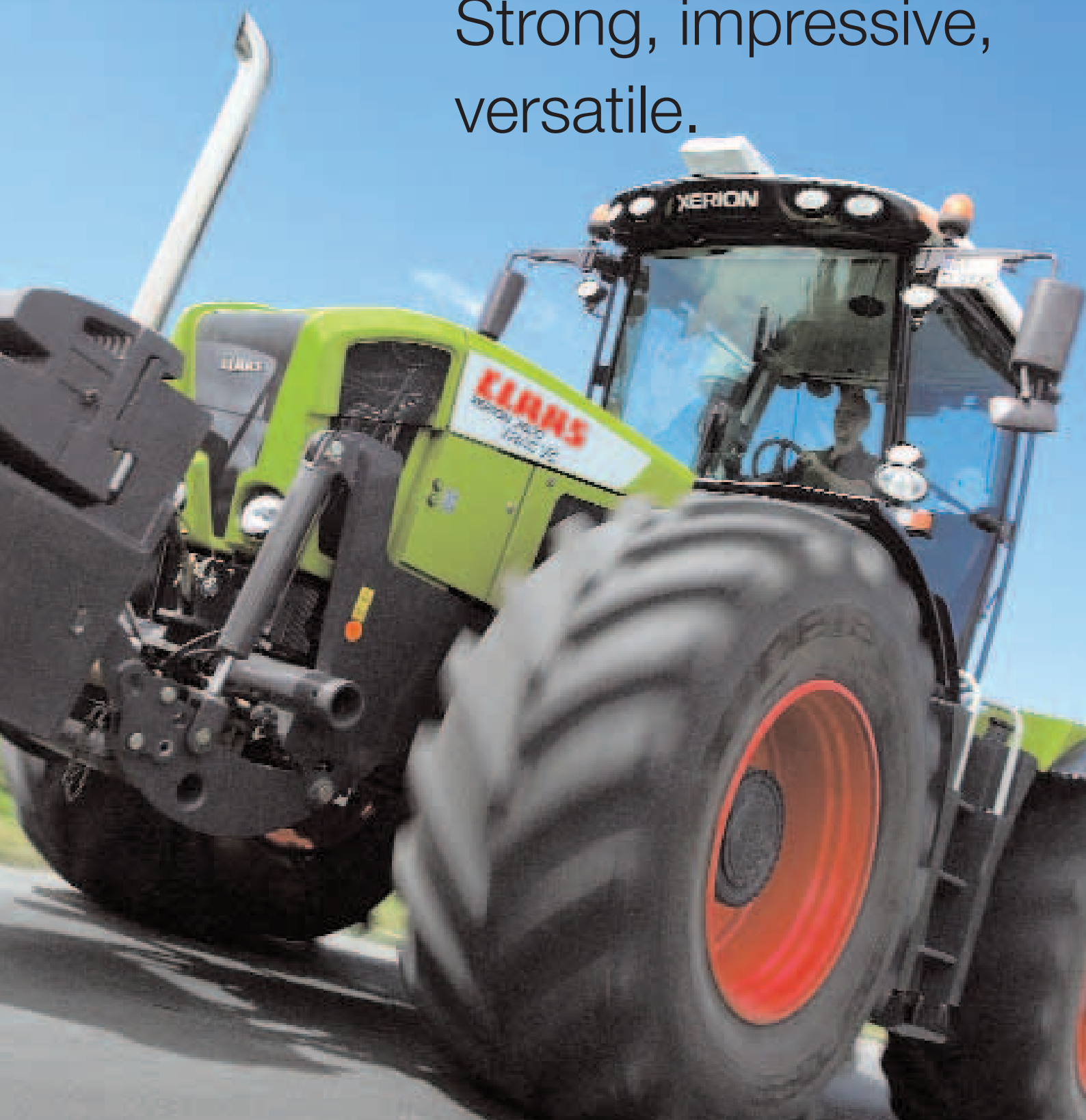


XERION 3300
XERION 3800

CLAAS

Strong, impressive,
versatile.







Performance and versatility — the foundation for SUCCESS.

With the launch of the new XERION at Agritechnica 2003, CLAAS laid the foundations for another success story.

Since then, there have been impressive results to show that the XERION not only proves itself as a tractor in heavy soil cultivation but also as a system tractor with an extremely broad range of attachments and chassis add-ons. Many major suppliers from a various industries now offer special system solutions for the XERION concept in cooperation with CLAAS in order to satisfy individual customer needs.

On the following pages, you too can discover the versatility that no other can offer: the XERION from CLAAS.

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XERION 3800 TRAC VC with
12 m LEMKEN HELIODOR,
8 to 10 cm working depth,
12 to 16 km/h working speed,
area coverage: 16 ha/hour
and more



The XERION in heavy soil cultivation.

The components of the XERION are designed for considerably longer and harder use than standard tractors. All parts have passed the hardest tests and strictest quality controls. One reason why you will always experience the XERION in perfect form. No matter how or when you use it.

The clear advantages:

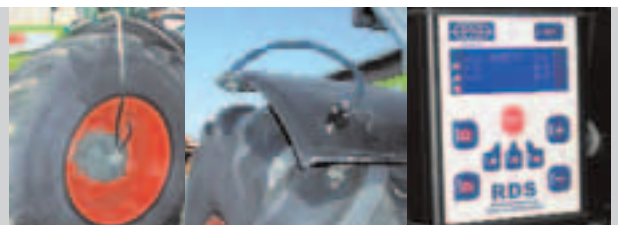
- High power and area coverage
- Impressive: Up to 379 HP and 1,620 Nm torque
- Optimal weight distribution
- Optimal traction
- Permanent 4-wheel drive
- Extreme manoeuvrability thanks to four-wheel steering
- Sturdy full frame design

Gentle on the field:

- Four large-volume wheels with larger contact area than standard tractors
- Low slippage
- Especially gentle on the field with diagonal crab steering

XERION technical equipment:

- Recommended tyres: 800/70 R38 or 650/85 R38
- Tyre pressure control system available
- Ballasting possible with rear weight plates
- CLAAS GPS PILOT for precise driving in parallel



Impressively capable.



The pay off:

- Low fuel consumption per unit of area
- High reliability
- Simplifies road transport: dual wheels are not required
- Additional utilisation of the XERION as a system tractor e.g. for mowing, seeding or spreading fertiliser

The comfort factor:

- The cabin is large with a good view
- Operation is intuitive with multifunction grip and CEBIS colour monitor
- Cruise control and CLAAS GPS PILOT make the work easier
- The continuously variable transmission guarantees the working speed and effective use of the engine output



Soil cultivation

Gives as hard as it gets.

The XERION combining cultivation with seeding.

The enormous tractive power and load capacity of the XERION are especially impressive during seeding. The full frame design allows for maximum loads, which are distributed evenly over the four equally sized wheels.



XERION technical equipment:

- Recommended tyres: 800/70 R38 or 900/60 R38
- 190 l hydraulic pump (series)
- CLAAS GPS PILOT for precise driving in parallel, even during night work



The clear advantages:

- High power and work rates
- Impressive: Up to 379 HP and 1,620 Nm torque
- Constantly high output at the power take-off shaft due to straight power take-off line
- Enormous lifting capacity on front and rear hydraulics: Front 8.2 t, rear as much as 11.7 t
- Third chassis mount point for seed and fertiliser tanks
- Fast and flexible, in all fields conditions
- High hydraulic output for attachments

Gentle on the field:

- Four large-volume wheels with larger contact area than standard tractors
- Lower slippage, resulting in even travel of the field
- Extreme manoeuvrability thanks to four-wheel steering

The pay off:

- Soil cultivation and drilling in a single step
- High power and therefore low fuel consumption per unit of area
- Optimal ratio of cost to benefits with absolute reliability
- Additional utilisation of the XERION as a system tractor, e.g. for mowing, spreading fertiliser or municipal work

The comfort factor:

- The cabin is large with a good view
- Operation is intuitive with multifunction grip and CEBIS colour monitor
- Work is made simpler by the headland management CSM (CLAAS SEQUENCE MANAGEMENT)
- Cruise control and CLAAS GPS PILOT make the work easier
- The continuously variable transmission guarantees the working speed and effective use of the engine output



Soil cultivation



The XERION TRAC and TRAC VC spreading fertiliser.

In order to spread slurry large quantities and of fertiliser or substrate precisely and according to the needs of the plants, effectively and at the optimal time, the XERION makes sense: With impressive work rates and amazing gentleness on the field.

The clear advantages:

- High power and work rates
- Large tank volume for trailer and gooseneck tanks
- Improved traction thanks to 15 t drawbar load transfer to XERION with gooseneck coupling
- Uncomplicated, fast tank filling
- Excellent manoeuvrability
- Optimal handling through steering ability to correct slope drift
- Power hydraulics with max. 235 l/min and up to 90 kW power transmission

Gentle on the field:

- Offset wheels while driving with diagonal crab steering
- Four large-volume wheels with larger contact area than standard tractors
- Optimal weight distribution means earlier opportunities to drive on the field
- No advance running of the front axle and four wheel steering — that spares topsoil and crops

XERION technical equipment:

- Transmission with power take-off and power hydraulics
- Trailer hitch ball with 7 t drawbar load (for gooseneck tank)
- Pivoting front power gear upon request (for mounted tank on TRAC VC)
- CLAAS GPS PILOT for precise driving in parallel, even during night work



Precise and effective down to the last detail.



The pay off:

- Low fuel consumption per m³ of slurry thanks to the use of power hydraulics and low engine speed
- Enormous power to spread and incorporate slurry
- High total utilisation with optimal flexibility

The comfort factor:

- The cabin is large with a good view
- Operation of the fertiliser unit is intuitive and practical
- Cruise control and CLAAS GPS PILOT make the work easier
- The continuously variable transmission guarantees the working speed and effective use of the engine output



Spreading slurry

The powerful and, above all, economical alternative.

The XERION SADDLE TRAC spreading fertiliser.

You will work especially profitably when you utilise an ideal combination: The XERION SADDLE TRAC with mounted tanks up to 15 m³ and slurry trailers up to 26 m³.



XERION technical equipment:

- Slurry unit driven by power hydraulics
- Axle oscillation lock
- Pivoting rear linkage gear (for mounted tanks)
- Trailer ball hitch with 15 t drawbar load (for mounted tanks), centrally lubricated
- CLAAS GPS PILOT for precise driving in parallel, even for night work



The clear advantages:

- You work with a self-propelled machine
- Up to 15 m³ tank volume for mounted tanks, up to 26 m³ for semi-mounted tanks
- The full frame design allows carrying of loads (up to 36 t on the farm)
- Improved traction
- Uncomplicated, fast tank filling
- High spreading output
- Optional: Power hydraulics with max. 235 l/min and up to 90 kW

Gentle on the field:

- Offset wheels while driving with diagonal crab steering
- Four large-volume wheels with larger contact area than standard tractors
- Optimal weight distribution means earlier opportunities to drive on the field
- Low slippage
- No advance running of the front axle and four wheel steering — that spares topsoil and crops

The pay off:

- Low fuel consumption per m³ of spread fertiliser
- Enormous power in to spread and incorporate the slurry
- Additional utilisation is possible, e.g. soil cultivation

The comfort factor:

- The cabin is large with a good view
- Operation of the fertiliser unit is intuitive and practical
- Cruise control and CLAAS GPS PILOT make the work easier
- The continuously variable transmission guarantees the working speed and effective use of the engine output



Spreading slurry

Master of all trades.







The XERION TRAC VC while mowing.

Yet another area in which the XERION is strong and can prove its versatile talent. It offers high work rates with minimum damage to the soil. Thanks to the pivoting cabin, you always have a perfect overview of the three mowing and mulching units.

The clear advantages:

- Mowing with self-propelled characteristics
- Impressive: High area coverage
- High power transmission even when pushing
- Simple operation via the fingertip lever and optimal view of all mowing units
- Fast moving between working locations

The pay off:

- Low fuel consumption per unit of area
- Optimal ratio of cost to benefits with absolute reliability
- Additional utilisation of the XERION as a system tractor e.g. for soil cultivation, seeding or spreading fertiliser

XERION technical equipment:

- Hydraulic top link
- 5 control devices
- Adapter triangle and coupling set (for DISCO 8550 PLUS)



Cut better with more power.



Gentle on the field:

- Optimal weight distribution and large-volume tyres mean earlier opportunities to drive on the field
- No advance running of the front axle and four wheel steering — minimises ground impact

The comfort factor:

- The cabin is large with a good view
- Fast cooler cleaning thanks to reverse fan
- Operation is intuitive with multifunction grip and CEBIS colour monitor
- Cruise control makes the work easier
- The continuously variable transmission guarantees smooth operation
- For still greater comfort: The inching pedal



Faster rolling with crab steering.

The XERION TRAC VC on the silage clamp.

Here again, the XERION shows how much it can take. Because in addition to the 18 t permissible total road weight, you can easily add another 18 t without leaving the farm. The result: Excellent compression, even up to the edge of the silo with crab steering; and all that with fewer passes.



XERION technical equipment:
• Standard equipment TRAC VC



The clear advantages:

- Profitable work thanks to higher rolling performance
- Takes loads up to 36 t on the farm for excellent compression
- Large area compression by driving with diagonal crab steering
- Dual wheels are not required
- High transverse force

The pay off:

- High rolling performance with only one driver and one machine
- Low fuel consumption per hour
- Optimal ratio of cost to benefits with absolute reliability
- Additional utilisation of the XERION as a system tractor e.g. for soil cultivation, seeding or spreading fertiliser

The comfort factor:

- The cabin is large with a good view
- Reversing is quick and comfortable
- The continuously variable transmission guarantees smooth operation



Silage packer



The XERION TRAC VC doing forestry work.

In the woods, on the edges of roads or in parks, it does a hard day's work. The XERION TRAC VC chops wood and mulches complete tree stumps. The enormous power of its power take-off shaft makes it a true powerhouse. But it always remains nimble and extremely comfortable for the driver. From his seat in the cabin, he enjoys a full view of the crane and mulcher at all times.

The clear advantages:

- High hourly performance
- More effective, constantly high efficiency at the power take-off shaft due to straight power train
- Very elastic torque
- Optimal view of the tool and environment with pivoted cabin
- Enormous manoeuvrability thanks to all-wheel steering

XERION technical equipment:
• Optional forestry equipment



Uproot trees all day long.



The pay off:

- Low fuel consumption per unit of work
- Optimal ratio of cost to benefits with absolute reliability
- Additional utilisation of the XERION as a system tractor, e.g. for mowing ditches or other municipal work

The comfort factor:

- Perfect overview thanks to high seat location
- Constant view through the front windshield and maximum comfort even with pivoted cabin
- Operation is intuitive with multifunction grip and CEBIS colour monitor
- The continuously variable transmission guarantees smooth operation



Forestry work

There is practically nothing
it can't do.





The XERION in special applications.

In field, woods or meadow: The XERION can really do it all. No wonder that it is used successfully even outside agriculture, proving its enormous capabilities in municipal work, road construction and even strip mining for RWE.



XERION 3300 TRAC/TRAC VC/SADDLE TRAC

Engine

Caterpillar 6-cylinder, turbo, charge air intercooler

Displacement (cm ³)	8,804
Rated speed (rpm)	2,100
Rated power (kW/HP) at 2100 rpm acc. to ECE R 24	224/305
Max. power (kW/HP) at 1700-1800 rpm acc. to ECE R 24	246/335
Max. torque (Nm) at 1500 rpm	1,500
Fuel tank volume (l)	620

Transmission

ZF ECCOM 3.5

Continuously variable traction drive CVT	
Top speed in both directions (km/h)	50
Rear power take-off shaft with 1000 rpm, power take-off stub	1 3/4" (20-part and 6-part)
Longitudinal differential	100% lockable, lamella design

Powered steering axle

Differential locks	100% lockable, electrohydr. actuation, lamella design, with automatic function
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Chassis

TRAC concept	Four equally sized wheels
Steering	All-wheel steering, front wheel / rear wheel steering, crab steering
Weight distribution TRAC/ TRAC VC (front/rear), SADDLE TRAC (front/rear)	53%/47%, 60%/40%
Ballasting (t) at 50 km/h	up to 18 (varies by country)

Brakes

Main brake	Hydraulically activated wet multiple disk brake, power-enhanced, active on all wheels
Parking brake	Electro-hydr. actuated spring-loaded brake

Hydraulic system

Max. volume of hydraulic tank (l)	130
Max. removable volume (l)	80

Main circuit (power lift, additional control equipment)

Max. operating pressure (Mpa/bar)	20/200
Max. flow rate (l/min)	190
Max. number of additional control devices	5
Max. flow per disc (l/min)	110
Max. hydraulic output (kW)	45

Power hydraulics

Operating pressure (bar)	260
Max. flow rate at rated speed 2,100 rpm (litre/min)	235
Max. power output (kW) at min. 1,500 rpm	90

Connecting system

All drawbar loads in (kg)	
Trailer coupling automatic, pin D38 spherical	2,000
Trailer coupling hitch ball, ball system 80	3,000
Trailer block piton fix	3,000
Trailer block ball system 80	4,000
Adjustable drawbar short, pin D33, D40, D50	3,000
Adjustable drawbar ball system 80	3,500
Trailer hitch ball rear cabin 110 mm (TRAC/TRAC VC)	
Trailer hitch ball centred 110 mm (SADDLE TRAC)	15,000
CUNA D3, 50 mm	2,500

Front power gear

Category III N, double-action	
Lifting capacity continuous (kN)/lifting capacity max. (kN)/lifting distance max. (mm)	70/82/841
Switching function	Lift, lower, float position

Rear power gear

Category III, double-action	
Lifting capacity continuous (kN)/lifting capacity max. (kN)/lifting distance max. (mm)	115/117/756
Switching function	Lift, lower (press), float position
Control function	Position/tractive resistance, vibration absorption

Dimensions and weights

Total length without front weights (mm)	6,630
Total width (mm)	min. 2,490
Total height depending on tyres TRAC/ TRAC VC (mm)/SADDLE TRAC (mm)	3,720/3,930
Wheel base (mm)	3,300
Ground clearance depending on equipment	32" rim diameter 470 mm, 42" rim diameter 570 mm
Smallest turning circle (m)	12 m
Unloaded weight (without tyres) (kg)	10,200

XERION 3300 TRAC	Tractor with cabin in the middle
XERION 3300 TRAC VC	Pivoting cabin with two positions (middle and rear)
XERION 3300 SADDLE TRAC	Cabin in front above engine, large mounting surface behind the cabin

XERION 3800 TRAC/TRAC VC/SADDLE TRAC

Engine Caterpillar 6-cylinder, turbo, charge air intercooler

Displacement (cm ³)	8,804
Rated speed (rpm)	2,100
Rated power (kW/HP) at 2,100 rpm acc. to ECE R 24	253/344
Max. power (kW/HP) at 1,800 rpm acc. to ECE R 24	279/379
Max. torque (Nm) at 1,400 rpm	1,620
Fuel tank volume (litres)	620

Transmission ZF ECCOM 3.5, Continuously variable traction drive CVT

Top speed in both directions (km/h)	50
Rear power take-off shaft with 1,000 rpm, power take-off stub	1 ³ / ₄ " (20-part and 6-part)
Longitudinal differential	100% lockable, lamella design

Powered steering axle

Differential locks	100% lockable, electrohydr. actuation, lamella design, with automatic function
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Chassis

TRAC concept	Four equally sized wheels
Steering	All-wheel steering, front wheel / rear wheel steering, crab steering
Weight distribution TRAC/ TRAC VC (front/rear), SADDLE TRAC (front/rear)	53%/47%, 60%/40%
Ballasting (t) at 50 km/h	up to 18 (varies by country)

Brakes

Main brake	Hydraulically activated wet multiple disk brake, power-enhanced, active on all wheels
Parking brake	Electrohydr. actuated spring-loaded brake

Hydraulic system

Max. volume of hydraulic tank (litres)	130
Max. removable volume (litres)	80

Main circuit (power lift, additional control equipment)

Max. operating pressure (Mpa/bar)	20/200
Max. flow rate (litres/min)	190
Number of additional control devices	max. 5
Max. flow per disc (litres/min)	110
Max. hydraulic output (kW)	45

Power hydraulics

Operating pressure (Mpa/bar)	26/260
Max. system pressure (Mpa/bar)	29.5/297
Max. flow rate at rated speed 2,100 rpm (litres/min)	235
Max. power output (kW) at min. 1,500 rpm	90

Connecting system

All drawbar loads in (kg)	
Trailer coupling automatic, pin D38 spherical	2,000
Trailer coupling hitch ball, ball system 80	3,000
Trailer block piton fix	3,000
Trailer block ball system 80	4,000
Adjustable drawbar short, pin D33, D40, D50	3,000
Adjustable drawbar ball system 80	3,500
Trailer hitch ball rear cabin 110 mm (TRAC/TRAC VC)	
Trailer hitch ball centred 110 mm (SADDLE TRAC)	15,000
CUNA D3, 50 mm	2,500

Front power gear Category III N, double-action

Lifting capacity continuous (kN)/lifting capacity max. (kN)/lifting distance max. (mm)	70/82/841
Switching function	Lift, lower, float position

Rear power gear Category III, category IV (optional) double-action

Lifting capacity continuous (kN)/lifting capacity max. (kN)/lifting distance max. (mm)	115/117/756
Switching function	Lift, lower (press), float position
Control function	Position/tractive resistance, vibration absorption

Dimensions and weights

Total length without front weights (mm)	6,630
Total width (mm)	min. 2,490
Total height depending on tyres TRAC/ TRAC VC (mm)/SADDLE TRAC (mm)	3,720/3,930
Wheel base (mm)	3,300
Ground clearance depending on equipment	32" rim diameter 470 mm, 42" rim diameter 570 mm
Smallest turning circle (m)	12 m
Unloaded weight (without tyres) (kg)	10,200

XERION 3800 TRAC

Tractor with cabin in the middle

XERION 3800 TRAC VC

Pivoting cabin with two positions (middle and rear)

XERION 3800 SADDLE TRAC

Cabin in front above engine, large mounting surface behind the cabin

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.





XERION 3300 / 3800 Tyre Table

	Track Width in mm	Vehicle Width in mm	Type				
			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 (Width 3,143 mm)		Trelleborg – TM 2000
900/60 R38 172A8, 169 D	2,400	3,260		SVT			
900/50 R42 168A8, 168B	2,400	3,300	MACHXBIB		DT 830		

The arguments add up.

The advantages.

- Strong: Full frame design for maximum load capacity
- Round: The TRAC concept with four equally sized wheels
- Optimal: Weight distribution of 53% front and 47% rear
- Loadable: Up to 18 t permissible total weight with full road compatibility (varies by country)
- Impressive: Carries loads up to 36 t on the farm (up to 10 km/h)

Exactly the reserves of strength you need.

- Powerful: 6-cyl. CAT C9 engine with max. 279 kW/379 HP (acc. to ECE R24, XERION 3800)
- Balanced: 1,620 Nm torque at 1,400 rpm (XERION 3800)
- Impressive: Most powerful torque-split continuously variable transmission on the market, fully reversible
- Expedient: 50 km/h with reduced engine speed
- Impressive: Over 300 HP at the power take-off shaft thanks to highly efficient power transmission

Greatness even in the smallest detail.

- Ingenious: Permanent all-wheel drive, longitudinal and transverse differential
- Brawny: Hydraulics with max. 8.2 t lifting capacity at front and 11.7 t at rear
- Optional: Power hydraulics with a power transmission up to 100 kW
- Mobile: Four-wheel steering for maximum manoeuvrability
- Versatile: Five steering modes (incl. crab steering for less impact on the field)
- Flexible: Quick weight adjustment through easy ballasting

We've thought of everything so you can relax.

- Comfortable: The new large cabin and CSM (CLAAS SEQUENCE MANAGEMENT)
- Organised: CEBIS colour monitor for intuitive operation in no time
- CLAAS GPS PILOT for precise driving in parallel, even during night work
- Adaptable: The pivoting cabin for perfect view and comfort in both driving directions (TRAC VC)
- Profitable: More efficiency through higher utilisation as tractor and/or system tractor
- First-class: FIRST CLAAS SERVICE® around the clock



Take a look at how the XERION could fit into your operations.

Your Claas dealer will be happy to assist you with detailed information at any time.