonnes.

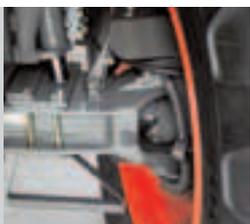
The ground contact area, total weight and uniform weight distribution of the XERION 3300 SADDLE TRAC ensure a clear superiority in traction and guarantee you more efficiency compared with a standard tractor.

Influence of tractor design and drive concept with identical total weight

Source: FAL Braunschweig, Prof. Dr. Harms



* 100% correspond to maximum efficiency



Hydraulic stabilisers (optional) guarantee high operational safety even with heavy extensions.

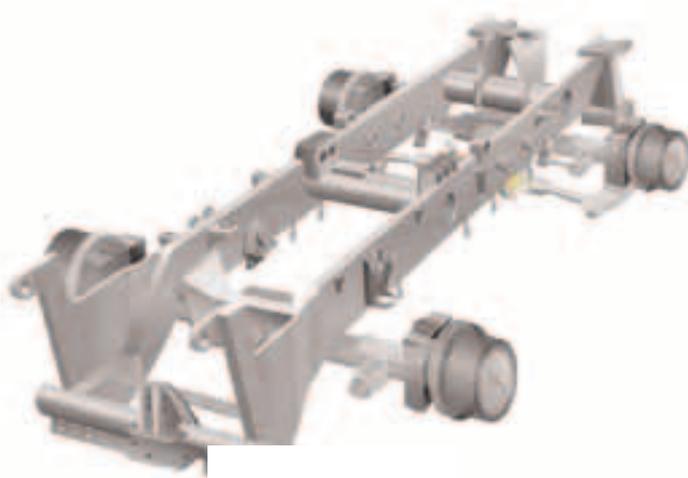
TRAC concept



A full frame offers crucial benefits.

In conventional tractors, the engine and transmission automatically have a supportive function due to the chassis construction. The XERION is different. The engine and transmission form part of the drive system, while the frame bears the loads of the extensions and absorbs torsional forces.

- 100% full frame
- Absorption of the total weight
- Simple design
- Engine and transmission mounted vibration-free
- Torsional forces are absorbed
- Trailer coupling mounted in the middle of the vehicle frame



Sturdy full frame, high load-bearing strength.



Centrally mounted trailer coupling with an unrivalled high towing load. The force is transmitted to the frame near the vehicle's centre of gravity.

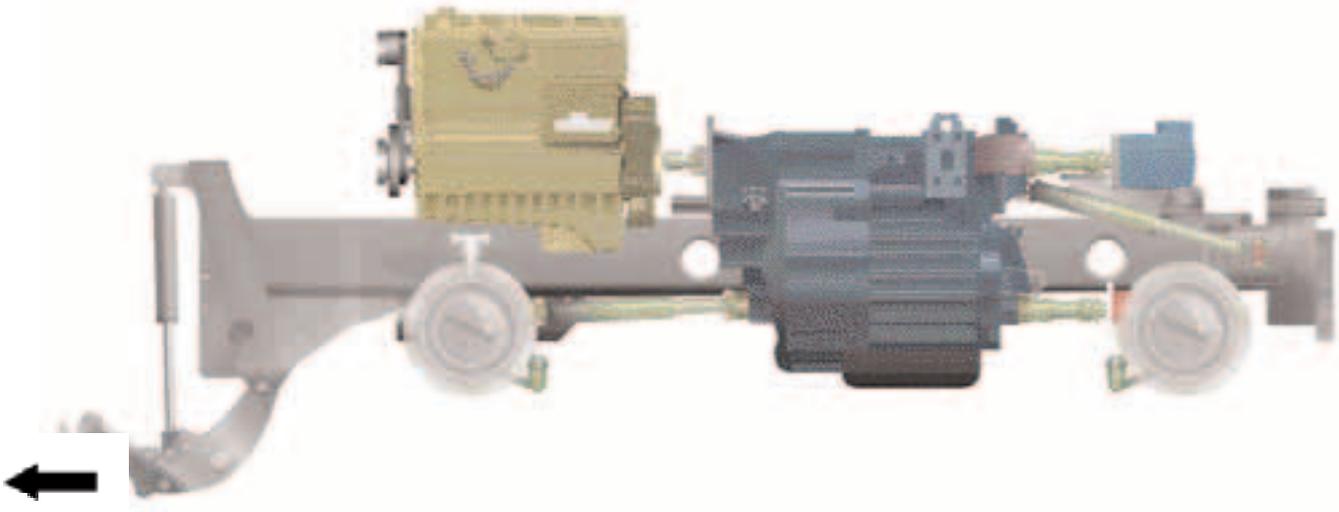
Only one bears the loads here: The full frame.

The direct route is the best route.

The XERION has permanent all-wheel drive with a clearly defined, simply configured drive train. The engine power is transmitted via a short drive shaft straight to the transmission. From there, direct drive shafts transmit the bundled power to both the front and rear axles and to the

PTO shaft. The drive train is lockable between the axles and within the axles.

The modular design and the separation of PTO and axle drive ensure maximum efficiency of the power transmission and offer clear benefits for day-to-day work: lower fuel consumption, long service life, optimum accessibility and simple maintenance.



Logical and direct drive train for efficient power transmission.

Full frame
Drive train

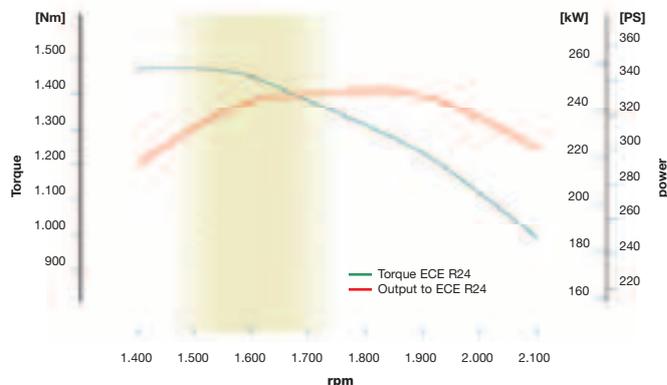
Only a clear drive train turns power into productivity.

Under the hood of the XERION 3300 you'll find two names that stand for uncompromising quality and strength. The powerful 8.8 litre six-cylinder engine comes from Caterpillar, the infinitely variable transmission from ZF.

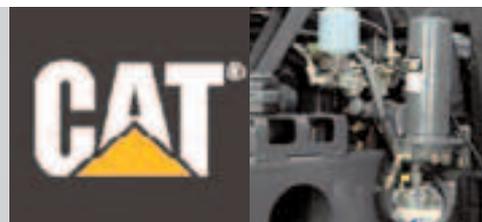
You'll move a lot with the XERION 3300 and have a great deal of driving pleasure in the process. The powerful six-cylinder engine from Caterpillar will ensure that:

- Maximum power of 335 DIN hp/247 kW between 1,700 and 1,800 rpm
- Wide constant power range between 1,400 and 1,900 rpm
- Enormous torque of 1,450 Nm at 1,500 rpm

Engine curve Xerion 3300 with CAT C9



8.8 litre six-cylinder Caterpillar engine.
Saves fuel and runs on biodiesel, if required.
The CLAAS BIOCARE certificate guarantees trouble-free operation with RME.



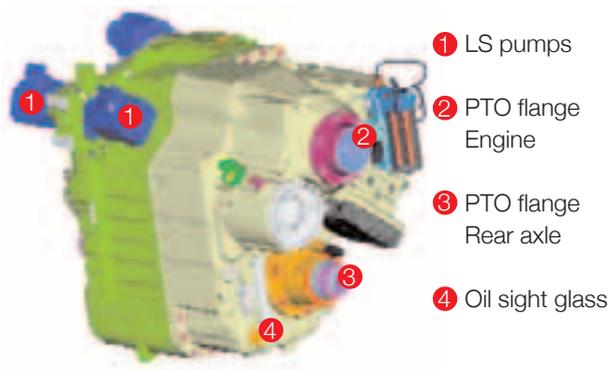
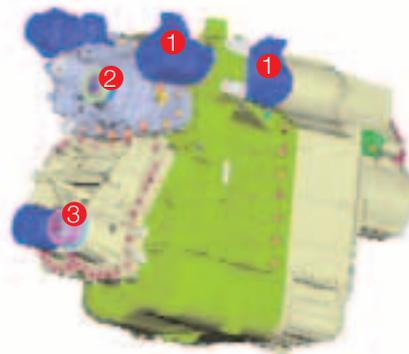


ZF offers the strongest power splitting transmission currently available on the market: the fully reversible, infinitely variable ZF Ecocom 3.5 transmission.

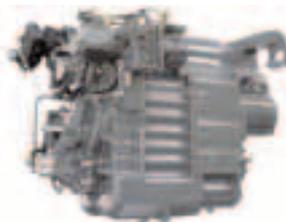
- Permanent all-wheel drive
- Comfortable starting and changing of directions at the push of a button
- Automatic switching of the four speed ranges in both directions of travel
- Smooth gear shifting between 0 and 50 km/h without interruption in the power transmission
- 1,500 hour oil change interval

50 km/h are reached at a fuel-saving 1800 rpm (depending on the tyres), and enormous tractive power is available even in this speed range. Two LS pumps are directly flanged to the transmission, The additional power take-off for the power hydraulics is mounted directly on the transmission and supplies further power to external consumers such as, e.g. a liquid manure trailer.

- ① LS pumps
- ② PTO flange
Power takeoff
- ③ PTO flange
Rear axle



The fully reversible, infinitely variable transmission from ZF ensures a highly efficient transfer of the engine power.



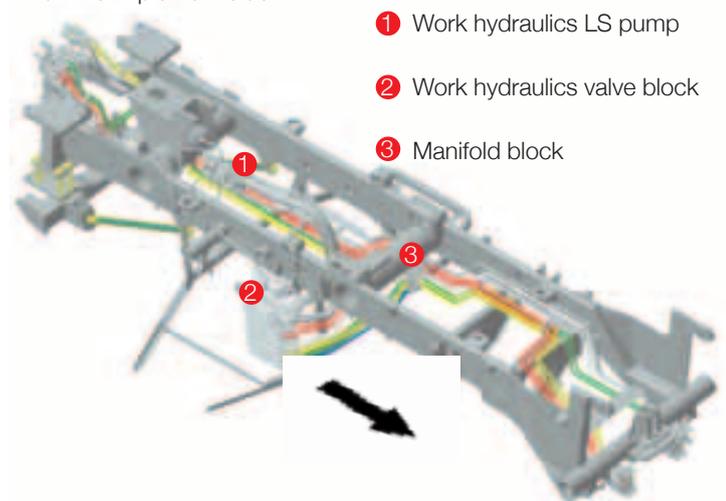
Engine
Transmission

Its work hydraulics cope with everything.

The impressively powerful hydraulic system is completely controlled via CEBIS and guarantees that practically nothing is too heavy for the XERION 3300 in day-to-day operation. The front PTO has a maximum capacity of 8 tonnes, the rear PTO 12 tonnes. A special power flow ensures that full power is immediately available at the rear hydraulics when lifting from the ground.

Two powerful axial piston pumps lie at the heart of the load sensing system. One pump supplies the work hydraulics and the other the tractor – for example, the steering – each with 200 bar operating pressure and 150 litres of oil a minute.

Up to four spool valves can be connected at the front and the rear. The hydraulic couplings enable the straight-forward and leak oil-free connection of implements, irrespective of whether pressure is available on the tractor or on the implement side.

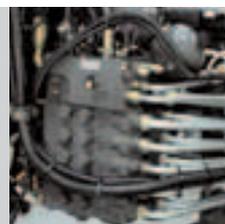


- ① Work hydraulics LS pump
- ② Work hydraulics valve block
- ③ Manifold block

One LS pump for the supply of the work hydraulics.
One LS pump for the supply of the steering.



The manifold block is mounted in the middle and permits quick and direct connection of the attachments.



Valve block.



Up to 5 spool valves are possible at the rear.

Work hydraulics



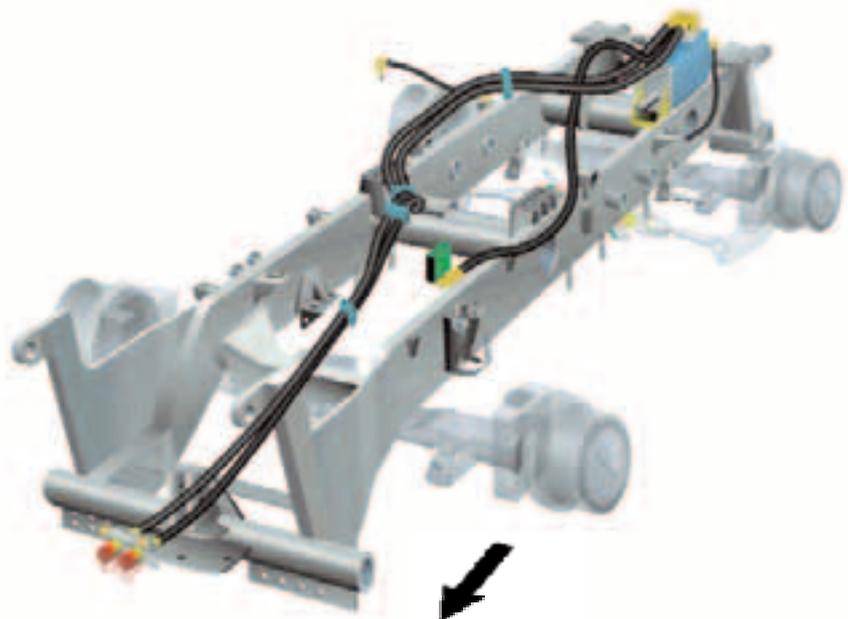
Pick up liquid manure at low engine revs but maximum delivery simultaneously; here: 14 m³ in less than 2 minutes at an engine speed of approx. 1,400 rpm.

Its power hydraulics make it even more flexible.

On request you can equip the XERION with an additional third hydraulic circuit, the power hydraulics.

The optional high-performance hydraulic system develops an enormous 260 bar working pressure and a delivery rate of 235 l/min. The maximum power is roughly 90 kW.

Together with the power take-off on the ZF transmission, they form the basis for a wide range of different special applications and additional attachments with which you can carry out a range of other operations for the XERION.



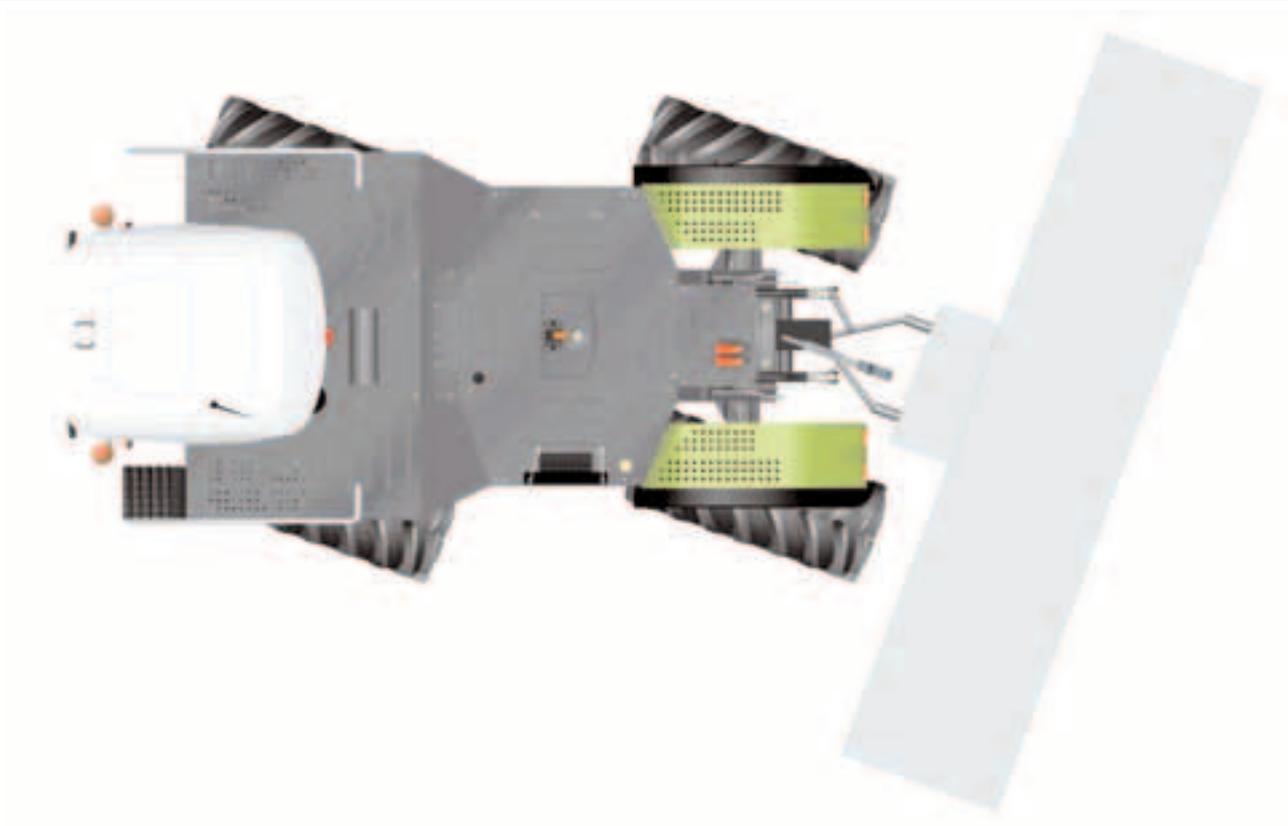
Rear power hydraulic connectors.



Front power hydraulic connectors.

Power hydraulics
Power take-off

Don't damage the grass.



Four wheels of equal size, up to 2.05 m in diameter, and nevertheless a turning circle of only 12 metres.





Intelligent four-wheel steering.

There are occasions when even the biggest want to be very small: when turning. Depending on the tyres, it surprises its driver with an extremely small turning circle. The XERION thus achieves a unique manoeuvrability for a large tractor.

It owes its enormous manoeuvrability to the intelligent four-wheel steering. As soon as the driver locks the steering, the rear axle is steered automatically. This automatic function can be deactivated at any time and the rear axle controlled easily by moving the joystick. Numerous other steering variants are therefore possible.

Slow speed.

At slow speed, you drive with the front and rear axles offset. This avoids the multipass effect and – particularly important when spreading liquid manure on grassland – is particularly gentle on the ground.

Swivelling rear PTO.

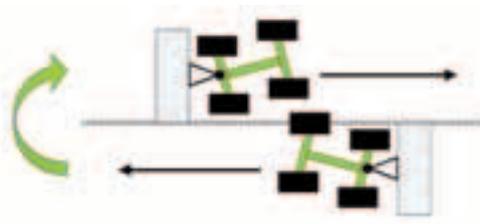
The optional swivelling PTO at the rear of the XERION for loads up to 3.5 tonnes permits a swivel angle of up to 15° to both sides. Liquid manure injectors and similar attachments can thus be swivelled while driving with crab steering in order to cover the area driven over. A simple conversion allows category 2 and category 3 attachments to be connected.

Single-sided crab steering.

If you are working on a slope with crab steering engaged on one side, the offset axles reliably ensure that the tractor does not slip.

One-point turning.

At the end of the field, the XERION recognises that you want to turn around based on the turn angle of the steering wheel. The rear axle is automatically steered at the same time. The all-wheel steering thus permits turning in a minimum of space while still being gentle to the ground.



Gentle steering methods
Crab steering



One offers more.



New comfort cab
Intuitive operation

CEBIS
Automatic air conditioning

More driving comfort
in the XERION

Space is the
essence of
this workplace.



Do more in a minimum of time with
less machines.

Thanks to this strategy, contractors can today operate profitably and remain competitive. This automatically results in ever more powerful and more flexible machines – and presents our engineers with a completely new challenge. How can the driver exploit the machine's maximum potential with a minimum of effort?



An ISO plug socket is available both at the front and rear of the tractor and in the cab. This eliminates the time-consuming laying of cables from the attachments and the connections are quickly made.



The ISOBUS plug socket is used for communication with external appliances.



The workplace has a key role in this interplay between man and machine. The XERION offers a completely new cab concept.

- Generously dimensioned, large windows, comfortably equipped
- Perfect view thanks to the cab position over the engine
- No engine, fenders or instrument panel to block the view
- Mechanical cab suspension, pneumatic suspension available on request
- Telescoping steering column pivots and adjusts into three different positions
- Driver's seat can be turned by 20° to either side
- Easily accessible pedals and adequate legroom in any seat position
- Preparation for radio and telephone
- Vibration-free bracket with power supply for quick installation of external operating units (slurry tanker control terminal)



New comfort cab
Steering column adjustable to three positions
Swivelling driver's seat

New comfort cab



CEBIS from CLAAS

- Monitoring of all machine functions
- Hectare meter
- Hourmeter
- Total fuel consumption
- Fuel consumption per unit of area
- Fuel consumption per unit of working time
- Engine monitoring
- Maintenance intervals and warnings
- Printer

CEBIS II operating terminal with direct access to all machine settings

Operation of automatic air conditioning, lights, mirror adjustment, radio, access to cool box

Even a
great deal of
technology
is under
fingertip control.



The flexibility of the XERION is reflected not only in the fact that the machine has a wide range of applications, but also that it is easy to operate. Get in and start driving – you'll be operating the XERION intuitively in no time at all.

The XERION copes with the toughest work, yet drives as easily as a car with automatic transmission. All you operate is the accelerator pedal; the power injection regulates the fully electronic engine and transmission system. The ergonomic multifunction control lever allows you to control all machine functions at the simple push of a button. The cruise control button is within easy reach on the ground speed control lever and helps you to maintain constant set speeds. After turning, it immediately sets the desired speed again.

CLAAS had already set new standards with the introduction of the CEBIS system in the LEXION. The further developed CEBIS in the XERION is based on this proven technology. All information is easily accessed via a rotary knob. The operator terminal is clearly structured with intuitive control elements. Its large and easy-to-read colour monitor displays the settings of all the machine data at a glance. You can access and modify the settings directly whilst working

Comfortable driving like a automatic car.



Multifunction control lever
CEBIS
Cruise control

By the evening,
the work is
finished,
but you are not.



Productivity increases when the driver can concentrate fully on his work. We have therefore ensured that practically nothing can enter the cab that can distract you from your work.

Thanks to the good insulation, dust and noise are kept out. The vibration-free suspension of the cab (with pneumatic suspension on request) reliably absorbs even the roughest bumps. The vibrations of the machine are therefore transmitted neither to the cab nor to the driver.

In the cockpit, a powerful automatic air conditioning system ensures a pleasant working environment inside the cab – all year round. The best place to keep your food and drink is underneath the passenger seat. The large cool box offers adequate space and is powered by a separated supply system.





There's no stopping a XERION.

For the XERION, the day finishes when the work is finished. No matter how long it takes. With this machine you can work just as efficiently at night as during the day. Its headlamp system provides optimum illumination of the working area. Apart from the driving lights, the XERION is equipped with up to six front and four rear working lamps as standard. On request you can also equip it with two additional xenon headlamps at front and rear. Headlamps for side illumination are also available.

Cab suspension
Lighting concept
Automatic air conditioning
Cool box



Depending on the working conditions, you can drive the XERION in one of four modes. The desired mode is easy to select via CEBIS.

- **AUTOMOTIVE mode**
You just operate the accelerator pedal. Driving the XERION is just as easy as driving a car with automatic transmission.
- **CRUISE mode**
The cruise control button on the ground speed control lever ensures a constant speed forwards and backwards.
- **MANUAL mode**
Engine speed and transmission ratio are selected independently via the pedal and the ground speed control lever.
- **E-GAS mode**
This mode is employed in the field and is activated automatically at a constant set engine speed. The ground travel speed is controlled only via the change in transmission ratio.

XERION SADDLE TRAC with KAWECO separating trailer in AUTOMOTIVE mode.
XERION TRAC VC with DISCO 8550 in E-GAS mode.





The right strategy for every application.

When it's not in motion, then it's as steady as a rock. On slopes, the XERION is held in standstill position by the transmission, without the need to apply the brake.

Inch pedal

Ideal when turning at the end of the field: A simple press of the inch pedal and the XERION 3300 automatically reduces its speed. When the driver takes his foot off the inch pedal again, the XERION 3300 accelerates to its previous speed once more.



Driving strategies

One can do more.





Zunhammer liquid manure body
KAWEKO liquid manure trailer
Samson liquid manure trailer

Lemken drilling technology
Attachment space
Tyre specifications

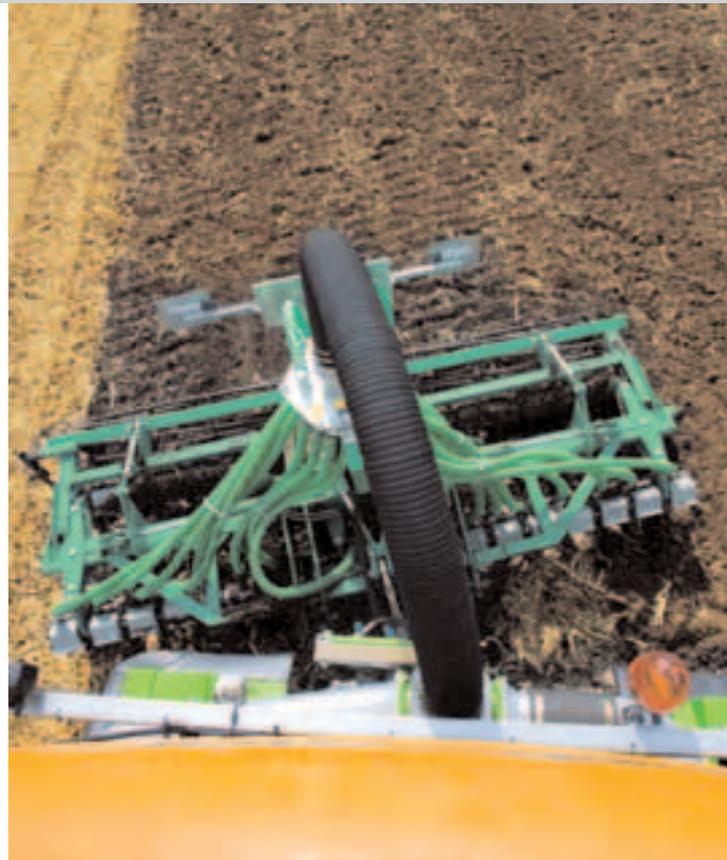
More flexibility
in the XERION

The powerhouse fits under any tank.

The new XERION 3300 SADDLE TRAC and the Zunhammer tanks with their lightweight plastic tanks are the ideal combination for spreading liquid manure.

- Tank volumes of 10, 12, 14 or 15 m³
- Complete operation of all functions via the ground speed control lever
- Spreading rates of up to 120 m³
- Attachment of disc cultivator, trailing hose slurry applicator, disc injectors and other equipment presents no problems.

Added to this are the power hydraulics of the XERION that guarantee a constant high pump delivery rate and the crab steering system with which the driver can work the liquid manure into the ground without leaving the familiar deep ruts in the field.





Zunhammer
liquid manure body



In front the XERION 3300 SADDLE TRAC, behind a 26 m³ liquid manure trailer from KAWECO – with these, hourly rates of 100 m³ and more are possible when spreading liquid manure.

- Unique from CLAAS: central ball in the middle of the vehicle for quick attachment and removal of the drum
- Ball with 110 mm diameter and max. towing capacity of 15 tonnes
- Central lubrication system can be operated from the cab
- Drive of the pump technology via the power hydraulics

Further benefits apart from the savings in time are the enormous manoeuvrability of the vehicle and the high tractive force for direct working in. All common attachments for liquid manure spreading can be employed.



Hourly rates
of 100 m³
are no problem.



KAWECO
liquid manure trailer

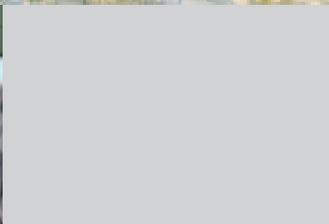
As a team
they can hardly
be beaten.

Efficiency when spreading liquid manure is a question of size. The Danish manufacturer Samson offers a semi-trailer drum with a capacity of 26 m³.

- Drive of the pump system via the PTO
- Drive with hydraulic motor and hydraulic oil reservoir in the rear of the XERION
- All common attachments for liquid manure spreading are possible

Despite its size, this combination impresses with enormous manoeuvrability and gentleness on the ground. If the XERION is driven with crab steering, the wheels of the tanks run exactly between the tracks of the XERION wheels.





Samson liquid
manure trailer



Do as much as possible at the same time.

The motto is: Save time, cut costs, be gentle to the soil.

The XERION has more than enough potential to handle three work processes at once in a single pass with the Lemken drill combination:

- Soil compacting with the packer
- Seed bed preparation with the circular spike harrow
- Drilling cereals or laying maize with a maize sowing machine
- Quick filling with an auger
- Minimum fuel consumption by comparison with other systems

At a working speed of 15 km/h and 6 m working width, area working rates of around 8 ha is easily possible. And always on board: The huge seed tank with a capacity of 5.5 m³. It was slightly modified by Lemken to fit perfectly on the XERION. During maize sowing, the large tank serves as a fertiliser reservoir.



Lemken drilling technology

Build on its enormous potential.

The cab position at the front above the engine offers optimum mounting possibilities for practically every field of application.

The XERION 3300 SADDLE TRAC can be easily packed with many kinds of trailers, liquid manure tanks, seed tanks and more.

So it's hardly surprising that the XERION is not only successfully employed in agriculture but also proves its strength and capability in forestry, in communal and road construction and even in the RWE open-cast mines.



The XERION SADDLE TRAC also offers all the standard trailer hitches such as drawbar coupling, various swinging drawbars or ball hitches.



Attachment space



Tyre variants for every application.

| | Track width in mm | Vehicle width in mm | Type Continental | Michelin | Goodyear | other |
|---------------------------|----------------------|------------------------|---------------------|----------|--------------------|---|
| 540 | | | | | | |
| 540/80 R38 172A8, 167D | 1.962 | 2.512 | | | DT 812 | Nokian |
| 650 | | | | | | |
| 650/75 R32 172A8, 169B | 2.100 | 2.760 | AC 70 G | MEGAXBIB | DT 822 | |
| 650/75-38 168A8, 165B | 2.132 | 2.782 | | | | Nokian – FOREST KING T SF |
| 650/85 R38 173A8, 173B | 2.240 | 2.930 | | MEGAXBIB | DT 824 | Kleber – TOPKER |
| 710 | | | | | | |
| 710/70 R38 166A8, 163B | 2.240 | 2.955 | AC 70 | XM 28 | DT 824 | Kleber - SUPER 15 / Pirelli - TM 800 |
| 710/70 R42 173A8, 173B | 2.240 | 2.975 | | XM 28 | DT 824 | Pirelli - TM 900 HP |
| 800 | | | | | | |
| 800/65 R32 172A8, 169B | 2.162 | 2.975 | AC 70 G | MEGAXBIB | DT 822 (Grass) STR | |
| 800/70 R38 173A8, 173B | 2.290 | 3.100 | | MEGAXBIB | DT 830 | |
| IF 800/70 R38 179A8, 175D | 2.162 | 2.996 | | Axio Bib | | |
| 900 | | | | | | |
| 900/60 R32 176A8, 173B | 2.280 | 3.190 | SVT | MEGAXBIB | DT 830 | |
| 900/55 R32 173A8, 170B | 2.280 | 3.195 | | | DT 830 | |
| 900/50 R42 168A8, 168B | 2.400 | 3.300 | | MEGAXBIB | DT 830 | |
| 900/60 R38 172A8, 169B | 2.400 | 3.260 | SVT | | | |

Perfect traction and gentle on the soil: Large volume tyres with maximum contact area.



Big feet
take you
further.

Perfect traction built-in.

Optimising the traction of a conventional tractor is a matter of its own. The machine can't drive on the road with dual wheels. Any anyone who has ever installed the enormous wheel weights will never want to take them off again. With the result that standard tractors are often incorrectly ballasted.

Right from the start, there's no need to fit expensive dual wheels on the XERION, which means you also save on the excessive time needed to fit them. The four equal-sized wheels with their large-volume tyres offer practically the same contact area as caterpillar tractors, but with the better tread traction.



Tyre specifications

Service intervals extended, costs reduced.

The development of a machine combining maximum power with minimum maintenance has always been an art mastered perfectly by CLAAS engineers. The XERION 3300 SADDLE TRAC is no exception here.

Engine oil changes are due only every 500 hours. The transmission oil only has to be changed after 1,500 hours. All maintenance points are quick and easy to reach. The air filter is easily accessible in the right-hand area between the axles. The generously dimensioned radiator is practicably positioned and easy to reach for cleaning. The hydraulic system offers outstanding accessibility.



Quick, easy, problem-free: Air filter changing on the XERION.



During the harvest, every minute counts. Even other time windows, such as for sowing or liquid manure spreading, are relatively tight. A machine that breaks down here threatens your productivity.

The engine and transmission on the XERION are among the best available on the market at present. In addition you will find technical detail solutions that are not only perfectly designed but also manufactured so sturdily that the service intervals for the XERION are extremely long.

Easily accessible: Storage area for tools outside the cab.



Maintenance



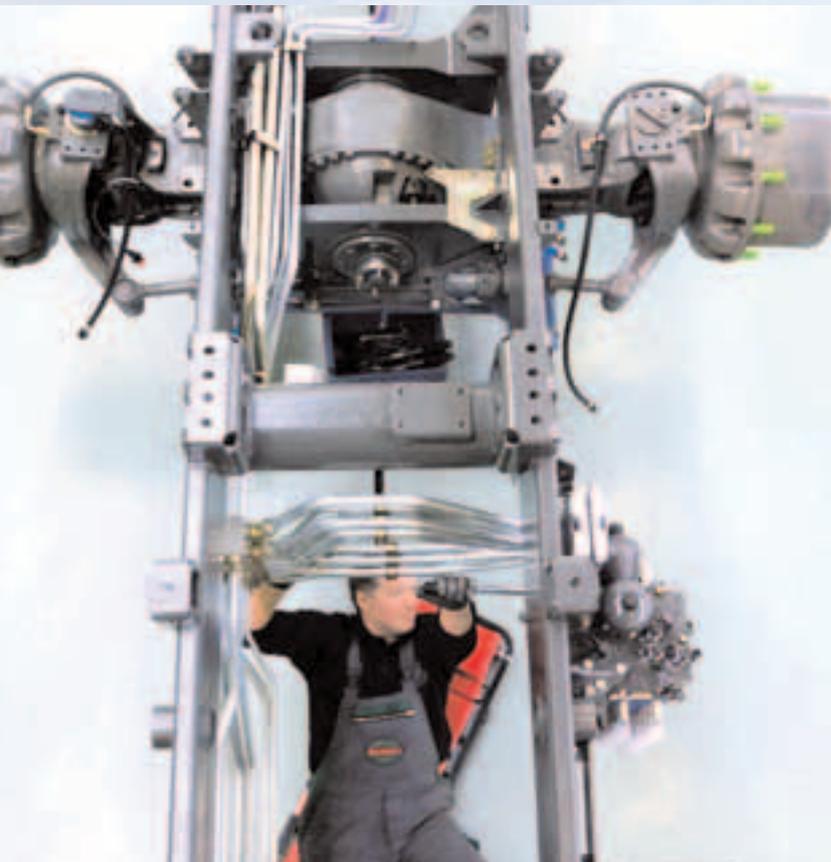
A large combine harvester is shown in a field at sunset. The sky is a mix of orange, yellow, and light blue, with the sun low on the horizon. The harvester is in the foreground, with its rear and side visible. The background shows a line of trees and a field.

One gives you security.

Series production
FIRST CLAAS SERVICE®

Technical data
Arguments

The XERION in detail



The quality of the XERION is convincing more and more customers.

The rapidly growing numbers since the market launch of the XERION demand series production. CLAAS has reacted quickly and installed a production line in the main works in Harsewinkel in Westphalia specially for the XERION. The modern assembly shops offer all the present-day standards for assuring quality. Motivated employees will stand for CLAAS quality even in the future in order to meet the demands of our customers.

Quality in series.



Series production

We don't just promise
service at CLAAS,
we provide it.



You can build on the professionalism and reliability of our FIRST CLAAS SERVICE® team with every minute of operation. CLAAS importers and sales partners provide optimum spare parts supply and reliable round-the-clock customer service worldwide.

A good feeling of security. Increase the operational reliability, minimise the risk of repairs.



We are where you are.

You can rely on us to supply your business with the necessary spare parts at any time. Our central spare parts store supplies all ORIGINAL CLAAS parts quickly and reliably worldwide. The large number of CLAAS partners guarantees that they reach their destination in the shortest possible time – no matter where you happen to be!

We speak the same language.

CLAAS sales partners are some of the world's most efficient agricultural companies. Not only are they perfectly trained and equipped with specialist tools, but they also have intimate knowledge of the workings of your farm and your expectations regarding competence and reliability.

We make reliable diagnoses.

The many years of experience of our service specialists in conjunction with the latest diagnostic systems such as CDS 5000 guarantee you the fastest troubleshooting and reliable configurations and updates of CEBIS.



FIRST CLAAS SERVICE®

So what can the
XERION 3300 SADDLE TRAC
do for you?







Technical data.



XERION 3300 SADDLE TRAC

Caterpillar 6-cylinder, turbo, charge air cooler

| | |
|--|---------|
| Displacement (cm ³) | 8.800 |
| Rated speed (rpm) | 2.100 |
| Power rating (kW/DIN hp) at 2,100 rpm in accordance with ECE-R-24-03 | 224/305 |
| Power rating (kW/DIN hp) at 1,700-1,800 rpm in accordance with ECE-R-24-03 | 246/335 |
| Max. torque (Nm) at 1,500 rpm | 1.450 |
| IFuel tank capacity (litres) | 620 |

Transmission ZF ECCOM 3.5, infinitely variable ground travel drive CVT

| | |
|---|--|
| Maximum speed in both directions (km/h) | 50 |
| Rear PTO with 1,000 rpm, PTO shaft | 1 ³ / ₄ " (20-piece and 6-piece) |
| Longitudinal differential | 100% lockable, disc-type |

Driven steering axles

| | |
|--------------------|--|
| Differential locks | 100% lockable, electro-hydraulically actuated, disc-type with automatic function |
|--------------------|--|

Chassis

| | |
|----------------------------------|--|
| TRAC concept | Four wheels of equal size. |
| Steering | All-wheel steering, front wheel/rear wheel steering, crab steering |
| Weight distribution (front/rear) | 60 % / 40 % |
| Ballasting (t) at 50 km/h | up to 18 |

Brakes

| | |
|---------------|---|
| Service brake | Hydraulically actuated wet disc brake, servo assisted, acting on all wheels |
| Parking brake | Electro-hydraulically released spring pressure brake |

Hydraulic system

| | |
|---------------------------------------|-----|
| Max. hydraulic tank capacity (litres) | 130 |
| Max. drawable volume (litres) | 80 |

Main circuit (PTO, auxiliary spool valves)

| | |
|----------------------------------|--------|
| Max. working pressure (MPa/bar) | 20/200 |
| Max. pump capacity (l/min) | 150 |
| Number of auxiliary spool valves | max. 5 |
| Max. flow rate per valve (l/min) | 110 |
| Max. hydraulic power (kW) | 45 |

Power hydraulics

| | |
|---|----------|
| Working pressure (MPa/bar) | 26/260 |
| Max. system pressure (MPa/bar) | 29,5/297 |
| Max. delivery at rated speed of 2,100 rpm (l/min) | 235 |
| Max. power output (kW) | 90 |

Connecting device (all loads indicated in kg)

| | |
|---|--------|
| Automatic trailer hitch, pin D38, crowned | 2.000 |
| Ball trailer hitch, ball system 80 | 3.000 |
| Piton Fix hitch | 3.000 |
| Ball system 80 hitch | 4.000 |
| Short swinging drawbar pin D40, D50 | 3.000 |
| Ball system 80 swinging drawbar | 3.500 |
| Ball hitch behind cab 110 mm | 15.000 |

Front hitch Category III, double-acting

| | |
|--|--------------------------------------|
| Lifting force continuous (kN)/Lifting force max. (kN)/Lifting distance max. (mm) | 70/82/841 |
| Switching function | Lifting, lowering, floating position |

Rear hitc Category III, double-acting

| | |
|--|--|
| Lifting force continuous (kN)/Lifting force max. (kN)/Lifting distance max. (mm) | 115/117/756 |
| Switching function | Lifting, lowering (pushing), floating position |
| Control function | Position/traction resistance, float stopping |

Weights and dimensions

| | |
|--|--|
| Overall length without front weights (mm) | 6.630 |
| Overall width (mm) | min. 2.490 |
| Overall height, depending on tyres (mm) | 3.930 |
| Wheel base (mm) | 3.300 |
| Ground clearance, depending on equipment (mm) | 32" wheel rim diameter 470 mm, 42" wheel rim diameter 570 mm |
| Smallest turning circle (m) | 12 |
| Tare weight (depending on equipment, without tyres) (kg) | 10.200 |

XERION variants

| | |
|--|---|
| XERION 3300 TRAC | Tractor with cab in the middle |
| XERION 3300 TRAC VC | Rotating cab with two positions (middle and rear) |
| XERION SADDLE TRAC | Cab at the front above the engine, large mounting area behind the cab |
| Optional ball in the middle for trailer hitch (mm) | 110 |

CLAAS always strives to adapt its products in line with the demands of practical use. Specifications are therefore subject to change. All specifications and illustrations are approximate and may include non-standard equipment. This brochure was printed for use world-wide. Please refer to the price list of your CLAAS dealer for details on available equipment. In some photographs, protective panels may have been removed in order to explain a feature. All machines are delivered in accordance with current machine regulations.

One that convinces with strong arguments.

- System carrier vehicle with enormous pulling power
- Highly flexible seasonable self-propelled vehicle
- Full frame design for maximum load handling strength
- TRAC concept with four tyres of equal size – up to 2.05 m
- 8.8 litre six cylinder engine from CAT with max. 247 kW/335 DIN hp
- Maximum torque of 1450 Nm
- The most powerful split power transmission on the market from ZF
- Permanent four-wheel drive, lateral differential, transverse differential
- 50 km/h even at fuel saving, reduced engine speeds
- Cruise control
- Powerful work hydraulics with enormous lifting power
- Optional power hydraulics
- Rear PTO swivels 15° in both directions (optional)
- Four-wheel steering for maximum manoeuvrability
- Crab steering low ground pressure
- New spacious cab
- CEBIS colour monitor – intuitive operation after a short time
- Seat rotates eccentrically by 20 degrees
- FIRST CLAAS SERVICE® around the clock



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