

XERION 3300 / 3800
TRAC / TRAC VC

CLAAS

Master of all Trades.







One can do more.

Productivity is the key for being competitive. Productivity means success, success means growth. As large-scale operations farm more land and contractors take on more jobs and customers, they suddenly reach the critical size. However, on the one hand the overall acreage is not large enough as yet to justify the investment in a self-propelled machine, while on the other it is already far too large to use the 300hp tractor for profitable farming.

There is one machine that takes the challenge – XERION from CLAAS. This is the machine to achieve high acreages, high productivity and cost effectiveness. Users around the world and from a wide variety of farming operations appreciate the concept, technology and versatility of this machine.

Today, XERION is an established fixture in the farming world. Take the time to meet this machine. It is worth every minute.





More power.

- The well-proven TRAC concept (weight distribution 53 % on front axle, 47 % on rear axle) warrants maximum traction and optimum soil protection. **Page 12**
- Choice of two horsepower versions (340 and 388 HP) provide the flexibility and capability to perform in any application. **Page 14**
- A well defined driveline for direct power transfer. **Page 16**
- The infinitely variable and fully reversible gearbox translates engine power into ultimate efficiency. **Page 16**
- A full frame with supportive function allows optimum ballasting. **Page 17**
- Four driving modes offer high operator comfort and save fuel. **Page 18**

More flexibility.

- The steering axles with four-wheel steering make it manoeuvrable and eliminate the multi-pass effect. **Page 22**
- Automatic crab steering is a new addition to the six steering modes. **Page 23**
- The optional power hydraulic system operates powerful hydraulic drive systems (e.g. slurry pumps on swan-necked slurry tankers). **Page 25**
- The linkages are available with optional hydraulic stabilisers. **Page 26**
- XERION offers flexible hitch options for any implement. **Page 27**





Even more convenient.

- The multifunction levers gives operators fingertip control of up to 16 functions. **Page 32**
- CEBIS provides easy and convenient setting of all machine functions. **Page 34**
- Full cabin glazing warrants perfect panoramic view. **Page 36**
- The comfort seat is a swivel seat. **Page 37**
- Unique – The XERION 3300/3800 TRAC VC cab pivots 180°. **Page 38**
- Up to 14 working headlights turn night into day **Page 39**
- The afterglow function gets you safely off the tractor. **Page 39**

Even more intelligent.

- CEBIS monitors all tractor functions and stores the data for traceability. **Page 42**
- XERION communicates with the implements via the CLAAS SEQUENCE MANAGEMENT (CSM) system and ISOBUS. **Page 44**
- The convenient GPS steering system helps operators utilise full machine widths. **Page 44**
- Easy maintenance. **Page 46**

This potential
is unmatched.

Therefore there
are no competitors.





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More power

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More flexibility

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Even more convenient

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Even more intelligent

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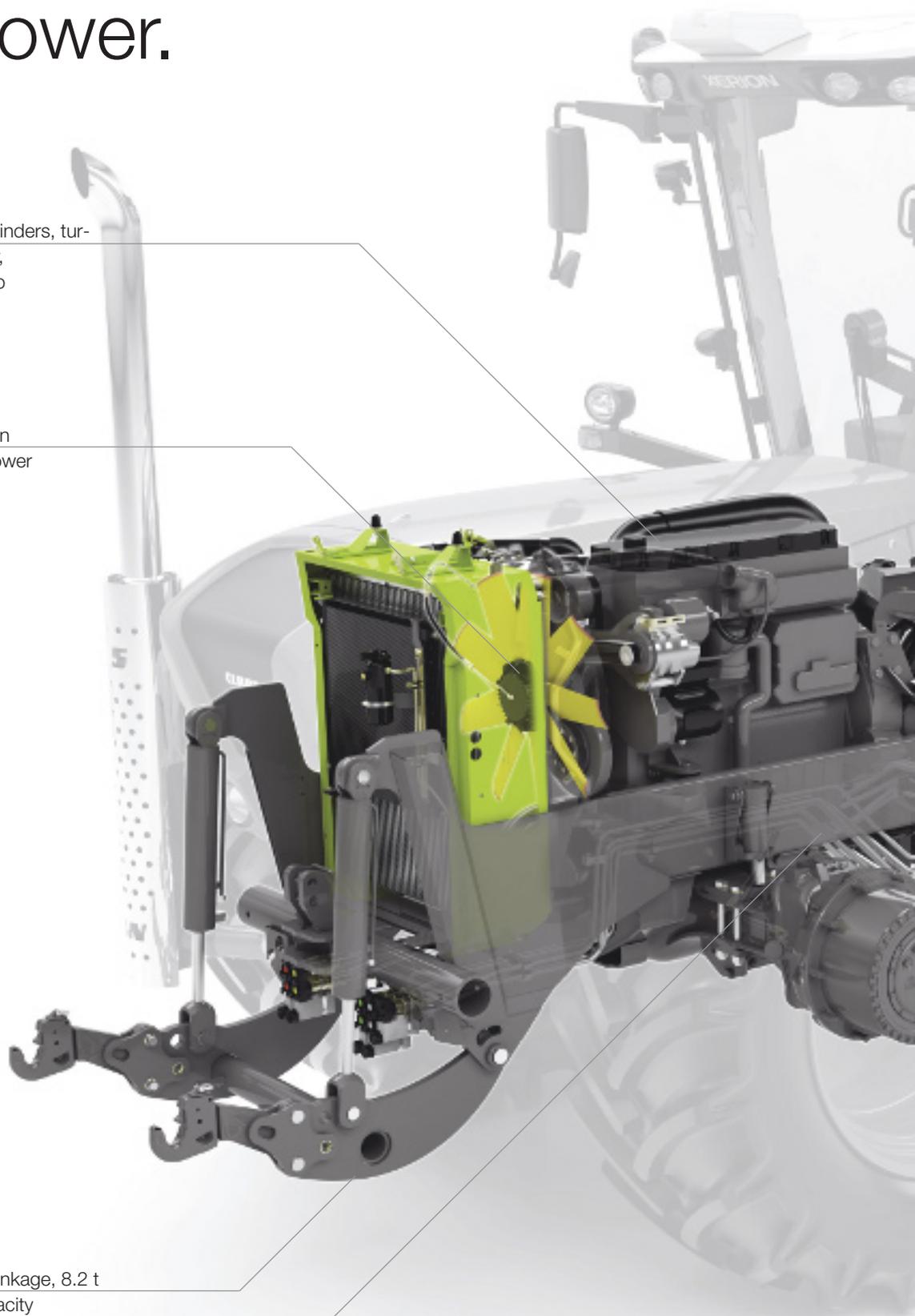
More power.

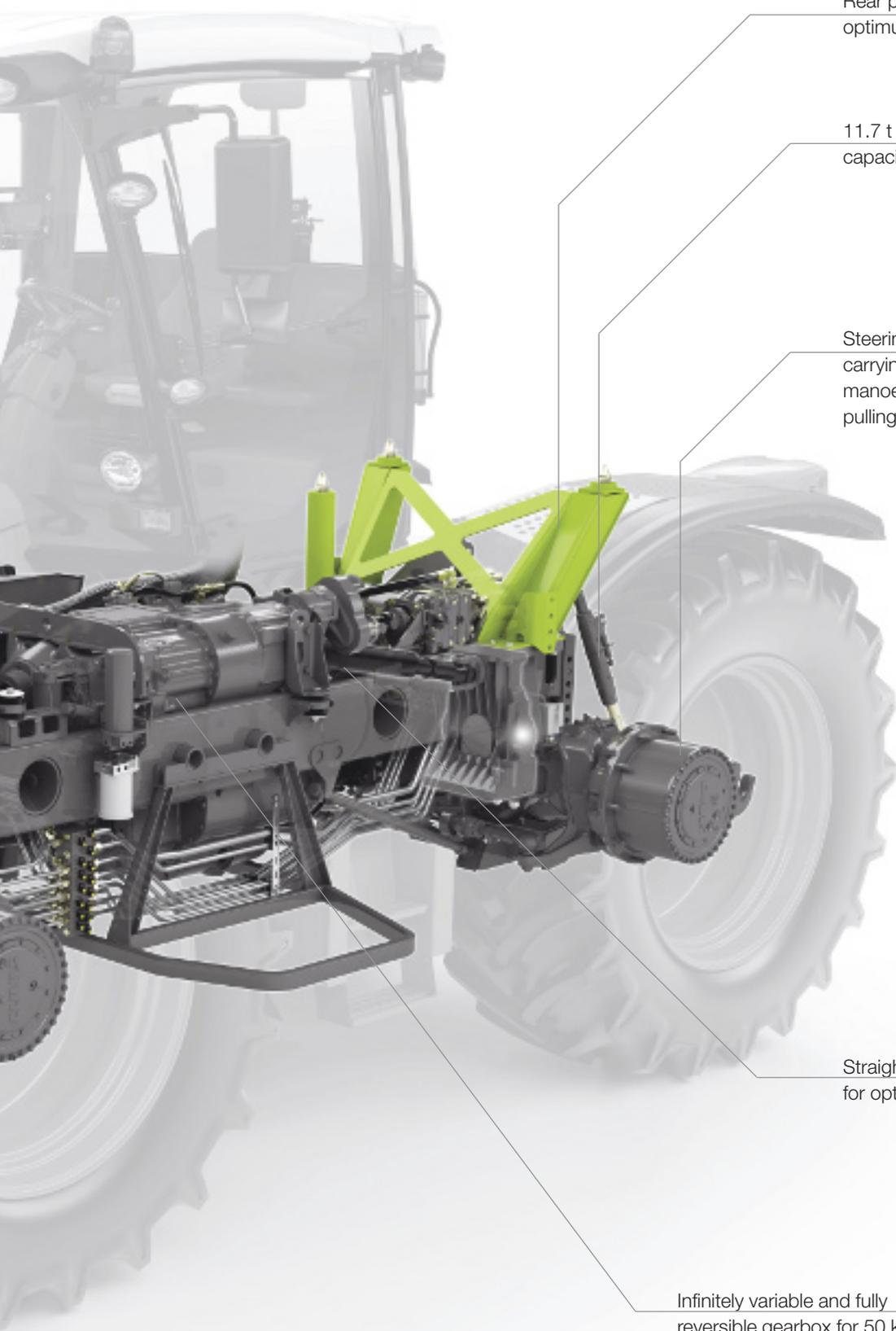
Engine: CAT-C9, 6 cylinders, turbocharger, intercooler, max. 279 kW / 388 hp to 150

Standard reversible fan delivers full cooling power

Fully integrated front linkage, 8.2 t continuous lifting capacity

Strong full frame





Rear platform frame provides optimum ballasting

11.7 t continuous rear linkage capacity

Steering axles are rated for 18 t carrying capacity, for great manoeuvrability and enormous pulling power

Straight and direct driveline for optimum efficiency

Infinitely variable and fully reversible gearbox for 50 km/h maximum speed in either direction

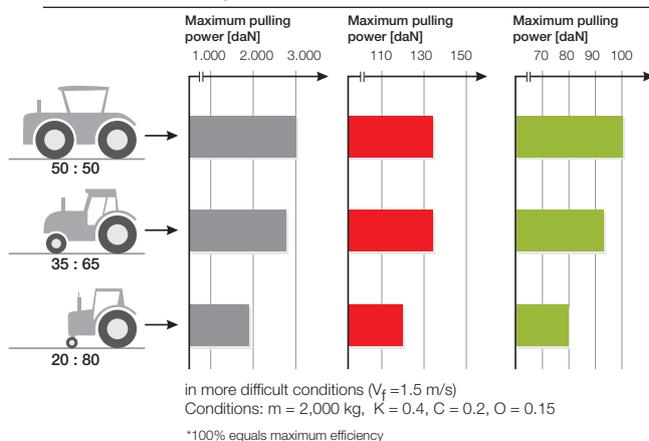
More power
TRAC concept
Engine
Transmission
Full frame
Driving modes



The challenge for the CLAAS engineers was as big as XERION itself. The task was to build a tractor that could do what otherwise was a serious problem for standard 300 HP machines without ballast weights and dual wheels: a tractor that would bring its enormous power to the ground but without damaging the soil.

The effects of tractor build and drive concept (identical overall weight).

Source: FAL Braunschweig, Prof. Dr. Harms



Bigger contact area.

The TRAC concept visibly sets itself apart by four equally-sized and up to 2.05 m diameter wheels. These are the benefits:

- Maximum contact area at adjusted tyre pressure
- Reduced wheel slip
- Less compaction

This way it is possible to protect the soil and still operate machine of a high overall weight of up to 36 t (up to 10 km/h).

Higher permissible overall weight.

Another feature of the TRAC concept is its full frame design, which offers an ideal weight distribution with 57 % on the front axle and 43 % on the rear unit:

- Best traction
- Highest efficiency



Everybody is impressed by this pulling power. Except the soil.

In addition, the full frame absorbs substantially higher machine weights. The following overall weights are no problem:

- Up to 18 t on the road (depending on national regulations, higher weights are possible with special approval)
- Up to 36 t in the field

The net weight is 13 t. With only 2 tonnes extra weight on the front axle, XERION provides a substantially higher tractive power than any standard machine.

Superior visibility and manoeuvrability

Further pluses of the TRAC concept:

- The central cab position offers best view on all implements
- Impressive manoeuvrability and agility through four-wheel steering
- Narrow 12 m turning circle (depending on tyres)

Contact area of all four wheels*



*Manufacturer information from Goodyear, tyre pressure 1 bar, wheel loads 6.1t (4t on front tyres on standard tractor)

More power

TRAC concept

Engine

Transmission

Full frame

Driving modes

Choose between high torque and an even higher torque.

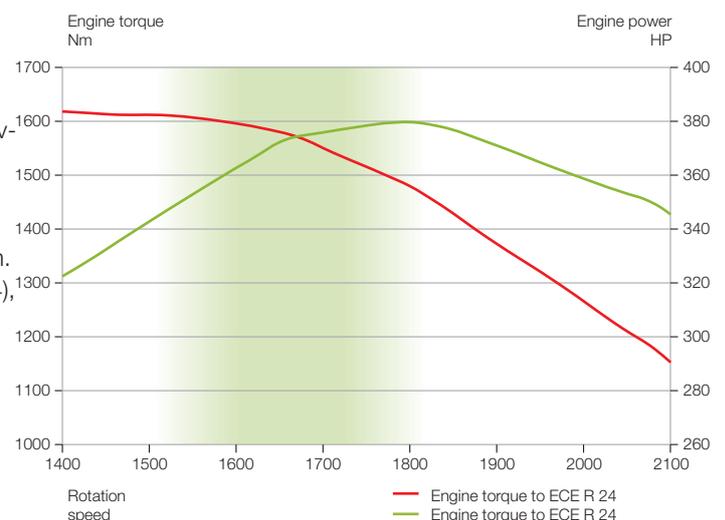
XERION is powered by an engine the brand name of which stands for uncompromised quality and power – Caterpillar. The massive 8.8 l six-cylinder turbo charged and intercooled engine comes in two hp versions.

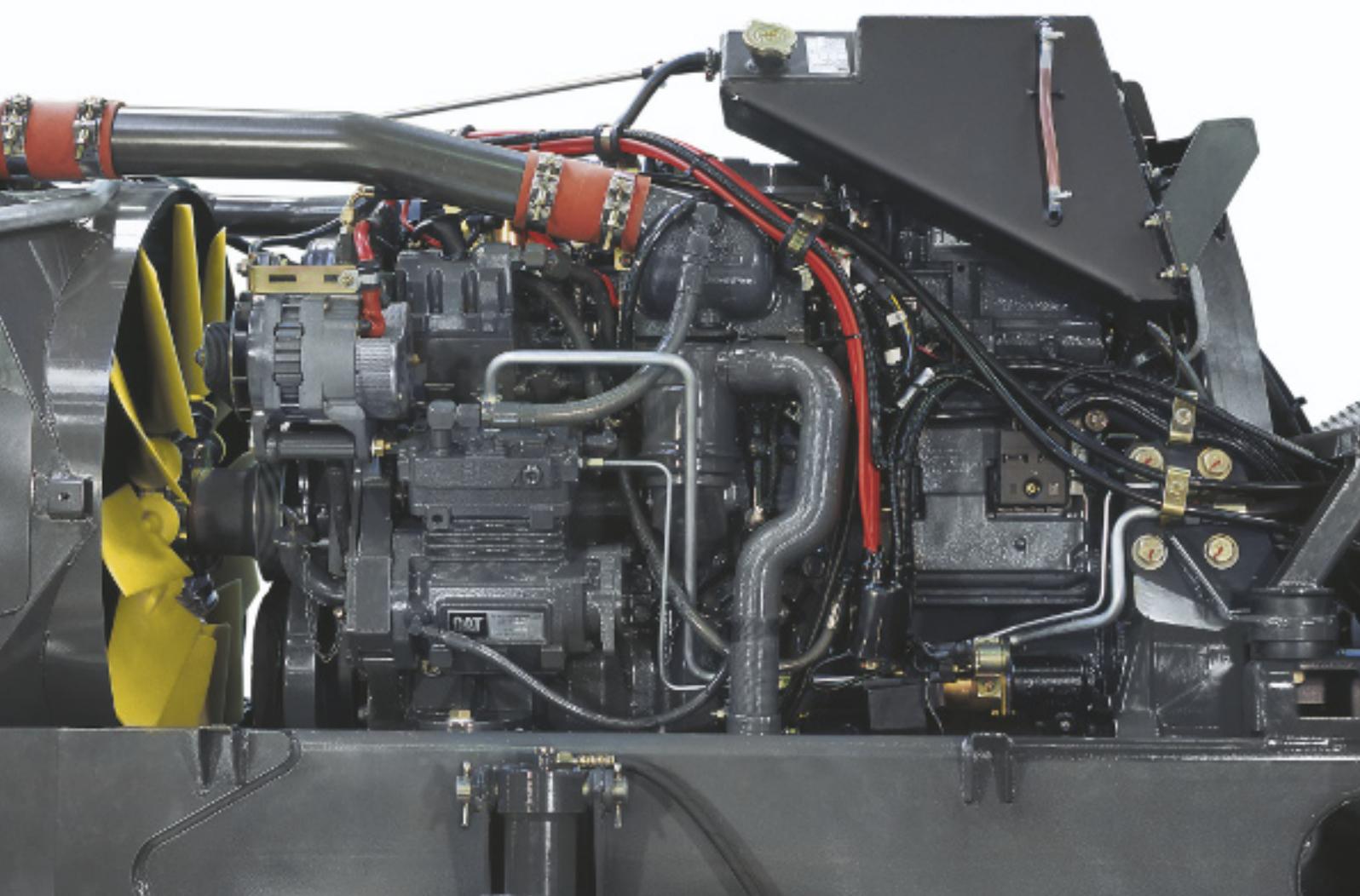
Two engine versions.

You will move a lot with XERION and have a lot of fun driving it. This is thanks to the enormous torque of the 8.8 l, six-cylinder CAT engine:

- XERION 3300: max. 335 HP at 1,600 – 1,800 rpm. (ECE R 24), max. torque: 1,500 rpm Nm at 1,500 rpm.
- XERION 3800: max. 379 HP at 1,800 rpm. (ECE R 24), max. torque: 1,620 Nm at 1,400 rpm.
- Powerful PTO operation
- Complies with Tier3 emissions standard.

Engine performance curve XERION 3800 CAT C9 engine.





Efficient HEUI injection system.

Hydraulic and electronic control jets provide optimum injection pressure to help you save fuel.

Optimum aspiration.

The air intake system on XERION is positioned on the cab post, because the air at the top is cleaner than the air at the bottom. The result:

- Less maintenance
- More output
- Higher longevity

Standard reverse fan.

In normal operation, the angle is adjusted to cooling requirements. To clean the radiator, reverse the fan pneumatically. The result:

- Less maintenance
- Full cooling capacity at all times.
- No need to leave the cab



More power
TRAC concept
Engine
Transmission
Full frame
Driving modes



ZF offers the most powerful power-splitting gearbox on the market – the infinitely variable and fully reversible ZF Eccom 3.5.

Powerful transmission.

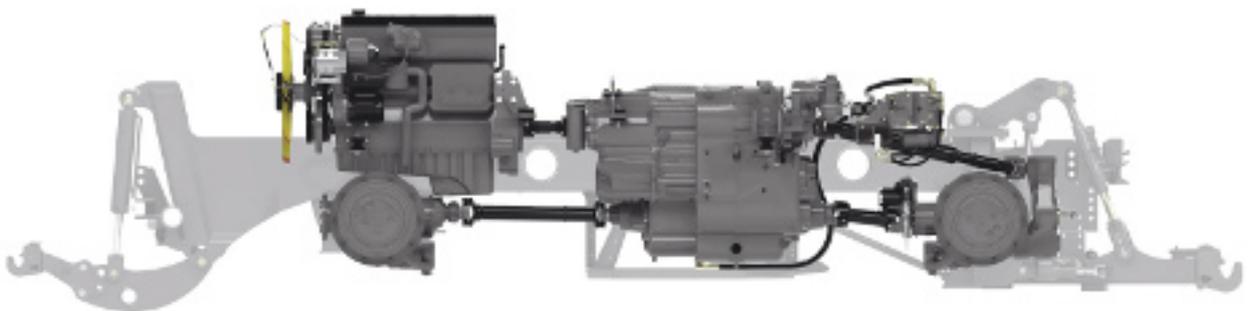
ZF Eccom 3.5 guarantees an extremely efficient translation of the built-in engine power into muscle power:

- Shifts through 4 driving ranges in both directions of travel without cutting the powerflow
- Reaches 50 km/h whilst operating at a fuel-saving engine speed of 1,700 rpm
- An auxiliary output shaft to drive the power hydraulic system is available as an option

Direct driveline.

XERION offers a clearly defined and straightforward driveline, which boasts permanent four-wheel drive and copes with the heaviest loads, such as when operating a front-mounted forest rotavator:

- Straight driveline, engine power flows via a short shaft to the gearbox
- High efficiency
- Axial and transverse differential lock
- Direct stubshaft driveline, too



Power turns into output, output turns into productivity.

The modular design as well as separate drivelines to the pto and axles offer clear benefits in daily operation:

- High longevity
- Optimum accessibility
- Convenient maintenance

Fully supportive frame.

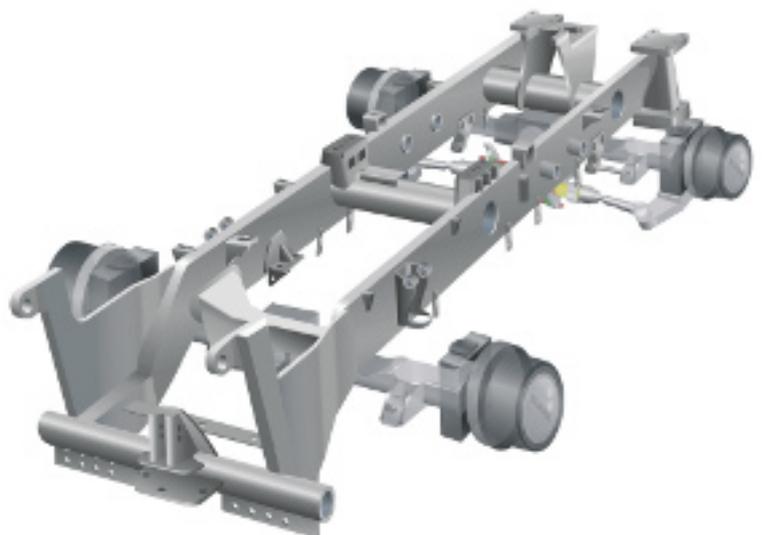
On conventional tractors, the engine and transmission inevitably have a supportive function due to the chassis construction. XERION is different. This tractor is fitted with a modular and fully supportive chassis. Engine and transmission do not have supportive functions but are mounted on silent blocks:

- Vibration-free cab
- Optimum accessibility
- Easy maintenance

Front and rear linkages are integrated in the frame:

- High load rating to carry mounted implements
- Up to 11.7 t at the rear
- Up to 8.2 t at the front

The frame also allows heavy ballasting and thus a high permissible overall weight of up to 23 t at 50 km/h.



More power
TRAC concept
Engine
Transmission
Full frame
Driving modes

More productivity is the best strategy.

XERION 3300 offers four driving modes that suit various conditions. Simply select the strategy that suits the current application best.

1. AUTOMOTIVE

- Is activated automatically
- Like driving an automatic car, the operator simply operates the accelerator pedal
- Superior driver comfort in road transport
- Optimum fuel efficiency

2. CRUISE CONTROL

- Is activated from the fingertip lever
- Maintains a constant forward speed
- Offers two memory settings for forward and reverse
- Ideal field mode, e.g. when drilling. Operator can concentrate on the implement





3. MANUAL

- Set via CEBIS
- Engine speed and gear ratio are selected independently by operating the pedal and the fingertip lever
- Optimum adaptation of ground speed to engine speed

4. HAND THROTTLE MODE

- This mode is activated automatically at constant engine speed
- Ground speed is adjusted by changing the speed ratio
- Constant pto power, e.g. when mowing with DISCO 8550
- Reduces driver fatigue



More power
TRAC concept
Engine
Transmission
Full frame
Driving modes

More flexibility.

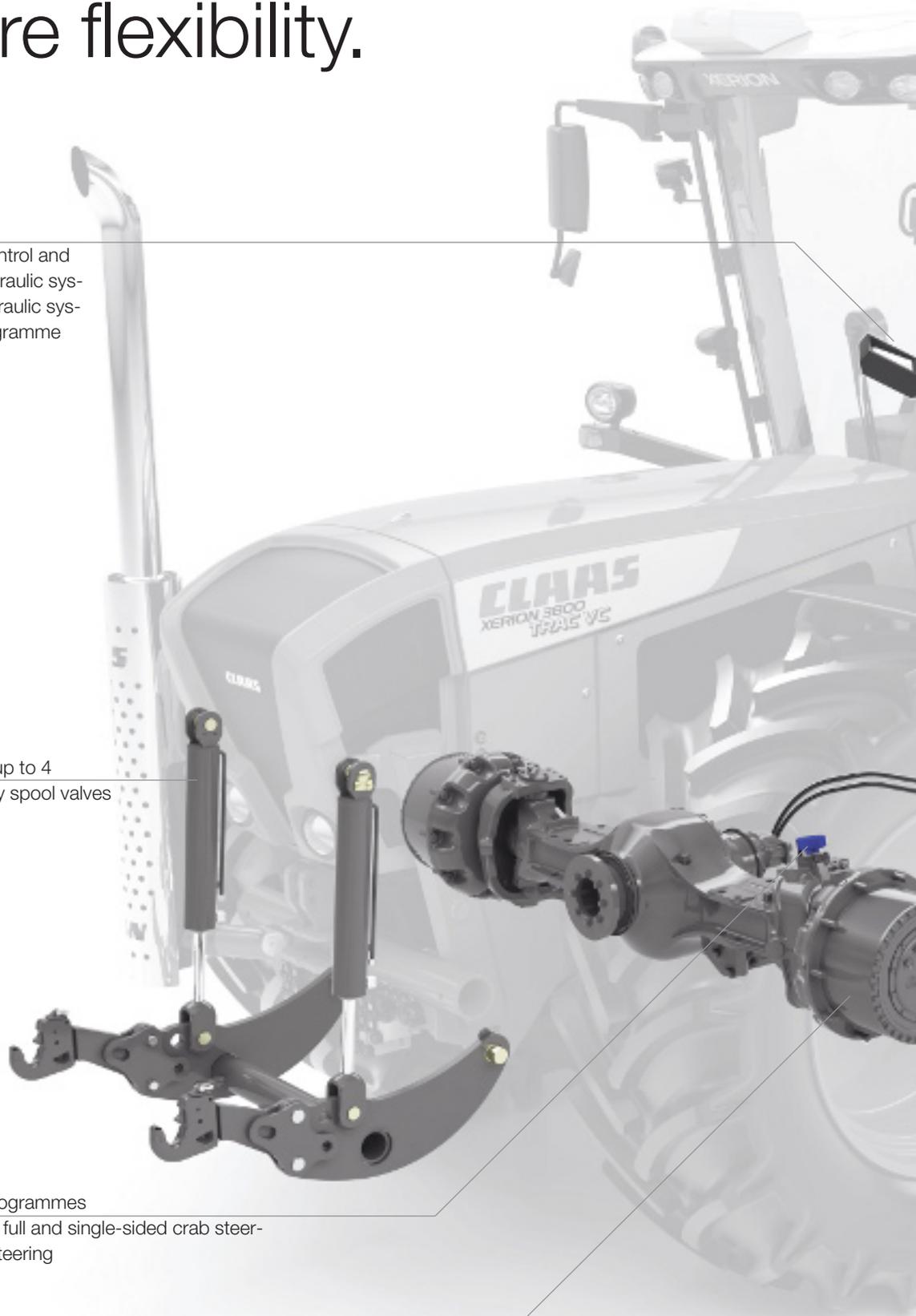
CEBIS Terminal

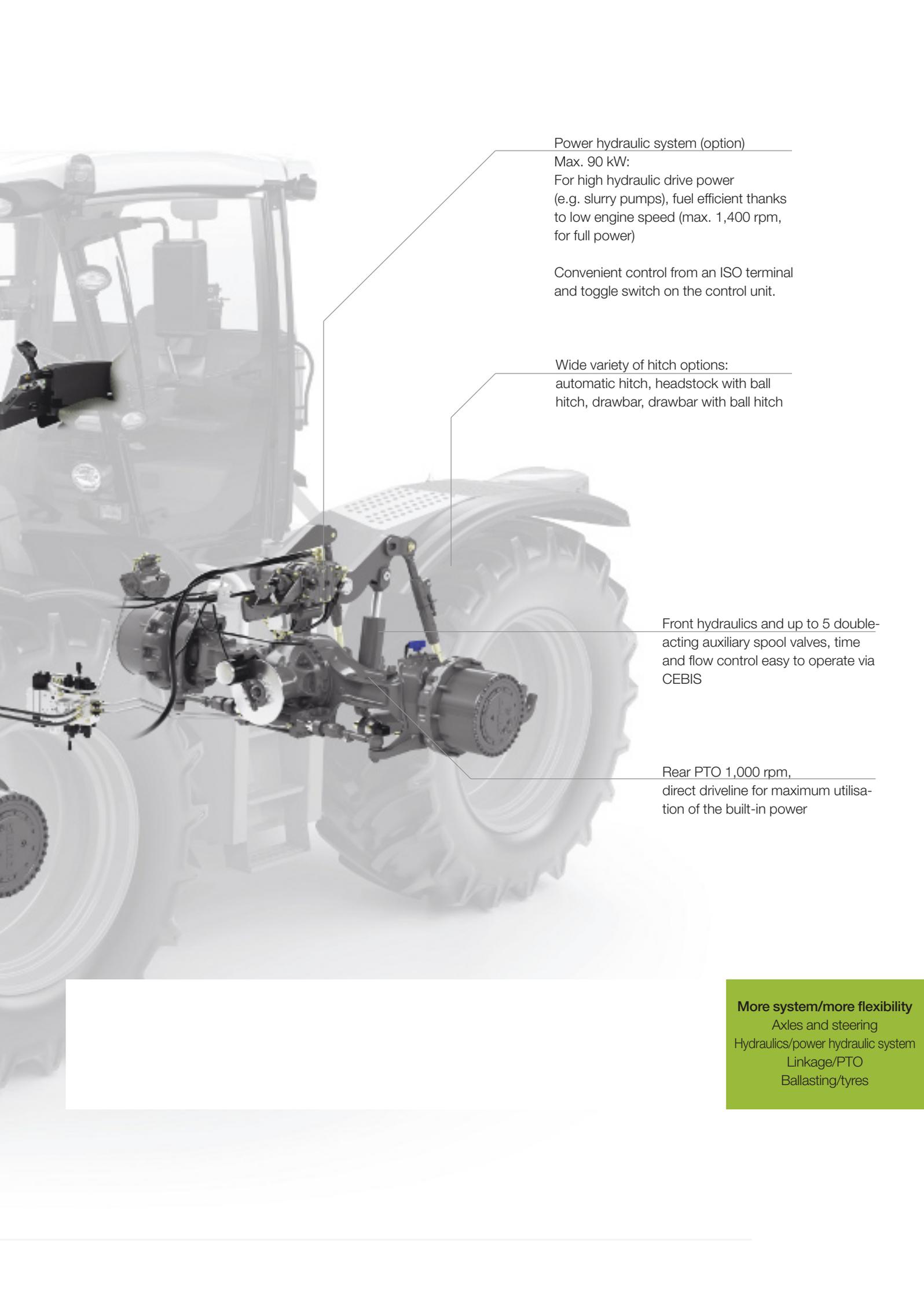
Intuitive operation, control and adjustment of the hydraulic system, PTO, power hydraulic system and steering programme

Front hydraulics and up to 4 double-acting auxiliary spool valves

6 possible steering programmes such as gentle mode, full and single-sided crab steering, GPS-controlled steering

Steering axles with four-wheel steering, permanent four-wheel steering and optional pivoting axle lock: optimum manoeuvrability, straight running





Power hydraulic system (option)

Max. 90 kW:

For high hydraulic drive power (e.g. slurry pumps), fuel efficient thanks to low engine speed (max. 1,400 rpm, for full power)

Convenient control from an ISO terminal and toggle switch on the control unit.

Wide variety of hitch options:

automatic hitch, headstock with ball hitch, drawbar, drawbar with ball hitch

Front hydraulics and up to 5 double-acting auxiliary spool valves, time and flow control easy to operate via CEBIS

Rear PTO 1,000 rpm, direct driveline for maximum utilisation of the built-in power

More system/more flexibility

Axles and steering
Hydraulics/power hydraulic system
Linkage/PTO
Ballasting/tyres

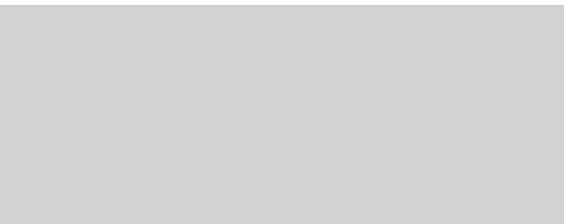


XERION owes its superior manoeuvrability to its intelligent four-wheel steering system. As soon as the driver turns the steering wheel to full lock, the rear axle is steered automatically. Synchronisation is fully automatic and relies on steering angle sensors.

Strong axle concept.

The axles provide intelligent four-wheel steering and a high load rating of up to 18 tonnes per axle (at 10 km/h). In addition, XERION offers a permanent four-wheel drive with an axial differential lock and a locking pivot axle (optional). These features combine to make your daily work significantly easier:

- Superior manoeuvrability
- 12 m turning circle (depending on tyres)
- Perfect machine control on the road
- Straight running
- Higher pulling power
- No front wheel lead, no loss in drive power result in protected turf, such as during slurry spreading
- Optimum road comfort and best traction in the field by locking the pivoting axle



These axles steer and think.

XERION steering programmes.

XERION offers the optimum steering programme for any specific application.

It provides the standard road steering programme plus 6 extra programmes:

1. Four-wheel steering:
Both axles are steered simultaneously
2. Single-sided crab steering:
Axles are off set to prevent slipping in slope operation
3. Gentle mode:
Axles are off set avoid multipass effect
4. Full crab steering:
Axles are off set for shuttle work
5. Fingertip lever steering:
The machine is steered from the fingertip lever
6. Synchronized steering:
Set off steering pole, e.g. exclusive rear axle or front axle steering

Additional GPS steering (option): GPS PILOT takes control of steering. This option is available for all steering programmes mentioned.



For a healthy soil.

Set gentle crab steering on CEBIS, then off set the steering on the joystick.



1. Turn left
2. Straight ahead position
3. Turn right

The machine turns through its typically small radius while protecting the soil. The rear axle steers automatically.

More system/more flexibility

Axles and steering

Hydraulics/power hydraulic system

Linkage/PTO

Ballasting/tyres

The hydraulic system takes on just about any job. The third circuit takes care of the rest.

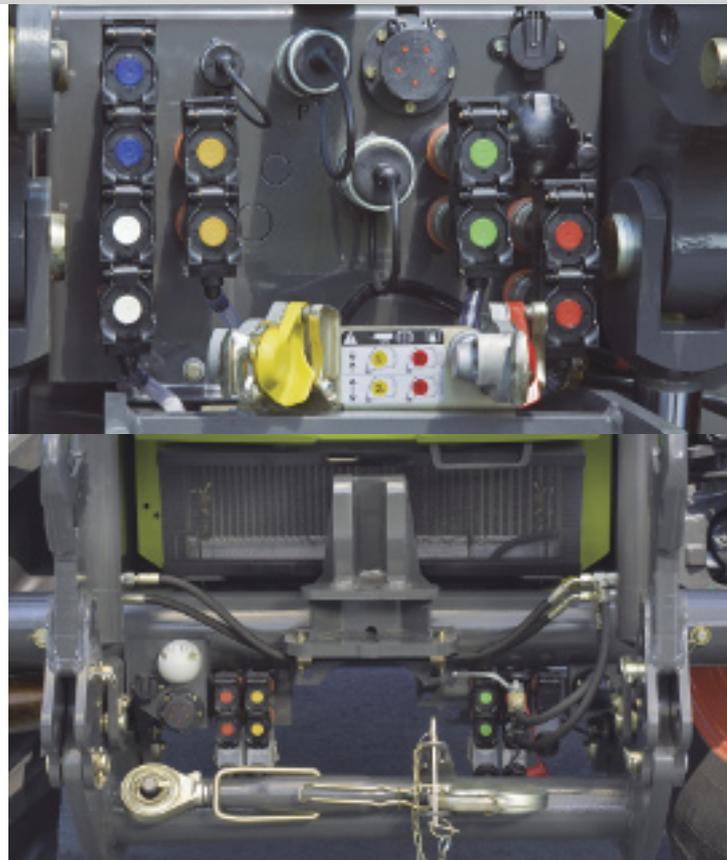
The hydraulic system provides awesome outputs and convenient control via CEBIS to guarantee that XERION is up to any job.

Powerful hydraulic system.

Two powerful axial piston pumps lie at the heart of the load sensing system. One supplies the remote spool valves, the other the machine system:

- The first pump supplies linkage and auxiliary spool valves
- The second pump supplies the oil cooler, steering and brake
- Operating pressure per pump is 200 bar at 190 l/min as a maximum
- 130 l capacity
- Up to 5 double-acting spool valves
- Time/flow control is infinitely variable from CEBIS
- Flow rate max. 110 l per spool valve
- Large available hydraulic oil of max. 80 litres

With the pump providing a direct supply to remote implements, it guarantees a continued high output and high spot-on lift capacities. The breakaway connections enable rapid and straightforward coupling, even of pressurised systems.



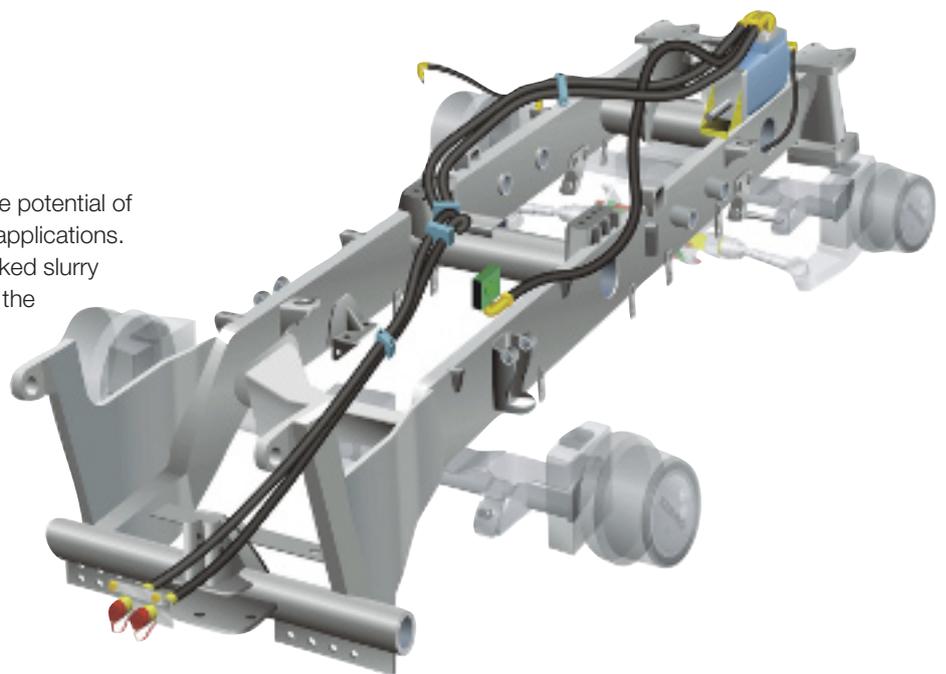


Optional power hydraulic system.

XERION offers the option of a third hydraulic circuit:

- Max. 260 bar operating pressure
- Max. 235 l/min oil flow
- Max. 90 kW output
- Easy operation from toggle switch

The optional power hydraulic system offers the potential of using the machine in a large range of special applications. For example, in combination with a swan-necked slurry tanker it presents a fuel-efficient alternative to the PTO drive system.



More system/more flexibility

Axes and steering

Hydraulics/power hydraulic system

Linkage/PTO

Ballasting/tyres



Easy-to-operate Rear linkage.

The rear linkage is easily operated from the multifunction lever while the ELC is conveniently set on the CEBIS system. Both multifunction lever and CEBIS provide enhanced operator comfort:

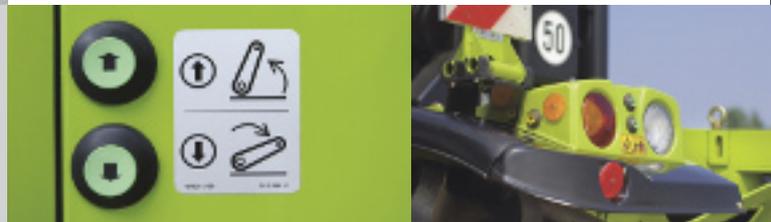
- Continuous 11.7 t lifting capacity
- Cat III or IV are possible
- ELC control from the ground for easy fitting/removal of implements
- Hydraulic stabilisers (option)
- Vibration damping for implement stability and convenient road transport

Convenient front linkage.

The front linkage on XERION is also operated from the multifunction lever:

- Continuous 8.2 t lifting capacity
- Operated from the ground

XERION delivers awesome power. The front linkage lifts 8.2 tonnes and the rear linkage 11.7 tonnes through the entire lift range. The special power flow ensures that the full power is immediately available as the rear linkage lifts from the ground.



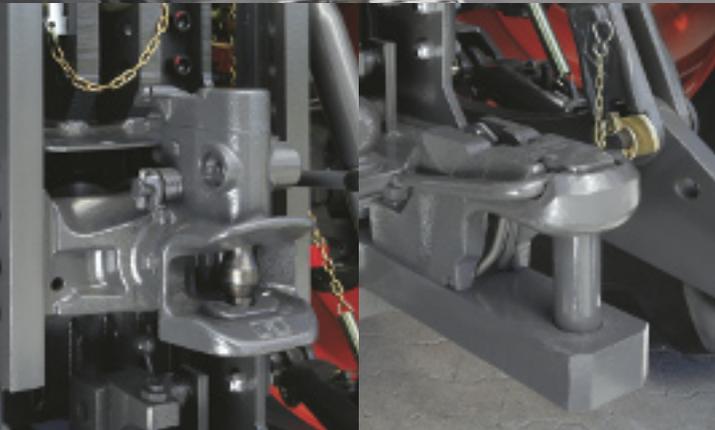
No matter how heavy the load, XERION taps into full capacity.



High-output rear PTO.

The power to the rear pto flows through a straight driveline to ensure high and constant speeds in applications such as wood chopping.

- 1,000 rpm standard
- Automatic pto shut-off/on from the PTO management system



Wide variety of hitch options.

XERION gives you the choice of 8 different hitch options:

- Automatic hitch
- Headstock with hitch ball
- Long headstock
- Hitch with 80 mm ball
- Rear ball hitch 110 mm, for up to 15 t tongue load
- Drawbar, short/long
- Drawbar with hitch ball
- CUNA hitch system D3

Available trailer brake systems include air, hydraulic or oil brake systems.

More system/more flexibility

Axles and steering

Hydraulics/power hydraulic system

Linkage/PTO

Ballasting/tyres

Clever ballasting eliminates the wheel loader.

XERION net weight is about 13 t (depending on specification) It easily accepts extra weights of up to 36 t to become suitable for such applications as silage packing. As a result, you can do away with the wheel loader on the clamp.

Ballasting up to 36 t.

This is where the TRAC concept comes into its own. Its high weight, ideal weight distribution and large contact area translate into superior traction:

- Up to 23 t (max. 50 km/h) and 36 t (up to 10 km/h) of extra ballast in field operation
- 1,800 kg/2,400 kg ballast weights for rear platform frame
- Easy and fast weight fitting/removal with telehandler
- No time-consuming attachment of wheel weights





900/50 R42 tyres.

Large tyres and biggest contact areas protect the soil and give perfect traction:

- Four wheels of equal size
- Accepts all common tyres
- No need for dual wheels (advantage for road transport)
- Tyre pressure control system (option)

Tyre pressure control system:

- All airlines are routed to the wheels via the wings
- 2-line control system:
 - No air is lost from the tyre when the control system leaks
 - If there is a leak in one tyre, the pressure will be maintained on the others
- Easy operation via a digital cab-based control system

More system/more flexibility

Axles and steering
Hydraulics/power hydraulic system
Linkage/PTO
Ballasting/tyres

Even more convenient.

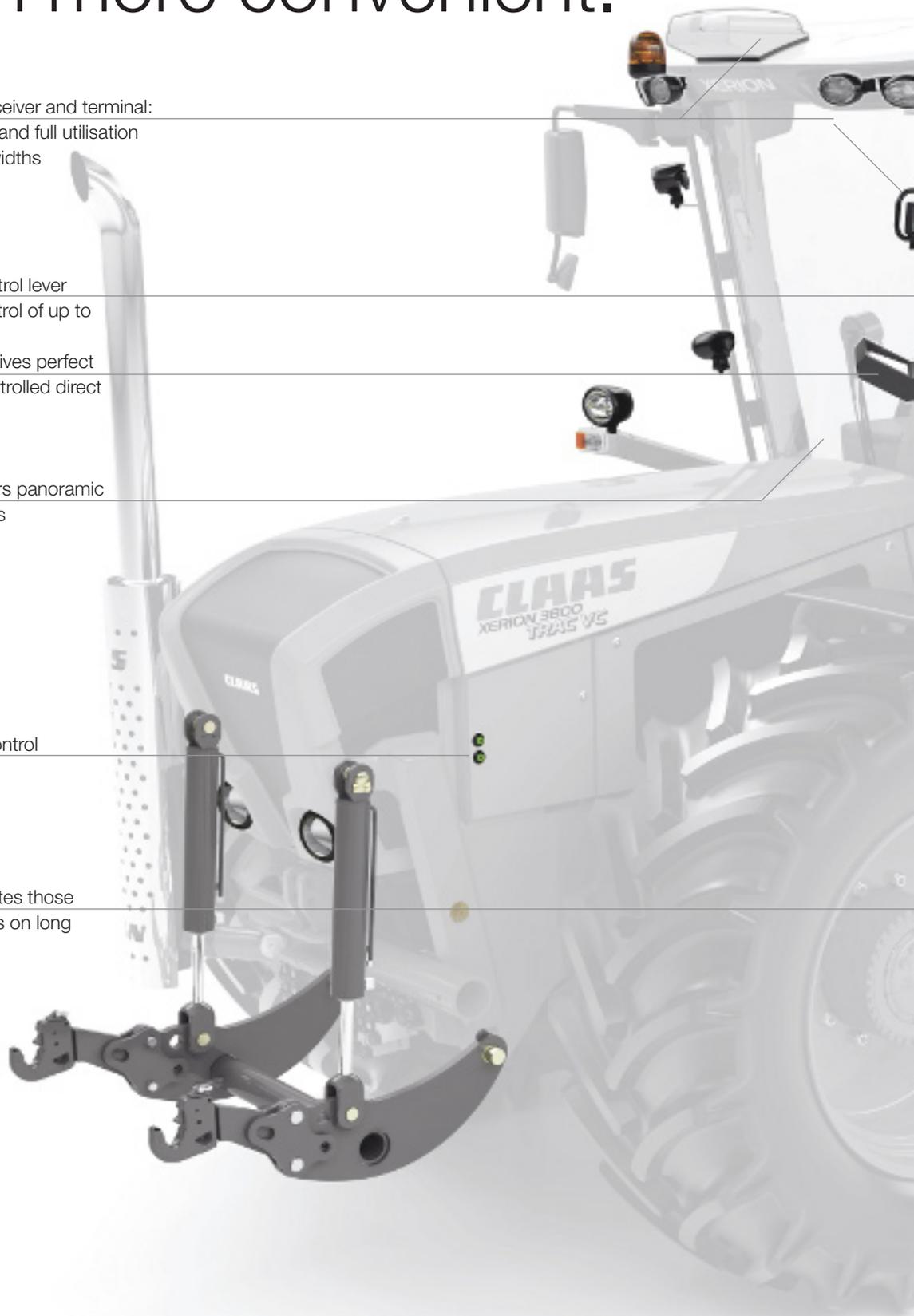
Factory fitted GPS receiver and terminal:
convenient operation and full utilisation
of available working widths

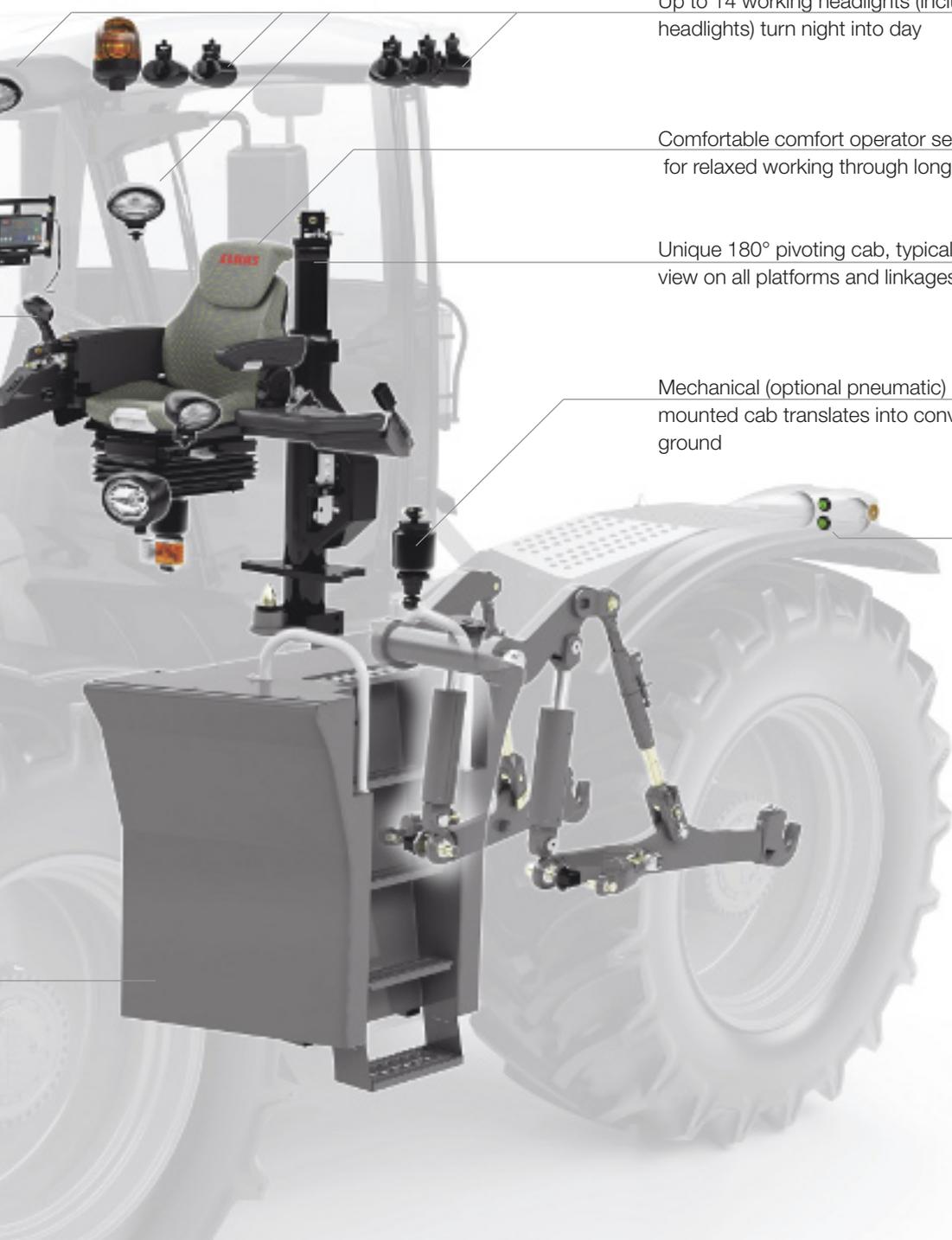
The multifunction control lever
offers convenient control of up to
16 functions
The CEBIS Terminal gives perfect
overview and dial-controlled direct
access to the menu

Full cabin glazing offers panoramic
view on all implements

Convenient linkage control
from the ground

620 l fuel tank eliminates those
time-consuming stops on long
working day





Up to 14 working headlights (including 4 optional Xenon headlights) turn night into day

Comfortable comfort operator seat for relaxed working through long days

Unique 180° pivoting cab, typical driver comfort and perfect view on all platforms and linkages when reversing

Mechanical (optional pneumatic) suspension for centrally mounted cab translates into convenient rides on rough ground

Convenient linkage and PTO control from the ground



Even more convenient
Fingertip lever/control unit
CEBIS
Cab comfort
Cab pivoting mechanism



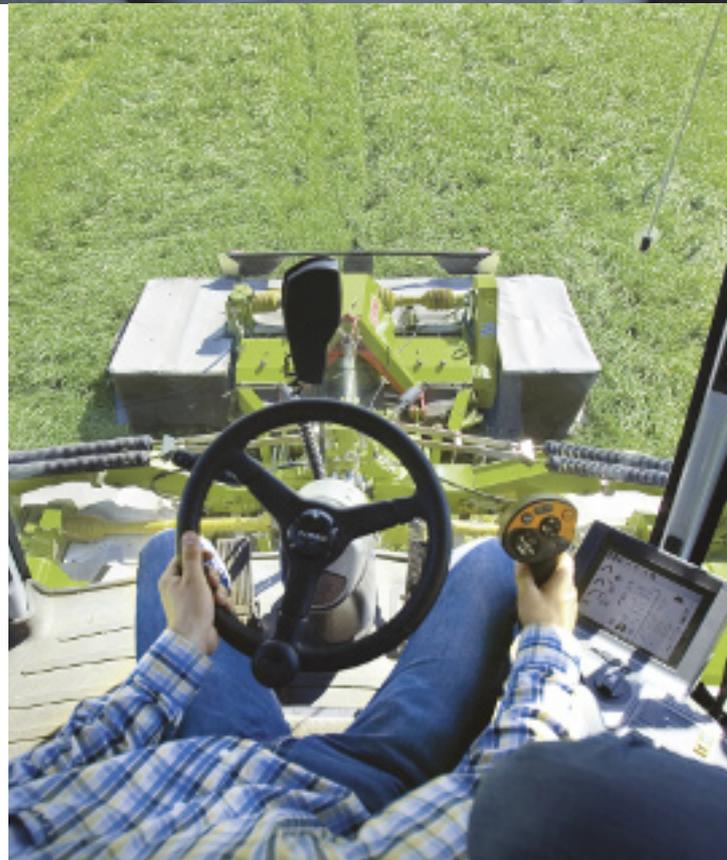
A flexible tractor concept not only involves the potential of operating in a wide range of applications but also easy operation, which allows any driver to use the machine without undergoing a lengthy training. This was the claim. CLAAS XERION is the proof.

Ergonomic multifunction control lever:

The XERION multifunction control lever allows operators to control up to 16 machine functions at the push of a button. The functions include:

- Cruise control
- Rear linkage
- Pulling off/reversing
- White hydraulic connection
- Autopilot

Add to these more functions keys (ISOBUS), to which you can program special functions, e.g. lifting out separate DISCO 8550 mowers.



Heavy machinery in particular should be easy to operate.

Mount and off you go.

You'll be operating the XERION intuitively in no time at all.

- Stay relaxed on long days
- Have all major functions at your fingertip
- Concentrate on implements and sequences



Even more convenient

Fingertip lever/control unit

CEBIS

Cab comfort

Cab pivoting mechanism

CEBIS is so intelligent that it explains itself.

The introduction of CEBIS on LEXION was the introduction of new standards. The advanced CEBIS control system on XERION is based on this tried and tested technology. The operator terminal is clearly structured with intuitive control elements. You'll be operating the system intuitively in no time at all.

CEBIS gives the overview.

CEBIS updates you dependably on machine operation:

- Compact and clear machine and system settings
- Diagnoses automatically all components, sensors and modules that are connected to it
- Detects system malfunctions, eliminates costly repairs

CEBIS makes operator life as easy as it can get:

- As few as seven buttons and dials
- Uncluttered terminal, intuitive operation
- Clear graphical layout of colour display
- All machine data at one glance
- New drivers learn how to operate the machine quickly

Dial into the system.

With all machine data available at your fingertips, retrieve them by simply turning the dial. It instantly dials you into the menu to quickly change all relevant parameters such as the hydraulic flow.



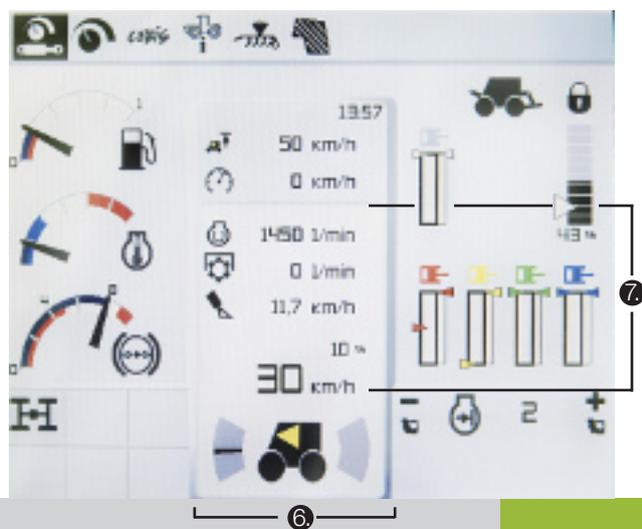
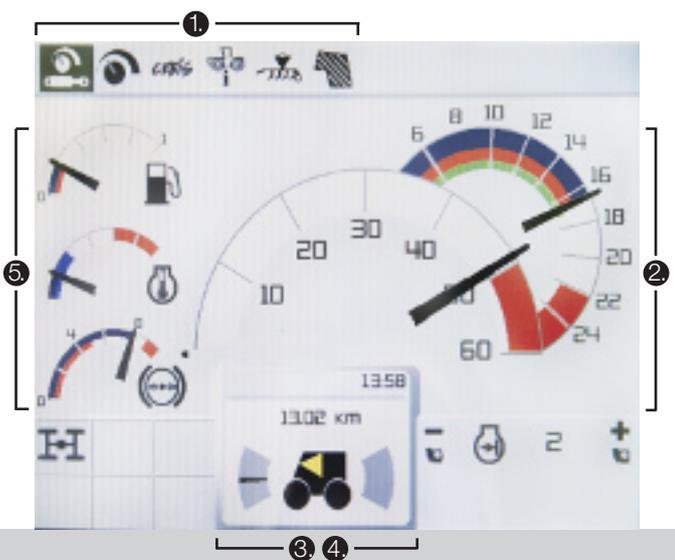


Road transport.

- ❶ Menu bar
- ❷ Ground speed and engine speed
- ❸ Gearbox status and current direction of travel
- ❹ Steering angle sensor
- ❺ Tank gauge and temperature

Operating screen.

- ❻ Detail view of operational parameters
- ❼ Status of front and rear linkages



Even more convenient
Fingertip lever/control unit

CEBIS

Cab comfort
Cab pivoting mechanism



Extra comfort cab.

The interface between man and machine – the workplace. The XERION cab impresses you instantly:

- Spacious layout, fully glazed cab, comfort specification
- Perfect panoramic view on all implements
- New and slimmer, 3-way adjustable steering column for more legroom
- Passenger seat with integral 27-l thermo storage room
- A/C MATIC climate control
Integral heating
- Ambient / cab temperature indicator
- 7 l cooling box in roof
- Radio CD player, optional MP3 player
- 2 heated and electric rear view mirrors and 2 start-off mirrors



A winning team – XERION and its relaxed operator.



Effective cab suspension system.

The XERION cab suspension system effectively cushions all shockloads on the cab to give operators smooth rides in rough terrain.

- The cab is mounted between the axles, where it is not exposed to shockloads from the axles.
- Mechanical cab suspension
- Optional pneumatic cab suspension

New comfort seat (option).

XERION offers the option of a comfort seat that swivels through 20°. The upholstered passenger seat is standard specification.

Getting more work done with fewer machines also means that the operator can exploit the machine's full potential at a minimum input of power.

Even more convenient
Fingertip lever/control unit
CEBIS

Cab comfort

Cab pivoting mechanism

Others swivel the seat – you swivel the cab.

Professionals agree that a traditional reverse drive system is a good compromise solution, provided the job is finished quickly. If it is not, the reverse drive system will leave you no other option than putting up with being squeezed in an uncomfortable position behind the reversed steering wheel. This is different on a XERION, where you simply press a button.

Pivoting cab (TRAC VC).

- Swivels through 180° at the push of a button
- Swivels in less than 30 seconds
- Full operator comfort in reverse drive operation
- Excellent view on rear linkage and platform
- All controls remain in position

XERION is intelligent.

When we say forwards, we mean it.
When we say backwards, we mean it, too.





Best visibility.

- Four sun blinds and window wipers (option)
- Clear view in all directions and on all implements

Turn night into day.

For XERION it's the end of the day when it's the end of work. No matter how long it takes. The lighting system ensures daytime illumination of all implements.

- One front-mounted headlight and eight H9 working headlights
- 6 rear-mounted H9 working headlights
- 2 front-mounted and 2 rear-mounted Xenon lights (option)
- 2 rotating beacons for road safety
- Afterglowing working headlights for safe dismounting at night



Even more convenient
 Fingertip lever/control unit
 CEBIS
 Cab comfort
 Cab pivoting mechanism

GPS PILOT for added productivity by fully utilising implement widths and reduction of operator fatigue

Monitors all machine functions: CEBIS terminal with integral implement management system and CLAAS SEQUENCE MANAGEMENT (CSM)

Easy maintenance and good access thanks to a one-piece bonnet and 90° swivel cooling package

Modern engine technology featuring HEUI injection system and providing long service intervals





Even more intelligent.

Multifunction lever offers convenient control of up to 16 functions

Automatic linkages and spool valve operation via the CLAAS SEQUENCE MANAGEMENT (CSM) system

Even more intelligent
CEBIS
CSM/ISOBUS/GPS
Maintenance
FIRST CLAAS SERVICE®



CEBIS is really smart. It not only monitors all tractor functions but also controls the implements. An additional terminal is not required. The operator concentrates on one terminal only.

Tractor management via CEBIS.

CEBIS offers a wide range of memory functions to be retrieved at the push of a button, including the following:

- Full machine monitoring
- Areameter
- Hourmeter
- Total fuel consumption
- Fuel consumption per field
- Fuel consumption per job
- Job processing
- Engine monitoring
- Service intervals and prompts



One cab-based terminal.



Implement management via CEBIS.

Enter your implements and the control parameters and enjoy the benefits of CEBIS:

- Easy retrieval of implement functions
- Optimum settings are readily available to new operators
- Uncluttered colour display
- Easy operation via keypad and dial

Even more intelligent

CEBIS

CSM/ISOBUS/GPS

Maintenance

FIRST CLAAS SERVICE®

Intelligent helpers that increase your productivity.

CLAAS SEQUENCE MANAGEMENT.

For easier headland turns, CSM allows the operator to record all headland functions and retrieve them as required:

- Record 4 sequences and retrieve them at a later time (F1 – F4)
- Display and edit sequences on CEBIS

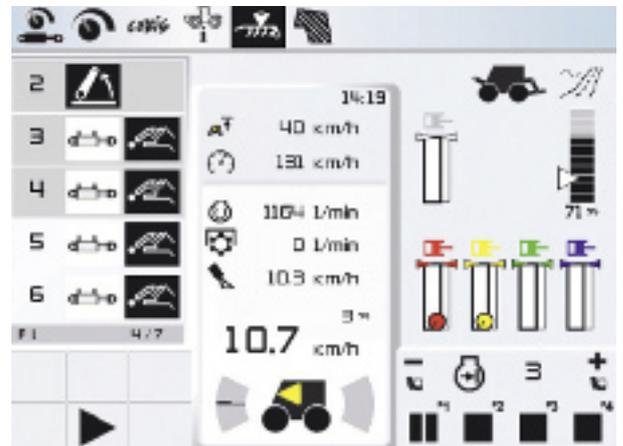
Automatic functions.

There is no need to do everything yourself, because XERION automatically controls the following machine functions:

- Rear and front linkages
- Up to 5 hydraulic spool valves
- Rear PTO
- Engine speed, forward speed (cruise control)

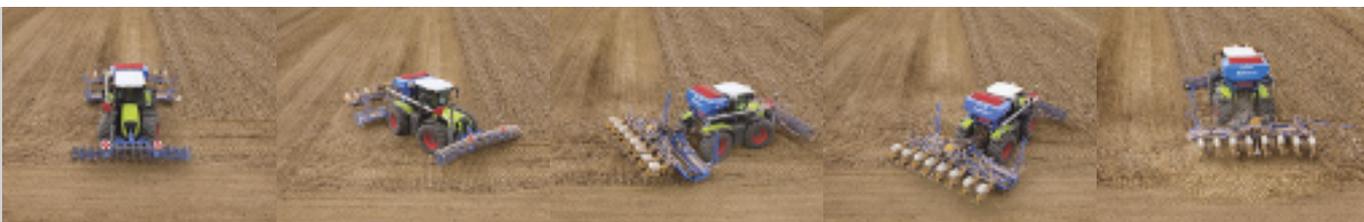
ISOBUS.

- CEBIS controls tractor functions only
- CLAAS COMMUNICATOR is used when operating ISOBUS compatible implements



Steering with GPS.

The intelligent GPS technology puts an end to wasting time and crop inputs. With CLAAS GPS PILOT you will improve the precision of your farming operations and make significant cost savings.





- Factory fitted option
- Fully automatic steering system with automatic levelling
- Parallel mode or CONTOUR mode
- +/- 2 – 3 cm accuracy
- Audible alarm at loss of current track allows operator to immediately adjust the steering
- Activation via Autopilot key
- Automatic system deactivation as soon as the driver interferes with steering or leaves the seat

Benefit from GPS technology for your operation:

- Concentrate fully on the work at hand
- Reduce operator fatigue in up-and-down operation
- Night work is possible
- Increased productivity thanks to full utilisation of the work width
- Optimises operating costs
- Added operator safety



Even more intelligent
 CEBIS
 CSM/ISOBUS/GPS
 Maintenance
 FIRST CLAAS SERVICE®



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

- Oil change intervals for gearbox, hydraulic system and axles are as long as 1,500 hours
- CEBIS indicates service status
- One-piece bonnet gives easy access to all service points
- The front cooling packages swivels out on a hinge though 90°
- The air filter is readily accessible for cleaning between the axles on the right side of the machine
- The hydraulic system offers excellent accessibility
- Engine oil change after 500 hours

These features combine to make daily service and maintenance much easier. Carried out regularly, these measures will safeguard the value of your machine.



XERION makes for easy maintenance.



Even more intelligent
CEBIS
CSM/ISOBUS/GPS
Maintenance
FIRST CLAAS SERVICE®

We take the time
to serve you. Especially
when every second counts.

Trust on the professionalism and dependability of our FIRST CLAAS SERVICE[®] team during every minute you are out on the site. CLAAS importers and sales partners provide optimum spare parts supply and reliable round-the-clock customer service worldwide.

We are where you are.

You can depend on us to deliver the required parts at any time. Our central warehouse ensures a rapid and reliable supply of ORIGINAL CLAAS spare parts to all parts in the world. The large number of partnerships guarantees that these parts get to you within no time at all – wherever you are.





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 provide accurate diagnoses.

Many years of experience and the use of the most advanced diagnostic systems like CDS 5000 enable our service engineers to pinpoint malfunction in no time at all and set up dependable configurations and download CEBIS updates.

Even more intelligent
CEBIS
CSM/ISOBUS/GPS
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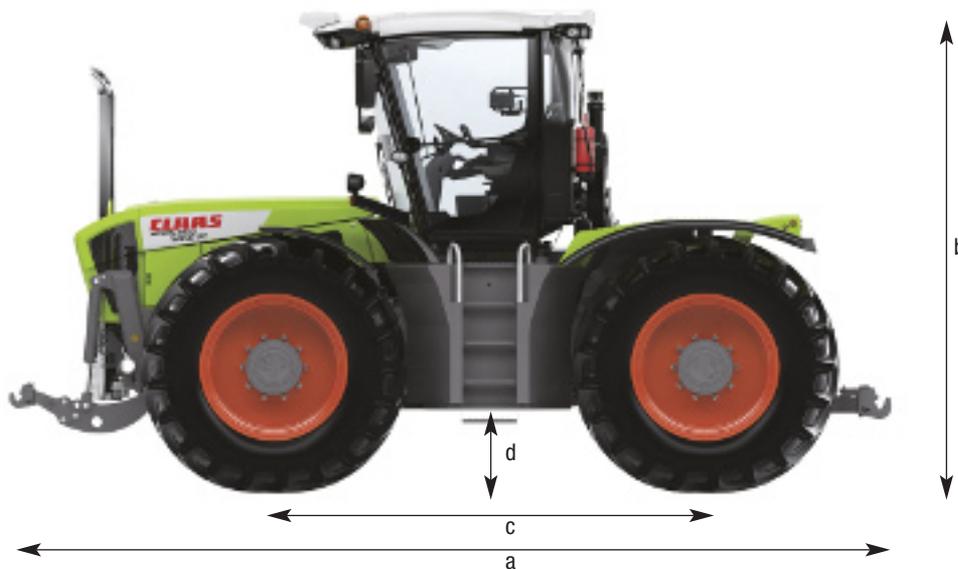
So, when are you going to
make XERION a permanent
fixture for your operation?



	XERION 3300 TRAC XERION 3300 TRAC VC	XERION 3800 TRAC XERION 3800 TRAC VC
Engine		
6-cylinder, turbocharged and intercooled Caterpillar engine	•	•
Displacement	8,804	8,804
Rated speed (rpm)	2,100	2,100
Power rating (kW/HP) at 2,100 rpm to ECE R 24	224/305	253/344
Power rating (kW/HP) at 2,100 rpm to 150TR1439C	246/335	268/364
Max. output at engine speed to ECE R 24 150 TR1439C	246/335 at 1,600 to 1,800	279/379 at 1,800
Max. torque at engine speed (m at rpm)	1,500 at 1,500	1,620 at 1,400
Fuel tank capacity (l)	620	620
Transmission		
ZF ECCOM 3.5	•	•
Infinitely variable CVT transmission	•	•
Maximum speed in either direction (km/h)	50	50
Rear PTO 1,000 rpm, pto stubshaft	1 3/4" (20 splines and 6 splines)	1 3/4" (20 splines and 6 splines)
Axial differential	100 % lockable, multi-plate	100 % lockable, multi-plate
Drive steer axles		
Differential locks	100 % lockable electro-hydr. engagement, multi-plate, automatic	100 % lockable electro-hydr. engagement, multi-plate, automatic
Chassis		
TRAC concept	Four equally sized wheels	Four equally sized wheels
Steering	Four-wheel steering, front/rear-wheel steering, crab steering	Four-wheel steering, front/rear-wheel steering, crab steering
Weight distribution (front / rear)	53 %/47 %	53 %/47 %
Ballast (t) at 50km/h (depending on national law)	up to 18	up to 18
Brakes		
Operating brake	hydraulic, wet multi-disc brake power-assist, acting on all four wheels	hydraulic, wet multi-disc brake power-assist, acting on all four wheels
Handbrake	electrohydr. release for accumulated brake	electrohydr. release for accumulated brake
Hydraulic system		
Max. oil tank capacity (l)	130	130
Max. oil reserve (l)	80	80
Auxiliary circuit (auxiliary spool valves)		
Max. operating pressure (Mpa/bar)	20/200	20/200
Total flow rate (l/min)	190	190
No. of auxiliary spool valves	5	5
Max. flow per valve	110	110
Max. hydraulic output (kW)	45	45
Power hydraulic system (option)		
Operating pressure (bar)	260	260
Max. flow rate at rated speed 2,100 rpm (l/min)	235	235
Max. hydraulic output (kW) at min. 1,200 rpm)	90	90
Attachment systems		
All tongue loads (kg)		
Automatic hitch, D38 pin, ball-type	2,000	2,000
Ball hitch, 80 ball system	3,000	3,000
Headstock Piton Fix	3,000	3,000
Headstock with 80 ball system	4,000	4,000
Drawbar, short, D33, D40, D50 pin	3,000	3,000
Drawbar with 80 ball system	3,500	3,500
Hitch ball behind cab 110 mm	15,000	15,000
CJUNA D3, 50 mm	2,500	2,500

	XERION 3300 TRAC XERION 3300 TRAC VC	XERION 3800 TRAC XERION 3800 TRAC VC
Front linkage		
Continuous lifting capacity	Cat III N, double-acting 70/80/841	Cat III N, double-acting 70/80/841
Max. lifting capacity (kN)/max. lift range (mm)		
Function	Lift, lower float position	Lift, lower float position
Rear linkage		
Continuous lifting capacity (kN)/ Max. lifting capacity (kN)/max. lift range (mm)	Cat III N, double-acting 115/117/756	Cat IV N, double-acting 115/117/756
Shifting function	Lift, lower (push), float position	Lift, lower (push), float position
Control function	Position/draft control vibration damping	Position/draft control vibration damping
Weights and dimensions		
Overall length excl. front weights (mm) (a)	6,630	6,630
Overall width (mm)	min. 2,490	min. 2,490
Overall height depending on tyres (mm) (b)	3,720	3,720
Wheel base (mm) (c)	3,300	3,300
Ground clearance depending on equipment (d)	32" diameter rim, 470 mm; 42" diameter rim, 570 mm	32" diameter rim, 470 mm; 42" diameter rim, 570 mm
Min. turning circle (m)	12	12
Net weight (without tyres) (kg)	10,200	10,200

Tyre versions to suit any application	Track in mm	Machine width in mm	Model Michelin	Continental	Goodyear	Other
540						
540/80 R38 172A8, 167D	1,962	2,512				Nokian
650						
650/85 R38 173A8, 173B	2,240	2,930	MACHXBIB		DT 824	Kleber – TOPKER/Trelleborg – TM 900 HP
IF 650/85 R38 179A8, 175D	2,240	2,936	AXIOBIB			
650/75 R38 168A8, 175A2	2,132	2,785				Nokian – Forest King T SF
710						
710/70 R42 173A8, 173B	2,240	2,975	XM 28		DT 824	Trelleborg – TM 900 HP
IF 710/70 R42 174A8, 170D	2,240	2,994	AXIOBIB			
800						
800/65 R32 172A8, 169B	2,172	2,985	MEGAXBIB	AC 70 H	DT 822, STR	Trelleborg – TM 2000 (178A8, 175B)
800/70 R38 173A8, 173B	2,290	3,100	MACHXBIB		DT 830	
IF 800/70 R38 179A8, 175D	2,162	3,000	AXIOBIB			
900						
900/60 R32 176A8, 173B	2,280	3,190	MEGAXBIB (176B)	SVT	DT 830	Trelleborg – TM 2000
900/60 R38 172A8, 169D	2,400	3,260		SVT		
900/50 R42 168A8, 168B	2,400	3,300	MACHXBIB		DT 830	



CLAAS continually strives to adapt its products to meet practical requirements. Thus, all products are subject to changes. All descriptions and specifications in this brochure should be considered as approximate and may include optional equipment that is not part of the standard specifications. This brochure is designed for worldwide use. Please refer to your nearest CLAAS dealer and their price list for local specification details. Some protective panels may have been removed for photographic purposes in order to present the function clearly. Never remove these protective panels yourself, to avoid any risk of danger. In this respect, please refer to the relevant instructions in the operator's manual.

Technical information

Powerful reasons.

- Full frame for highest carrying capacity
- TRAC concept featuring four equally sized and up to 2.05 m diameter wheels
- 8.8-litre, 6-cylinder 247 KW/340 HP CAT engine (XERION 3300) and 279 KW/388 HP (XERION 3800)
- 1,500 Nm (XERION 3300) and 1,620 Nm maximum torque (XERION 3800)
- Most powerful power-splitting gearbox on the market
- Permanent four-wheel drive, axial differential, transverse differential
- 50 km/h at reduced and fuel-saving engine speed
- Cruise control
- 18 t permissible total machine weight, fully roadworthy (depending on national law)
- Powerful remote services with abundant lifting capacity
- Optional power hydraulic system
- Four-wheel steering for maximum manoeuvrability
- Automatic crab steering for soil protection
- Easy and quick ballasting for easy adaptation to any application
- Spacious cab
- CEBIS colour screen; easy-to-learn system offers intuitive operation after only a short time of learning
- CLAAS GPS PILOT for accurate parallel guidance, even at night
- Pivoting cab for superior visibility and operator comfort in either direction of travel
- Versatile machine to operate as truck or system tractor
- FIRST CLAAS SERVICE® around the clock



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