

XERION 3300
Technology & reports from the area of forestry

CLAAS

TEAM 05.07





Master of all trades – for forestry work too.

335 hp engine output and over 300 hp PTO output – impressive figures for the XERION TRAC VC, which is proving itself yet again as the expert for forestry work. The new measures for working comfort are also striking: the XERION's rotating cab allows you to switch from a forward-facing to a rearfacing position in less than a minute. In the rearfacing position, you will enjoy an unparalleled overview of the machines working behind – and still with all the comfort features in the cab.

The flexibility of the XERION is most impressive when you compare it to special self-propelled machines. Whether it is used with woodchippers, mulchers, stump mulchers or other machines, a XERION can be put to work on the most diverse tasks throughout the year.

As a system vehicle, it offers you three hitching areas instead of the two previously available. With a road speed of 50 km/h, you can move quickly and flexibly between sites.

A better weight distribution, great manoeuvrability, four-wheel and crab steering, continuously variable and fully reversible transmission – these are just some of the many further advantages of the XERION. How they materialise in practice is reported by various XERION owners on the following pages. You can also form a picture of whether and how the XERION can adapt to your requirements. CLAAS and your local CLAAS tractor partners are available for in-depth consultations.



DDH forestry and landscape A/S: Impressive performance for challenging forestry applications	4	QTS group in Strathven/Lanarkshire: XERION TRAC VC travelling through the woods...	15
Forestry company and contractor Georg Allgayer in D-89522 Heidenheim, Germany: Comparing the XERION and a normal tractor is like comparing chalk and cheese	6	XERION TRAC/TRAC VC – Unique in its power class	16
Thorsten Mutzbauer, contractor in Sulzbach- Rosenberg: An investment for the future...	8	XERION 3300 – specifications	17
Contractor Horst Schildmeier: It's a pleasure to use...	10	Service/equipment partners	18
Contractor Hermann Kestermann: High chopping output and more mobility	12		

Impressive performance for challenging forestry applications.



Forestry experts from Danish company "DDH Forst und Landschaft A/S" have been testing a XERION in challenging practical applications for the past two and a half years. The concept and technology behind the Class XERION were pitted against standard tractors from other manufacturers. The results were so impressive that in 2006 DDH invested in two further XERION TRACS with rotating cabs for use in clearing work and woodchip production.

Forestry, horticulture, landscaping and related industries form the main focus of activities performed by the 800 employees at "DDH Forestry and landscape A/S" (DDH). DDH offers local authorities, motorway maintenance companies, private and state forestry commissions and other customers a variety of services and products, in which forestry plays an important role. Consequently, DDH produces a total of 1.1 million metres of debris per year just from wood-chipping.

DDH uses around 80 large-scale machines such as harvesters, wood-chippers, transporters and clearing machines making it one of the largest collections of forestry machinery in Europe. Erik Baunbæk is responsible for developing machinery and application procedures at DDH and he gave us his impression of tests with the XERION.

"For clearing, we use self-propelled tracklayers, as well as tractors with mounted mulchers, stump mulchers and clearing mulchers," explains Erik Baunbæk. "With our tractors, 300 HP signified the limit of available engine capacity. Only tracked vehicles achieve higher capacities, but always involve using an expensive flat bed trailer for on-road transport. Consequently, we looked for a more powerful tractor for clearing, preferably with a stepless transmission, yet still good for on-road transport."

Since the end of 2003, Erik Baunbæk and a team of colleagues have been testing a XERION 3300 with rotating cab, 335 HP Cat engine and stepless ZF transmission. Initially, DDH mounted its own forest protection equipment. 50% of work was then performed with a 2.5-m mulcher, 40% with a 2.3 m clearing mulcher and 10% with a stubble mulcher. Two and a half years later, at the start of 2006, the team had completed more than 4,300 hours of testing. "The XERION impressed us all," reveals a satisfied Erik Baunbæk, "so much so that we have now bought two more."

Erik Baunbæk went on to explain the various criteria that resulted in the positive test verdict. "The XERION has more HP, good engine characteristics and the engine offers extremely high torque. Also, the stepless ZF Eccom transmission is the best system we have ever used. It is up to 100% reversible and can also operate easily at full loads in reverse gear. It can respond much more rapidly to obstacles than the transmission on our previous standard tractors. The performance of the PTO is also good and transmission losses are low. Even the service life has been impressive, in spite of the high loads.

The rotating cab – more convenient and easier to handle than any conventional reversing equipment.





In contrast to the high levels of performance required of our clearing machines, fuel consumption is extremely low, with an average of 35 litres per hour, the same as a standard tractor. The XERION gives us the same fuel consumption as a tractor, but provides 20% to 25% more power.

The improved weight distribution and reduced loading on the rear axle are extremely beneficial when working or travelling on roads, which is very important given the 6.5-t weight of the mounted equipment. Four-wheel steering and the optional crab steering make the XERION much more agile, despite its size. Improved weight distribution and high manoeuvrability make heavy implements easier to handle. The lifting power on the XERION can also cope with our heavy clearing machines.

One of the key benefits of the XERION is the rotating cab, as it makes it much easier to handle than any other standard reverse drive unit. In addition, it offers improved visibility over the implements and greater comfort." And last but not least, the test machine offered impressive durability and reliability, as no problems occurred. "And we always received an excellent service from CLAAS when it was required," concludes Erik Baunbæk.

Since the end of 2006, three XERIONs have been in use at DDH. The test machine will continue to work in clearing, as will one of the two new XERIONs. Number 3 has been converted into a self-propelling vehicle with a fixed woodchipper and grabber crane by the experts at DDH. They have fitted an approx. 18 m³ collecting bunker behind the rotating cab.

This XERION is primarily used for branch clear-up and clearing work within settled areas. DDH perceives the good manoeuvrability and the ability of transferring between sites at 50 km/h as additional advantages of this tractor combination. Mobility and flexibility are combined, which neither a self-propelled woodchipper nor a standard tractor can offer.



The XERION with a fixed woodchipper, grabber crane and 18 m³ bunker.

XERION Forest

Comparing the XERION and a normal tractor is like comparing chalk and cheese.

Together with three permanent employees and two temporary labourers, the company carries out a whole host of clearing, transporting and wood-chipping activities, including grass mulching, verge mowing and road clearing. The farm is equipped with an Impex-Tiger 20 harvester, a 12-tonne transporter, two Fasttrac machines as well as a lorry for transporting wood chippings. In mid-2005, this was supplemented by the addition of a XERION TRAC VC with rotating cab, which operates with a Mus-Max wood chipping machine and an Eco wood mulcher.

The XERION was purchased to replace a 260 HP standard tractor. "We were satisfied with that too," explains Ralf Allgayer, "but it had already completed more than 4,500 operating hours with the PTO. That's why we looked around for a new tractor and we had the opportunity to see the XERION for the first time close up at the ZLF agricultural exhibition in Munich." The contract was signed at the start of 2005 and the new XERION was delivered to the farm in June. By the end of 2005, it had already logged 500 operating hours.

"The most impressive feature for us was the rotating cab. The benefits have been noticeable in my day-to-day work with the machine. The reverse drive unit on our standard tractor wasn't bad, but there was always something that got in the way. But with the XERION's rotating cab, it's like doing a totally different job," emphasises Ralf Allgayer.

The working direction has to be changed seven or eight times a day, so it's much more practical and more convenient if you can remain sitting comfortably in the cab. Because the XERION cab is constructed slightly higher, visibility is much improved for someone like Ralf Allgayer, who works with a wood-chipper that can process trunks up to 42 cm in diameter and is supplied via an 8.5-m long on-board crane. "Now I can see directly into the hopper."

Even with the 2.98 m wood mulcher, specially purchased to suit the size of the XERION, visibility is significantly improved. This mulcher is used for clearing building sites or areas damaged in storms or for creating forest aisles and tracks. Up to 20 cm thick pine branches can be cleared with a front-mounted ramming frame before being chopped using the mulcher and worked into the soil at a depth of 6 cm. The crab steering on the XERION comes into its own here. When using the 3.4-t mulcher on slopes, you can easily countersteer uphill with all four wheels and with crab steering engaged on one side. In addition, the XERION's excellent manoeuvrability cannot be underestimated in forestry work.

Ralf Allgayer is also pleased with the Xerion's economical fuel consumption, which averages 23 litres per operating hour. He puts this down to the fact that he can operate the XERION with maximum 1,900 rpm within the fuel-sav-



Ralf Allgayer Junior: "The ideal machine for our forestry work!"

"We deliberated purchasing a XERION for a long time. After all, it doesn't come cheap, but it offers so much more!" Following their decision to purchase a XERION 3300 TRAC VC for their forestry contracting company, Georg Allgayer in 89522 Heidenheim, Ralf Junior and his father Georg Allgayer have been nothing but satisfied.



ing partial load range, even with a forager. "The XERION operates in such a way that it always has capacities in reserve. And that is extremely important given the current fuel prices."

Ralf Allgayer concludes, "We are not only satisfied with the machine, but also with the service provided by CLAAS. Comparing the XERION and a normal tractor is like comparing chalk and cheese. When it comes to farm work, if you've already worked with the XERION, then it's almost certain that this is what you'll choose. For our intensive work it's the ideal machine!"

The wood-chipper can process trunks up to 42 cm in diameter.

An investment for the future ...



Because heating oil and gas are becoming ever more expensive, wood-fuelled heating systems and therefore the wood chipping industry are experiencing a boom. New and long-established contractors are partially or fully specialising in the productive generation of wood chip and are increasingly relying on the benefits of the XERION: an unbelievable PTO output and the outstanding view from the rotating cab.

This was also the case for Thorsten Mutzbauer. The reason for him purchasing a second chopping unit was a result of the decision taken in his home town in 2005 to construct a new biomass power plant with an electrical output of 4.5 MW and heating output of 22 MW. Once it is completed (end of 2006), the daily requirement of this plant will be approx. 650 metres of debris per day. Once the power plant operator had commissioned Mutzbauer to take on some of the wood chipping work, the young contractor quickly realised that he would have to invest in a new 300 hp tractor from a different manufacturer.

However, this all changed when he saw the XERION in front of a woodchipper for the first time at Agritechnica 2005. "It made a striking impression. The rotating cab was the deciding factor, but the output too was enormous and no comparison with the other tractor that we had already tried." Thorsten Mutzbauer has now been using his own XERION in front of a Jenz 561 woodchipper since



Thorsten Mutzbauer: "The rotating cab was the deciding factor, but the output too was enormous."

Thorsten Mutzbauer has been working as a contractor in Sulzbach-Rosenberg in the Upper Palatinate region of Germany for a few years. In 2002, he purchased a small chopper to make wood chippings for his own farm. He was then able to sell his wood chipping services to other farmers in the region and purchased a Heizomat chopper and a 200 hp tractor. Today, the 26-year-old uses a QUADRANT 2200 large-scale baler and two choppers and employs a permanent member of staff and 4 temporary staff.



mid July 2006 and continues to be captivated by it: "Everyone who sees what the XERION achieves says that it is inconceivable how much wood the thing can devour." Hourly outputs of up to 120 m³ of wood chippings are possible. "I knew that the machine was good, but just how good..."

And he even has an explanation for this. The 8.8 litre cubic capacity, 1.5 litres more than in an alternative tractor, gives the engine in the XERION a very flexible torque characteristic. The power transmission is also highly effective, as the PTO shaft assembly runs straight with no diversions via a transfer gearbox. In fact, over 300 hp is achieved at the PTO – Mutzbauer's BayWa workshop has measured it. The fuel consumption while chopping is an average of 0.5 litres per loosely packed cubic metre. This is about 16 % less than the comparable value (0.6 litres) in alternative tractor combinations. When calculated over a day, this can make a difference of up to 100 euros.

Thorsten Mutzbauer also emphasises about the rotating cab. "The overview of the wood piles, the crane and the chipping trough is simply ideal, which of course gives a better working result. Besides, the cab – our day-to-day workplace – is extremely spacious and comfortable," an opinion shared by Mutzbauer's driver, Alexander Gradl and mechanic, Klaus Erras.



Industrial wood is also processed into wood chippings for the new biomass power plant.

Mutzbauer's target utilisation for the year is 1,200 to 1,500 hours. "Even if our business only uses it in front of the chopper, the fact that it can be used for different applications is a great advantage: with a mower or liquid manure attachment, for heavy towing jobs... this tractor can do everything and is an investment for the future. This versatility is also good for the resale value," says Mutzbauer, identifying another benefit.

It's a pleasure to use.

Schildmeier's customers in the wood chipping area and for other landscape conservation and municipal work are farms, highways departments, waterways authorities and private individuals. This second income started in 1985 with small choppers that were fed by hand and quickly developed into the ideal enhancement to the range of agricultural services offered. It allows Horst Schildmeier, the fourth generation to manage this company founded in 1914, to guarantee the employment of his six permanent employees.

In the course of time, it was only natural that ever larger woodchippers would be required and thus also larger tractors, "until the time eventually came when we needed something in the order of 250 hp, and the XERION proved to be the ideal machine," Schildmeier reflects on the purchase of the first XERION in 2000. The second XERION was put to work at the start of 2006, together with a new Jenz chipper (0.6 x 1.0 m feeder opening). During the first half of this year, even before the large-scale baler was used, the new 335 hp machine had already put in 800 hours with the woodchipper, predominantly clearing up after regional storm damage.

"The output of a chipper ultimately depends on the output at the PTO of the tractor: the better the engine, the more power is generated at the PTO and the greater the output. The XERION has proven itself extremely snappy at the PTO shaft and it maintains the speed very well. It really is a pleasure to use," says Horst Schildmeier. With shrub

material, the new combination achieves between 50 and 70 metres of debris per hour. With trunk wood stored at the side of the road, 120 to 130 metres of debris is possible.

As well as the high PTO outputs, Schildmeier also considers the rotating cab as a further significant benefit of the XERION. "With this cab, the workspace remains as it is. Whether you are driving or working, you always have the same comfortable situation. Because you sit above the tractor wheels, not in between them, you can work perfectly on the embankment with the grabber both to the left and right – it's almost as simple as picking up a sandwich from a plate with your hand. The high position also allows you to see directly into the hopper of the chipper."

Thanks to the elevated seat position, the driver also has an uninterrupted view of the 40 m³ chipping trailer that is attached behind the chipper. All functions on the trailer are operated hydraulically from the XERION so that the driver need not leave the tractor during the work. These include raising the roof, lowering the front panel, raising the rear flap and discharging the scraper floor. Schildmeier also praises the manoeuvrability of the XERION: "The four-wheel steering allows you to manoeuvre fantastically. You can push the chipper into any corner so easily when compared to a standard tractor. This is of great benefit in building yards, for example, where there is often very little space."



At 800 hours in the first half of the year, use of the XERION has so far been limited to work in front of the woodchipper, but Schildmeier is considering other applications: "As a system vehicle and with the rotating cab, it has significant advantages over standard tractors. In the future, we will also use it for other municipal work where we can benefit from the better view and the many hitching and mounting options."

Driver Heiko Führung and Horst Schildmeier: "For trunk wood that is stored at the side of the road, outputs of 120 to 130 metres of debris is possible."

Horst Schildmeier can already look back on many years' experience of wood chipping. His contracting company has been known as a specialist in this work, among other things, in and around the Petershagen area in eastern Westphalia for 20 years. In this time, his company has employed two XERIONs in front of woodchippers.



The rotating cab gives a perfect view of the crane, hopper and trailer.

XERION Forest

High chopping outputs and more mobility.



Highways departments, for whom Hermann Kestermann fells and removes trees and shrubs along the roadsides, generally only pay for the felling these days. The cost of chopping and removal must therefore be calculated when selling wood chippings. A contributing factor to the success of a company is therefore the marketing of the wood chip, but also the optimisation of costs and procedures: "The one man who operates the chipper must achieve a lot so that we can keep to our quotes," says Hermann Kestermann.

Before purchasing the XERION, Kestermann used a 600 hp tractor of his own development: the chassis of a self-propelled forage harvester with integrated chipper that had to be fed from the front. "However, this made it difficult to work over the crash barriers on the roads. Also it is often necessary for the chopper to be loaded from the side, because we must not endanger the traffic with chips of wood flying into the road," says Kestermann. For these applications, the XERION with its woodchipper which is loaded from the side is ideal. The XERION combination also offers high chopping outputs, more mobility and flexibility.

This also pays off on smaller sites. Because only one driver is required for the combination of XERION, chipper and trailer. The large self-constructed chopper also requires a shovel to feed it and therefore a second man on site. "For half a day's work, the large chopper is hardly worth it," according to Kestermann.

In practice, there is often a hook-lift trailer with 40 m³ interchangeable containers that can be placed on a truck for long distance transportation. In order to be able to perfectly control the execution and loading, the combination is equipped with two cameras and a screen in the cab: one camera behind the chopper to see the trailer opening and to watch the container and a second camera on the top of the discharge spout to watch the container loading.

Hermann Kestermann also considers the rotating cab a significant benefit, because it is important to be able to see the working range of the crane and chipper during wood chipping. As a system vehicle with rotating cab, the XERION also gives him an advantage if he uses it with mowing outriggers for waterway conservation in the future. For chopping and mowing, Kestermann plans that the XERION should achieve a total of 1,200 to 1,500 working hours/year.



Hermann Kestermann in front of the new XERION: today, he employs 8 permanent members of staff in his contracting company that was founded in 1988.

Hermann Kestermann in D-48282 Emsdetten, Germany has specialised in waterway conservation and wood chipping. He has used a XERION TRAC VC in front of a Jenz Hem 561 woodchipper since mid 2006.



Upper picture: high chopping outputs and more mobility and flexibility than with a self-propelled vehicle are important advantages of the XERION combination for Hermann Kestermann.

The view of the crane and chipper is perfect from the rotated cab.

Wood chipping piles on the Kestermann premises. Covered with fleece material, they generate a heat of 40 to 50 degrees. The heat forces out the moisture, according to Hermann Kestermann. After approx. 9 months, the material is dried to 20 to 25 % of the moisture so that it can be sold.





Delivered in November, the pivoting cab 335 HP XERION TRAC VC has been equipped with a Heizomat HM 14-800 woodchipper, which is the only machine of its type in the UK. It has a 80 cm intake, fed using a HIAB crane remotely operated from the cab. In addition the XERION will be used to power an AHWI UZM700 mulcher to clear the roots after felling.

Operations Manager Alan McLeish admits that it was only when he saw the tractor 'in the flesh' that he could fully appreciate the potential it had to achieve the productivity they were seeking.

“Because a lot of the timber is worthless, we have been looking at biofuel, creating woodchips for fuelling heating boilers, as a by-product from our site clearance work,” he explains.

“To be efficient, the more mechanised and higher output you can achieve, the better. The problem with most large woodchippers is that they tend to be static at sawmills, but with the XERION we can go to site and get the whole job chipped and cleared in one visit.”

In operation, the XERION with its 50 km/h roadspeed and front and rear linkage, provides QTS with the ability to travel to the site, carrying the AHWI mulcher on the front, whilst towing the woodchipper behind.

To provide greater clearance, the XERION has been 'shod' with 710/70 tyres and fitted with an underbelly plate to protect it when mulching stumps.

On site, having dropped off the mulcher, the cab on the XERION is swung round to operate the woodchipper and loading crane. Capable of taking in hard or soft timber up to 80 cm in diameter, the Heizomat has the ability to chip about 30-35 tonnes an hour. After chipping, the AHWI mulching head, which has a 70 cm wide rotor fitted with carbide hammers and requires at least 300 HP, is used to clear the stumps.



XERION TRAC VC

travelling through the woods...

A XERION 3300 TRAC VC, powering one of the largest woodchippers available in the UK, has been bought by forest management specialists QTS.

The QTS Group, based near Strathaven in Lanarkshire, provides a wide range of services for major authorities and companies throughout the UK, and specialises in forest management, particularly alongside railways and site clearance for councils, wind farms or development work.

Phil Jones manages the GTQ Group in Strathaven, Lanarkshire. He talks to us about his experience using a XERION TRAC VC for forestry work.



“The photographs certainly did not do the XERION justice – it’s an awesome machine. The rotating cab is excellent and high enough that the operator has a clear view of not only the chipper, but all around which is important for safety. The XERION replaced a reverse drive tractor, which apart from not being powerful enough, also had restricted visibility because the cab was too low,” says General Manager Phil Jones.

“The XERION is an awesome and versatile piece of kit and well matched to the woodchipper – when you put a large hardwood trunk through it certainly knows it’s there, although the chipper is fitted with an antistress system. It gives us the ability to achieve high outputs on site, and we are now looking at other machines it can operate, such as a stump grinder to make it more versatile.”

“CLAAS Service is also very important, not only from our dealer GORDONS, but also from CLAAS because the XERION could be working anywhere in the UK. “In the XERION we have a new, successful concept and will be able to grow with it.”

Unique in its power class



XERION 3300 TRAC / VC

Design:

Full frame concept, 18 t permissible total weight for road travel up to 50 km/h; in the field: 15 t max. load per axle, 30 t max. weight.

Engine:

246 kW/335 hp max. output at 1,700 rpm, water-cooled six-cylinder Caterpillar C9 turbo engine with charged-air cooling, 8.8 l cubic capacity, max. torque 1,450 Nm

Transmission:

Stepless ZF ECCOM 3.5 – transmission, power shift transmission, 50 km/h with reduced engine speed 1,800 rpm, option 40 km/h

Axles and chassis:

RABA steering axles front and rear, pivoting front axle, electronic four-wheel steering, two axle differentials, 1 intermediate axle differential, all lockable with disc locks, permanent all-wheel drive

Steering:

Electronic four-wheel steering with six steering programs, e.g. all-wheel drive, crab steering

Brakes:

Wet multi-disc brakes, hydraulically actuated, acting on all four wheels, hand brake, spring-loaded brake

Rear lifting gear:

Category III, 11.5 t max. lifting power, electro-hydraulic lower linkage control, dual-acting, vibration dampening

Front lifting gear (optional):

Category III/IIN, 8.2 t max. lifting power, dual-acting

Hydraulic system:

Two axial piston pumps each with 150 l/min and 200 bar, max. five dual-acting control devices with time and quantity regulation and adjustable response times, removable oil volume 80 l

Output hydraulics (optional):

260 bar operating pressure, 235 l/min max. delivery rate at 2,100 rpm, 90 kW max. hydraulic output

Rear PTO shaft:

1,000 rpm, electro-hydraulically controlled

Tyres:

Four tyres of equal size, 540/80 R 38 to 900/60 R 38, low tyre inflation pressures (less than 1.0 bar) with max. load-bearing (soil protection)

Cab:

CLAAS XERION CAB, fully sprung cab with climate control, rotatable through 180°, CEBIS II system for complete machine control, multi-function lever, accelerator pedal

Driving modes:

Automatic (accelerator pedal), cruise control with two forward and two reverse memory settings, electronic throttle mode for a constant engine speed (PTO operation), manual mode using the pedal and fingertip lever

XERION 3300 specifications

Engine		
Caterpillar 6-cylinder, turbo, charge-air cooler		
Cubic capacity (cm ³)	8,800	
Rated speed (rpm)	2,100	
Rated output (kW/hp) at 2,100 rpm in accordance with ECE-R24	224/305	
Max. output (kW/hp) at 1,700-1,800 rpm in accordance with ECE-R24	246/335	
Max. torque (Nm) at 1,500 rpm	1,450	
Fuel tank capacity (litres)	620	
Transmission		
ZF ECCOM 3.5		
Infinitely variable CVT transmission		
Final speed in both directions (km/h)	50	
Rear PTO shaft with 1,000 rpm, PTO shaft stub	1 ³ / ₄ " (20-spline and 6-spline)	
Interaxle differential	100 % lockable, disc type construction	
Driven steering axles		
Differential locks	100 % lockable, electro-hydraulically actuated, disc construction type, with automatic function	
Chassis		
Trac design	Four wheels of the same size	
Steering	All-wheel steering, front-wheel/rear-wheel steering, crab steering	
Weight distribution (front/rear)	55 % / 45 %	
Ballast (t) at 50 km/h	up to 18	
Brakes		
Service brake	hydraulically actuated wet disc brakes, external power boost, acting on all wheels	
Parking brake	electro-hydraulically released spring-loaded brake	
Hydraulic system		
Max. capacity of hydraulic reservoir (litres)	130	
Max. removable volume (litres)	80	
Main circuit (linkage, auxiliary spool valves)		
Max. operating pressure (Mpa/bar)	20/200	
Max. flow rate (litres/min)	150	
Max. No. of auxiliary spool valves	5	
Max. flow rate per valve (litres/min)	110	
Max. hydraulic output (kW)	45	
Connecting device		
All drawbar loads in (kg)		
Automatic trailer hitch, D38 crowned bolts	2,000	
Tow ball trailer hitch, ball system 80	3,000	
Ball system hitch 80	4,000	
Short drawbar, D40 and D50 bolts	3,000	
Ball system 80 drawbar	3,500	
Front linkage		
Category III N, double acting		
Continuous lifting power (kN)/max. lifting power (kN)/max. lifting distance (mm)	70/82/841	
Functions	Lift, lower, floating position	
Rear linkage		
Category III, double acting		
Continuous lifting power (kN)/max. lifting power (kN)/max. lifting distance (mm)	115/117/756	
Functions	Lift, lower (press), floating position	
Control function	Position/tractive resistance, vibration damping	
Dimensions and weights		
	XERION TRAC with centred cab	XERION SADDLE TRAC with over-engine cab
Overall length without front weight (mm)	6,630	6,630
Overall width (mm)	min. 2,490	min. 2,490
Overall height depending on tyres (mm)	3,720	4,000
Wheel base (mm)	3,300	3,300
Ground clearance depending on equipment	32" wheel rim diameter 470 mm, 42" wheel rim diameter 570 mm	
Smallest turning circle (m)	12 m	12 m
Unladen weight (without tyres) (kg)	10,200	10,200
XERION variants		
XERION TRAC	Tractor with central cab	
XERION TRAC VC	Rotating cab with 2 positions (centre and rear)	
XERION SADDLE TRAC	Cab at the front above the engine, large mounting area behind the cab	
Option ball in the centre for hitching a semitrailer (mm)	110	

CLAAS continually strives to adapt its products to better 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 world-wide use. Please refer to your nearest CLAAS dealer and their price list for local specification details. In the photographs, some safety devices were removed in order to present the function clearly. All machines comply with current machine regulations.



Optimum service is just as important as the technology. That is why, at CLAAS, this service is part of the company philosophy. You therefore have access to a close-knit network of expert CLAAS sales partners who are equipped with the necessary diagnostics systems and special tools to carry out maintenance and repair work quickly and cost-effectively.

The workshop employees are provided with regular training, which means that your sales partner is always up to date and can, if necessary, provide you with quick and

expert help. The sales partners are supported by the service team from the CLAAS service department from your regional competence centre.

For spare parts, high levels of availability and a quick, functional logistics concept are imperative. The CLAAS spare parts concept also begins with your sales partner, from whom you can collect all the necessary wear and repair parts.

XERION equipment partners.

JENZ GmbH - chippers and wood processing
Machine and vehicle construction
Wegholmer Str. 14, D-32469 Petershagen, Germany
Tel.: +49 - (0) 5704/9409-0, Fax: +49 - (0) 5704/9409-47, or / 1533
info@jenz.de

AHWI Maschinenbau GmbH
Im Branden 15, D-88634 Herdwangen, Germany
Tel.: + 49-(0)7557-9212-0, Fax: + 49-(0)7557-9212-92
info@ahwi.com

Automatic steering systems
AGROCOM GmbH & Co. Agrarsystem KG
Potsdamer Straße 211, D-33719 Bielefeld, Germany
Tel.: +49 (0)521 / 2079 0, Fax: +49 (0)521 / 2079 500
E-mail: info@agrocom.com, www.agrocom.com

Forestry equipment
SCHLANG & REICHERT
Micheletalweg 9, D-87616 Marktoberdorf, Germany
Tel.: +49 (0)8342 / 9633 0, Fax: +49 (0)8342 / 9633 33
E-mail: info@s-und-r-forsttechnik.de
www.s-und-r-forsttechnik.de

A. RITTER & SÖHNE GmbH & CO. KG
Klosterstraße 3, D-77736 Zell a. H., Germany
Tel.: +49 (0)7835 / 638780, Fax: +49 (0)7835 / 8282
E-mail: info@ritter-maschinen.com
www.ritter-maschinen.com



XERION Forest

CLAAS KGaA mbH
Postfach 1163
33426 Harsewinkel
Deutschland
Tel. +49 (0)5247 12-0
claas.com

04/07 (Be) englisch 10/000 256 076.0

