



Dual-purpose wagons

CARGOS

8500 8400 8300



The new CARGOS.





For day-to-day agricultural operations, you need more than just robust machinery; you need technology that works and is a pleasure to work with – technology that keeps on working reliably even when the going gets tough, and when there seems to be no end in sight. And, what's more, you need harvesting systems that fit together seamlessly. As one of the leading system providers in the area of forage harvesting, CLAAS has just the right harvesting chain for every farm size.

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cargos8000.claas.com

The little CARGOS that makes a big difference.

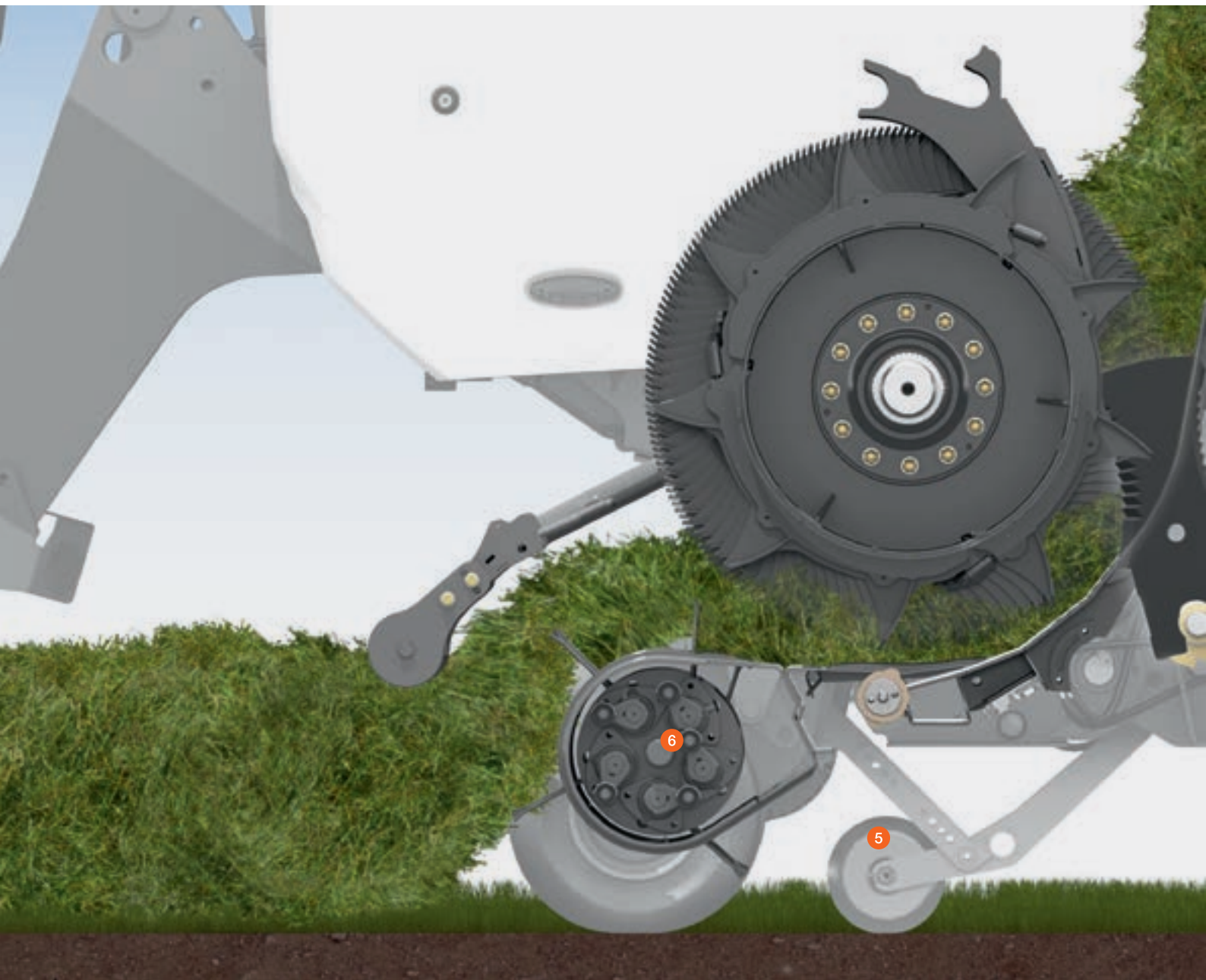


The dual-purpose wagon for all-year-round use.

With the new CARGOS 8000 model series, CLAAS presents a dual-purpose wagon that is just right for you. As a loader wagon, it impresses with the new EFFICIENT FEEDING SYSTEM (EFS) crop flow concept, which is powerful, yet at the same time easy on the forage. By removing the loading assembly and the metering rollers, the CARGOS can be converted from a loader wagon to a sturdy forage transport wagon in just a few minutes. It can then be used to transport maize silage, wood chips or biomass. The CARGOS 8000 is ideal for heavy-duty, continuous operation, and can prove its worth all year round.

CARGOS		Loading volume (DIN)	With medium compression
8500	m ³	41	82
8400	m ³	35.5	71
8300	m ³	30	60

Ideal crop flow.



Easy on the forage, agile, and efficient: the new EFS for even better crop flow.

- 1 Automatic loading function via hydraulically regulated filling flap and torque recording in drive train (optional)
- 2 EFS with 500-mm inclination of the scraper floor; can be pivoted hydraulically for convenient knife changing and rapid discharge
- 3 Chopper housing structurally separate from the blade holders, and can be lowered hydraulically for easy maintenance and cleaning
- 4 New CLAAS twin knives and innovative engagement system with adjustable knife pre-tensioning
- 5 Optional centre guide wheel for optimal ground-contour following
- 6 Pick-up control on both sides for precise crop intake, hydraulically driven and optional hydraulic suspension



The new EFS.

With the new EFFICIENT FEEDING SYSTEM (EFS) crop flow concept, the CARGOS is the perfect partner for green forage harvesting. In the EFS, the pick-up, rotor and the scraper floor, which is angled upwards towards the loading bay, all work hand in hand. Crop flow is even better in the CARGOS 8000 model series, thanks to the new loading/cutting assembly.

The 500-mm angle of the scraper floor delivers the crop directly to the loading bay after chopping, with no need for a steep and narrow loading channel above the rotor. This reduces the power required for loading by 20 percent. The result: a lightweight and nimble machine with low fuel consumption.

Top forage quality.

The rotor's 22-mm-wide feed fins deliver the harvested crop to the loading bay with a maximum degree of protection. In combination with the adjustable automated loading system, optimal loading and a high forage quality are achieved even when processing wet material.

Horizontal loading position.

The EFS crop flow system offers a further benefit: even with large-sized tyres up to 26.5", the CARGOS can be driven with horizontal loading floor. This increases the throughput while at the same time reducing the power requirement. The result is that the load on the axles and brakes is evenly spread, increasing their service life.

Team effort from the EFS components.



Pick-up.

The newly developed pick-up, which is controlled on both sides and features a 2.0-metre working width and five rows of tines, takes in large quantities of material with minimum power consumption, and provides an ideal crop flow. Thanks to the small diameter, it can transfer even wet and short-cut material efficiently to the rotor via 13 small transition plates. The speed is also lower than in an uncontrolled pick-up, ensuring that the forage stays clean. The hydraulic drive system is activated by load sensing, and is maintenance-free. The smooth start-up movement also protects the pick-up components. On request, the pick-up can be equipped with hydraulic suspension and a height-adjustable centre guide roller. This guarantees optimal ground-contour following, especially in damp conditions, protecting both the pick-up and the grass cover.



Rotor with individual tine segments.

The new, low-positioned rotor with nine rows of tines arranged in a helix formation and 22-mm-wide conveying fins guarantees optimum chop quality and transports the forage gently into the loading bay. Its 860-mm diameter ensures quiet operation and protects the drive train against load peaks. The rotor is set in motion by a bolted drive stub with a large spur gear. The tines are fitted on the rotor casing in three segments and bolted together. If necessary, individual tine segments can be simply and inexpensively replaced.



Hydraulic pick-up suspension is optionally available.



Wear-resistant Hardox strippers are mounted in sets of four on the adjustable stripper box.



Hydraulically pivoting scraper floor.

To facilitate loading, 500 mm of the scraper floor is at an angle, ensuring an ideal crop flow in the EFS. The crop is delivered directly to the loading bay from the rotor. This reduces fuel consumption, while at the same time protecting the crop. By setting the scraper floor at an angle to the loading bay interior, this also has the effect of compacting the material and increasing the load quantity per cubic metre.

The forage remains in an almost upright position and is pushed towards the rear of the wagon as a single mass, allowing an increase of up to 15 percent in the load. For the purposes of rapid discharge, the scraper floor can be pivoted hydraulically upwards into a horizontal position, or 90° downwards to provide optimum access to the loading assembly.



Optimum accessibility with the scraper floor swivelled down by 90°.



Lowerable chopper housing.

The CARGOS chopper housing is structurally isolated from the blade holders, and connected to the chassis as standard with attachment clips and bolts. A hydraulically lowered chopper housing with a locking mechanism operated from one side of the wagon is available as an option. This allows easier access for cleaning and maintenance work.



As an option, the chopper housing can be lowered hydraulically.

New twin knives with innovative design.



Further information available at: cargos8000.claas.com

Twin knives with new knife engagement.

Two cuts are better than one. The new CLAAS twin knives are sharpened on both sides and are extremely stable. The broad base at the knife tips guarantees maximum stability and keeps the knife slot constantly closed. Since they can be conveniently turned round during long working days, the 40 knives provide optimum chop quality in conjunction with minimum maintenance. All the knives are individually secured against damage from foreign objects and feature an automatic blade return function. The sensitivity of the knife engagement

can be adjusted to different operating conditions, thereby protecting the knives. If required, they can be folded away hydraulically, or replaced with blanked-off knives to prevent dirt accumulation.

Four sets of perfectly ground cutting edges with AQUA NON STOP COMFORT and the CARGOS 8000 knife-sharpening management system.



Perfectly sharpened knives at the start of the day's work



Turn the knives around, and continue with perfectly sharpened knives



Blade holders swing out for convenient knife changing.

With blade holders that pivot out hydraulically and a scraper floor that swivels 90° downwards, the new CARGOS 8000 offers optimum accessibility. The central knife locking and unlocking functions make knife changing a simple task. A knife guide secures the position of the knives as they are pivoted into place.



Holder for an additional set of knives.

An additional holder allows you to carry additional blanked-off knives or a spare set of twin knives. This means you always have four sets of perfectly sharpened knives to guarantee maximum chop quality throughout long periods in the field.



Attach the second set of knives from the holder



Turn the knives over and continue with perfectly sharpened knives



Then sharpen both sets of knives with AQUA NON STOP COMFORT, using its unique wet grinding technique

Automatically and permanently razor-sharp.



Simple operating concept: no manual intervention necessary, short set-up times.



Because the grinding angle is always correct, the original radius and contour of the knives are maintained.



AQUA NON STOP COMFORT.

The no-compromise alternative to dry grinding. The unique wet grinding system provides a simple process for grinding any standard curved knife to an incredibly sharp finish. The knives are adequately cooled throughout the grinding process to prevent overheating and the resulting loss of hardness. Any harmful dust produced during the grinding process is absorbed by the water and does not contaminate breathing air, thereby protecting your health.

AQUA NON STOP COMFORT is the first fully automatic wet grinding device for loader wagons and baler knives. The knives are ground irrespective of the degree of wear, not according to a fixed radius, but exactly along their individual contours. The device processes up to 52 knives per batch. Exchangeable templates allow the precision grinding of a huge range of knife types.

The benefits for you compared with standard grinding processes:

- Reduced fuel consumption, thanks to permanently sharp knives
- Reduced wear over a longer knife service life
- Longer service life for knives
- Reduced load on the entire drive train, thanks to perfectly sharpened knives
- Higher throughput, greater area output
- None of the downsides from dry grinding in the wagon

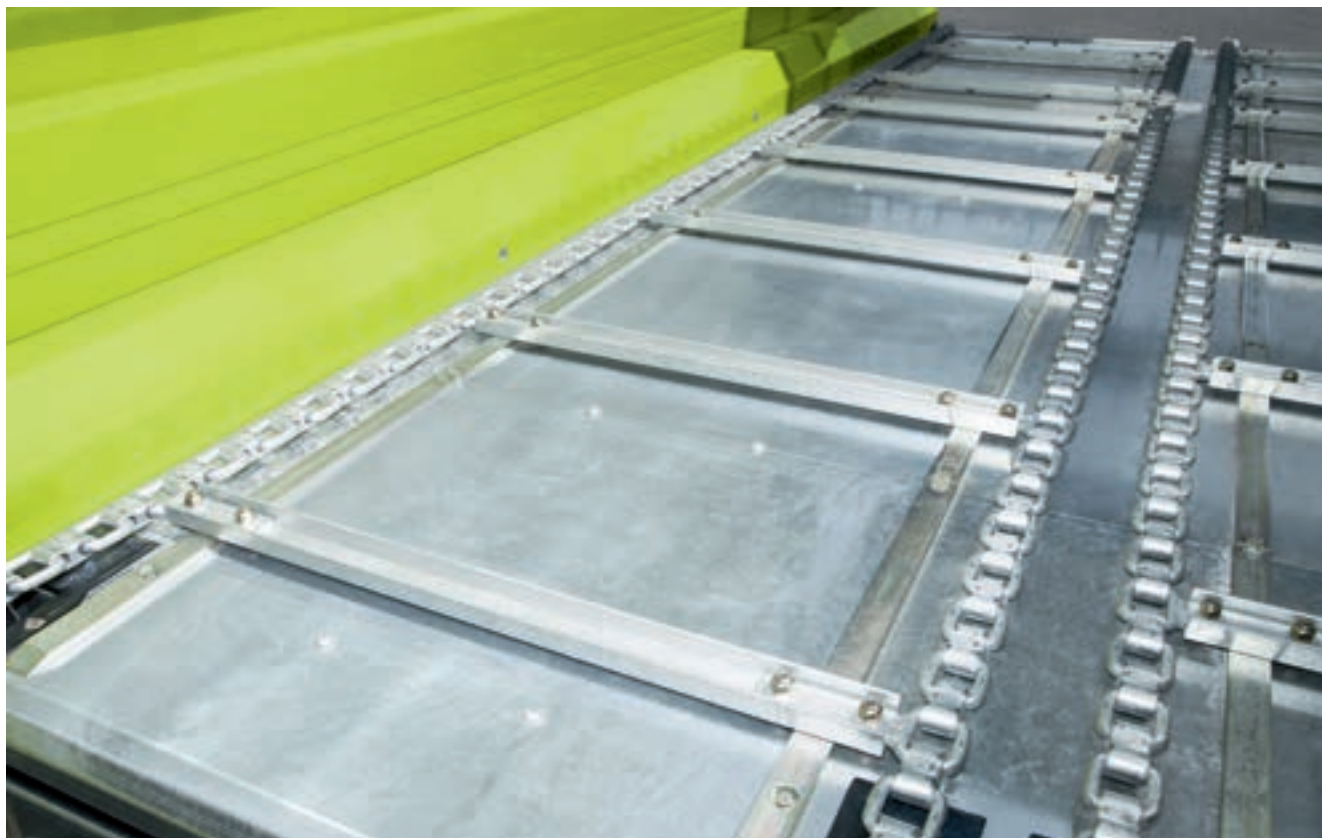


Simple filling, thanks to the fully opening housing



AQUA NON STOP COMFORT was awarded a silver medal at Agritechnica 2013.

Incredibly spacious.



Robust.

A rugged design is particularly important for operations in chopping or woodchip production mode. Made from 3-mm-thick hot-dip-galvanised steel, the scraper floor is extremely sturdy. The material is pushed towards the rear by metal guide strips and heavy-duty, corrosion-resistant scraper floor chains. Mechanical chain tensioning ensures that the required clamping force is available at all times. If required, the bolted scraper floor rails can be simply replaced.

Loading the smart way.

The CARGOS is equipped with either a rigid front plate or a filling flap that can be folded forwards hydraulically by 90°. The flap has an additional comb to prevent any forage losses during operation as a loader wagon. And during chopping or harvesting operations, it can be pivoted forward to provide plenty of free space. The filling flap can also be equipped with an integrated, adaptive automatic loading function: an angle sensor identifies the deflection of the filling flap and activates the scraper floor accordingly. An additional load-sensing bolt on the rotor drive, recording the torque, is optionally available. The combination of these two sensors guarantees optimum filling of the wagon and the full use of the loading volume.

Hydraulically folding
filling flap





Making full use of the ample space.

In wagons with metering rollers, a sensor on the lower roller triggers the full signal and limit switch disengaging the scraper floor. On wagons without metering rollers, this function is performed by a sensor on the tailgate locking mechanism. An optionally available ultrasonic sensor can measure the distance between the crop and the tailgate. When the full signal is sent via the COMMUNICATOR II, the scraper floor is switched off automatically.

Nothing goes to waste.



Metering rollers.

Installing the metering rollers is simplicity itself, thanks to the dual-purpose wagon's modular design. The optional metering roller module comprises three metering rollers and the complete drive train from the main transmission. The metering rollers, equipped with ultra-strong tines arranged in a helix formation, have a diameter of 460 mm. Their role is to ensure optimum unloading and forage distribution.

When the metering rollers are not required, the module can be removed in just 15 minutes. This increases discharge speed and boosts the payload by 0.5 tonnes. Insert sheets are used to seal the holes.



In transit.

The scraper floor drive system, safely integrated in the C-profile, is available in one- or two-speed versions. The continuous drive shaft is supported in the middle to ensure a reliable discharge operation, even with heavy loads. In unloading mode, the scraper floor can be pivoted up into a horizontal position to allow fast discharge with no residue.



Efficient discharging.

All CARGOS dual-purpose wagons have a wide-opening tailgate with adjustable opening angle. To allow full use of the available performance capacity, the discharge speed can be increased according to individual requirements. The discharge process is further assisted by the tapered body configuration, opening 5.0 cm to the rear.



Flexibility required.

Exclusive to CLAAS – the removable loading assembly.

The complete loading and cutting assembly is easily removed or installed in about 20 minutes. This helps to protect the components during chopping, and boosts payload by 2.5 tonnes. It also makes the loading assembly easy to clean and maintain.

The entire loading assembly is fastened to the chassis with just two screw connections on both the left and right sides. The only other connections involved in installation and removal operations are the hydraulic lines, the spiral tooth clutch of the drive line and the electronic connections. All assembly settings remain in place.

An optional storage frame is available for removal of the assembly. Removing the assembly also makes cleaning and maintenance procedures easier.



Releasing the hydraulic clutch



Loosening the screws



Releasing the drive shaft



Sheer comfort.





Focusing on the essentials.

The CARGOS can be operated with CLAAS OPERATOR, COMMUNICATOR II or any other ISOBUS terminal. A wide range of automatic functions can be assigned as AUX functions to the tractor keys to ease the driver's workload. An intuitive menu navigation system makes the CARGOS easy to operate, and provides a comprehensive overview of all key work and performance data at all times.



Loading volume – how much will it take?

The integrated documentation system is a real bonus for contractors and for multi-farm use. The direct in-field weight measurement technology is also ideal for farmers who keep a close eye on the comparative productivity of different areas of the farm. In combination with hydraulic suspension axles, the CARGOS can also be fitted with a load weight indicator. Total weight and payload weight are displayed to an accuracy of within $\pm 1\%$.

An optional external display shows the current net payload on the outside of the wagon. This function can be enabled and disabled from the terminal, and provides a simple and convenient way to readjust the yield measurement for the forage harvester, directly in the field.

Order printer for contractors.

The optional order printer eliminates any need for pen and notebook in the tractor cab.

Job-related details such as the number of loads, times and net tonnage (in combination with the load weight display) can be printed out via the terminal. This enables you to issue the customer a delivery note at any time.

Solidly built.





Built for the long haul.

The body is designed for strength and stamina. The chassis consists of a 300-mm-high, 5.0-mm-thick C-profile and uprights, and side walls of high-strength sheet metal.

An additional perforation in the side sheets ensures excellent visibility of the wagon during operation in chopper transport mode.

For even better crop flow, the front grilles slope 5° to the rear. Generously sized slits provide optimum visibility for the driver.

Work right through the night.



With the LED lighting kit, the knives can also be replaced without difficulty when working at night.



Safe reversing with the PROFI CAM.



Lighting package for working at night.

For working at night, an optional lighting package is available for the new CARGOS models. Up to 11 LED work lights turn night into day.

The new lighting system ensures full visibility of all critical points. Two LED work lights recessed in the drawbar provide effective lighting for the pick-up and crop flow. Another LED work light on the chopper housing makes knife changes a quick and easy task, even at night. The loading bay interior is also equipped with two LED work lights, and for safe all-round visibility there are two LED headlights on the mudguards and another four on the left and right sides. The headlights switch on automatically when an unloading operation starts, and also – when combined with ISOBUS – when the vehicle is put into reverse.

The full picture.

The PROFi CAM rear-view camera provides a full view of what is happening behind the wagon. The 7" screen can display up to four camera perspectives simultaneously.

The driving force.





Drive line.

CARGOS machines are fitted as standard with a double wide-angle drive shaft, which on the machine side drives through a 1,800-Nm, cam-type overload clutch, effectively protecting the drive components at even the highest throughput rates. The drive shaft transfers the drive force to the generously sized main transmission, which is attached to the spur gear of the rotor, operating in an oil bath. This construction greatly simplifies the coupling operation when removing or installing the loading assembly.

The metering rollers are driven via a bevel gear with integrated clutch. Overload protection of the metering rollers is with a cam-type overload clutch with cut-out torque of 1,300 Nm.



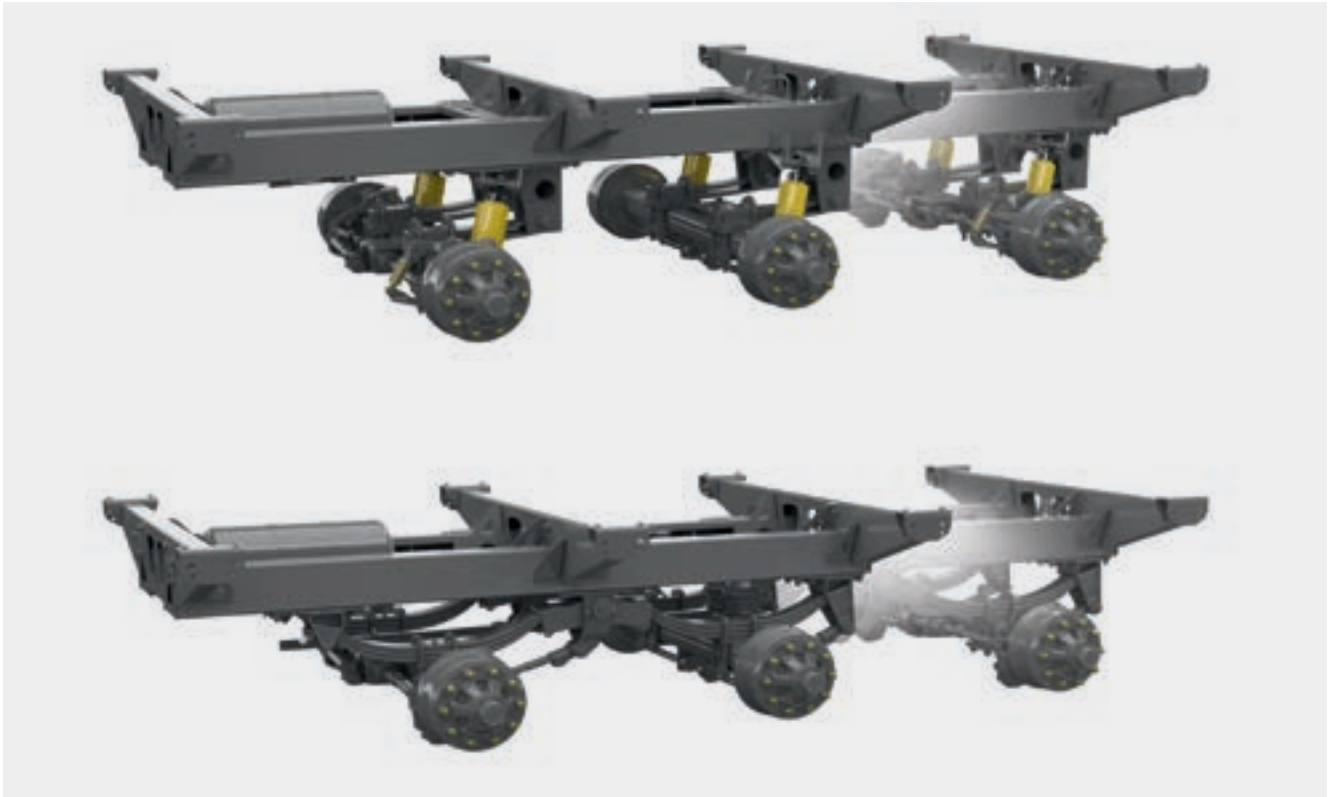
Hitching.

For maximum strength and manoeuvrability, the new CARGOS models are fitted with a robust slimline drawbar with wide pick-up on the crossbar. The dual-purpose wagon is fitted as standard equipment with a bottom hitching device with a permitted drawbar load of 3.0 tonnes. For vehicle speeds of more than 40 km/h, or for a higher permitted total weight, the CARGOS can be fitted with an optional 4.0-tonne drawbar.

According to country, the wagons are fitted with a hitching ring or the low-wear Scharmüller ball 80. For optimum comfort on the road or in the field, drawbar suspension with two accumulators is included as standard equipment. To ensure reliable lift even when running over the silage clamp or steep field entries and exits, large-size drawbar lift rams are installed in all CARGOS models.

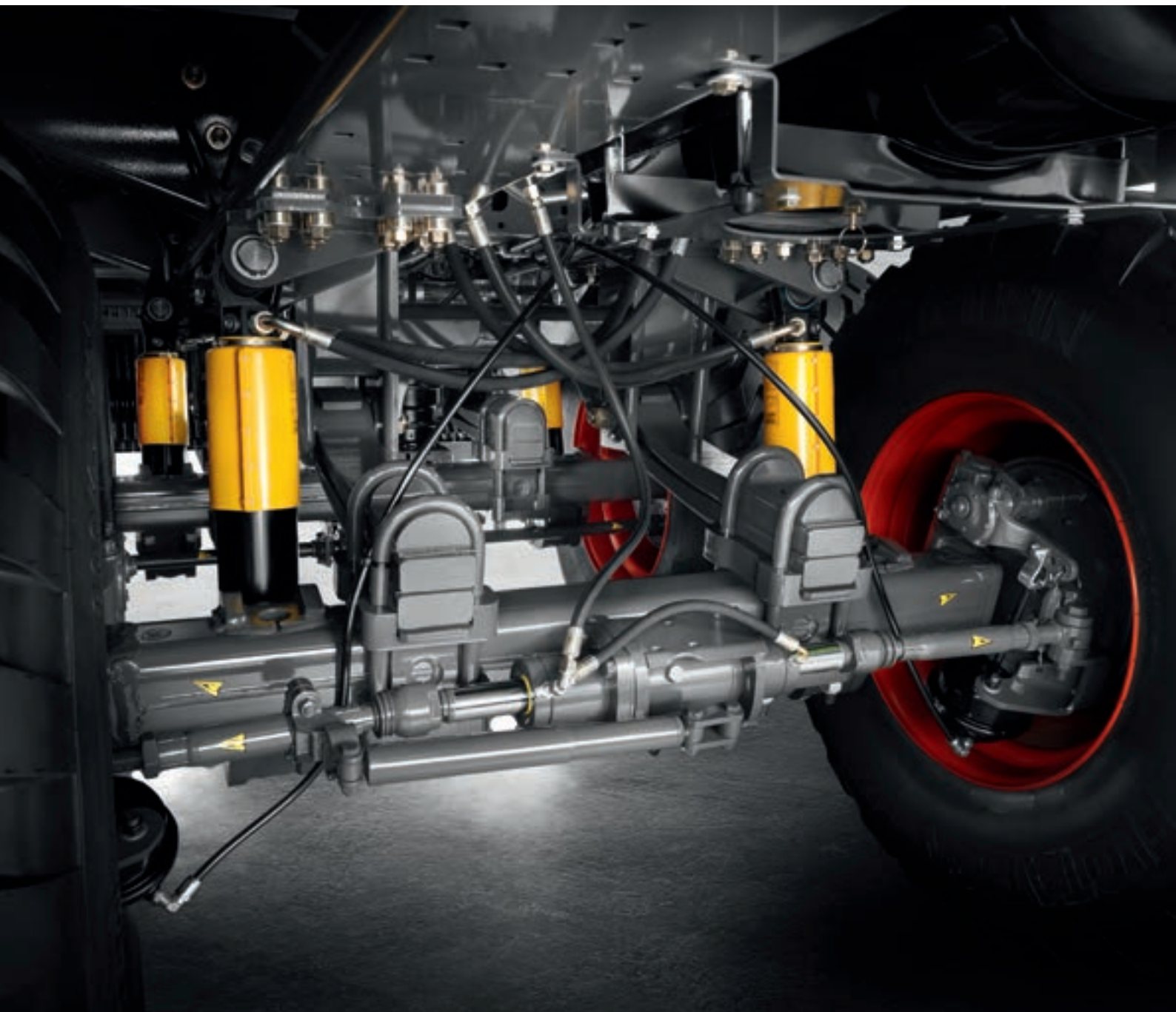
And to keep the working space clean and tidy, the wagon has a new robust sealed hose support with safe horizontal holder for all hoses and plug-in connectors. The drawbar also has an integrated height-adjustable jack.

To meet every demand.



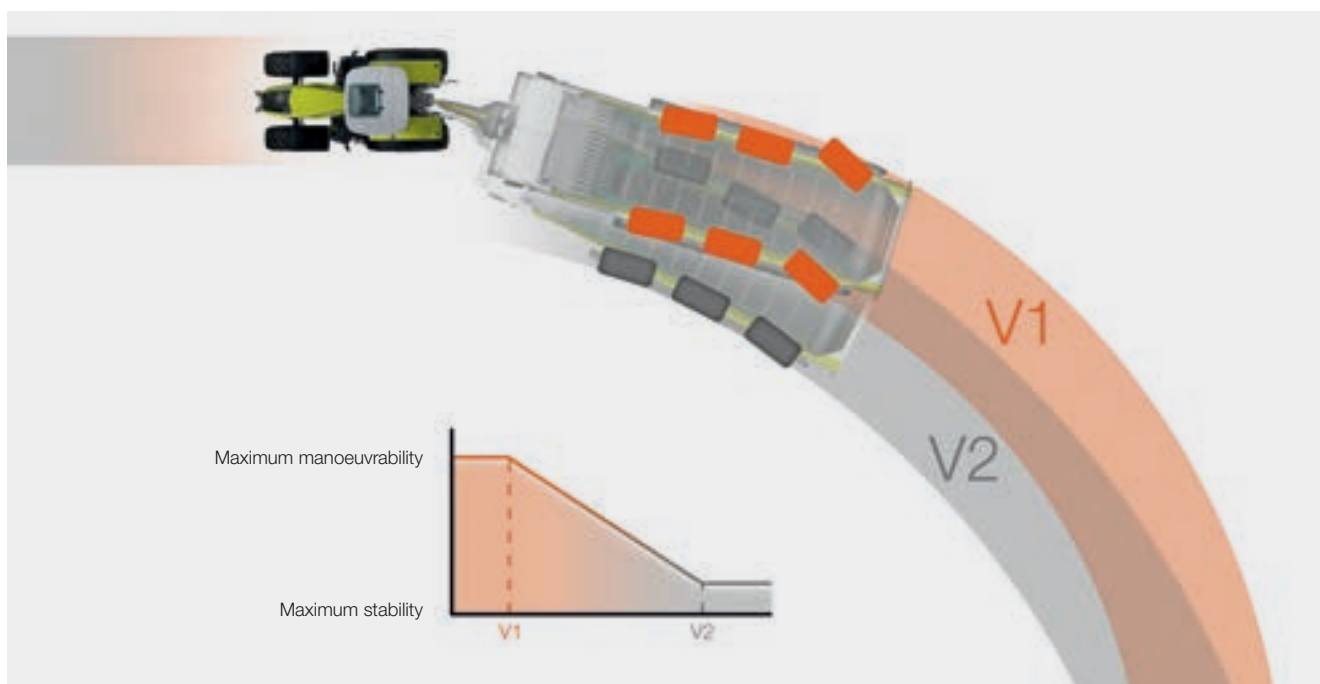
The CLAAS chassis.

The exclusive new CLAAS chassis design is based on a modular bolted frame construction, with significant weight savings in comparison with conventional axle assemblies. A choice of mechanical suspension with parabolic springs or hydraulically suspended chassis is available. Thanks to the modular design, some tandem axle models can have axle loads as high as 18 or 20 tonnes. For the CARGOS 8500, the largest model in the range, there is also a tridem axle assembly with a permitted axle load of 27 tonnes. All axle variants can be fitted with 22.5" or 26.5" tyres as preferred. Modular flexibility between trailed and positively steered axles is further enhanced by the new standard steering cylinder, fitted as standard equipment.



A generous footprint.





Tyres.

To equip the CARGOS for all operating conditions, there is a wide range of tyres, from 500/60-22.5 to 800/45 R 26.5. Smaller tyres provide a very low centre of gravity for maximum stability on steep hilly terrain, while large-size 26.5" tyres ensure optimum trailing characteristics, particularly on wet ground.

Silver medal for steering dynamics.

For tandem axle models, a choice is available between a trailing axle lockable from the operating terminal or a CLAAS exclusive – an electrohydraulic positive steering system with adaptive articulation angle warning and speed-dependent adjustment of the steering line. Tridem models are fitted as standard with the electrohydraulic positive steering system. This ensures fully automatic optimum adjustment of steering behaviour to the driving situation at all times, i.e. the system always chooses the best compromise between manoeuvrability and stability. This innovation was awarded a silver medal at Agritechnica in 2013.

And when negotiating tight curves, the articulation angle warning assist sounds an acoustic alarm to warn the driver before any collision between the tractor and the trailer drawbar. This allows full use to be made of the combination's manoeuvrability, and also makes the CARGOS 8000 ideal for regions with small fields and narrow accessways.

CLAAS was awarded another silver medal at Agritechnica 2013 for the optimisation of an electrohydraulic positive steering system for trailer axles.



All the machines at a glance.

All the information.

TELEMATICS ON IMPLEMENT (TONI) gives you maximum in-field documentation, plus detailed performance and fuel data reports.





CARGOS intelligence.



Unprecedented harvesting efficiency.

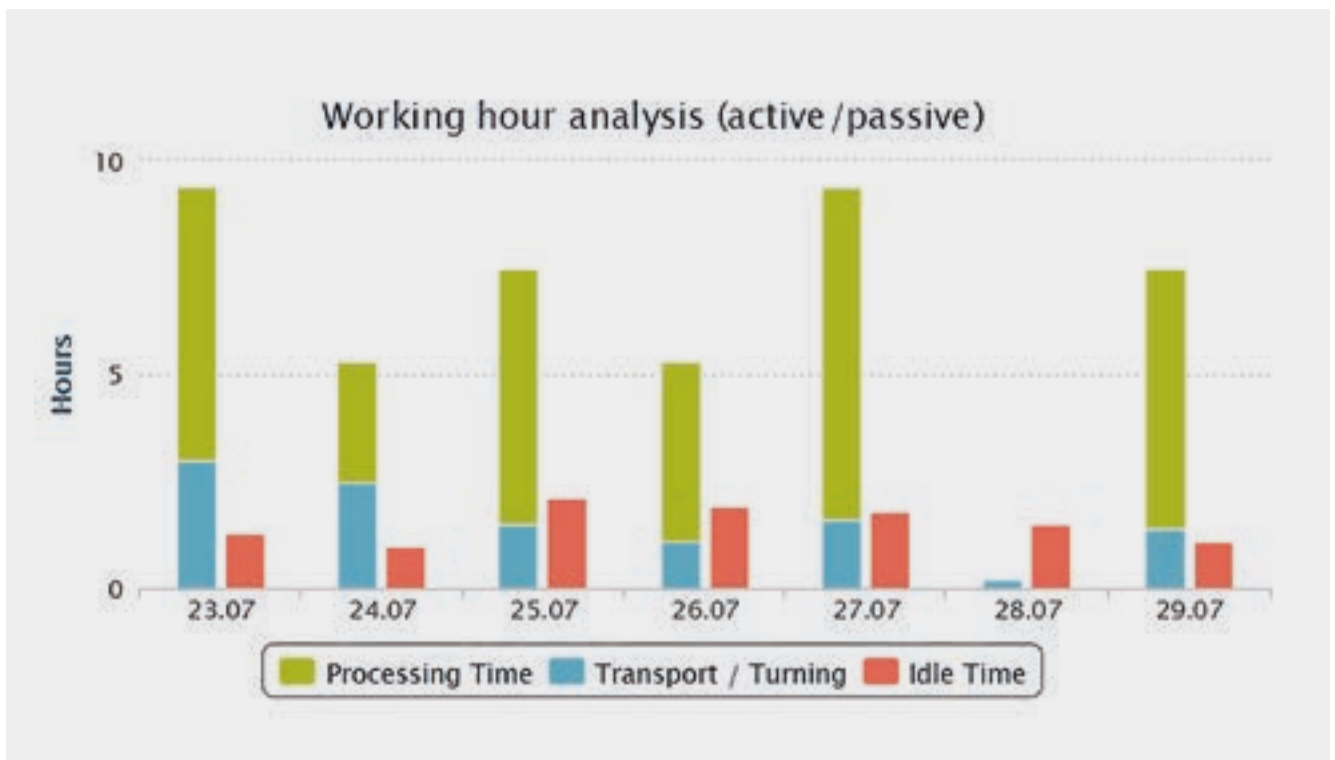
TONI guides and helps you with the analysis and optimisation of your farm work processes, ensuring complete data transparency and security.

As well as displaying the tractor data, TONI reports all relevant operating parameters of the CARGOS, i.e. including job management data. And with the TELEMATICS app, for example, you have access anytime, anywhere to all the essential information you require – not just your current position, but also a comprehensive overview of your performance and machine data. And to minimise downtime, you can also access service information and initial troubleshooting data.

Nothing escapes TONI.

Loading performance¹	<ul style="list-style-type: none">– Daily net payload– Daily operating time– Daily loads– Daily distance (km)
Machine settings	<ul style="list-style-type: none">– Torque setting on drive train for loading system (%)– Scraper floor speed setting in loading mode
Machine monitoring	<ul style="list-style-type: none">– Position and tracks– Fuel consumption
Performance analysis	<ul style="list-style-type: none">– Operating time analysis– Fuel consumption analysis– Yield per unit area

¹ Additional displays with the load weight option: current payload, throughput (t) / hour and throughput (t) / load



Different solutions for different needs.

TELEMATICS basic.

- Version for beginners
- Machine data: machine position / machine status / remote diagnostics
- Land management: upload and field plotting

TELEMATICS advanced.

- Version for advanced users
- Machine optimisation in real time
- All machine data, tracks, process data, throughput, yield, grain moisture
- Dashboard analysis functions
- Data from the last two days can be viewed
- TELEMATICS app

TELEMATICS professional.

- Version for professional users
- All machine data is available
- Full availability of historical data
- Advanced analysis functions for specific questions
- Analysis function to optimise machine / fleet deployment
- All machine data is available

For connoisseurs.



Attention to every detail.

With our perfectly coordinated product range, our commitment is to maintain optimum forage quality through every stage in the process – without compromise.

Your goals are our goals:

- Healthy cows
- More milk per forage unit
- Higher gas yields for biogas plant operators
- Profitable, efficient and sustainable production

Correct timing is essential.

Owing to weather conditions, harvesting windows are often very short. CLAAS forage harvesting machines are therefore designed for reliable operation at maximum efficiency, as the only way to achieve top-quality outcomes.



Keeping next season in mind.

CLAAS understands the importance of harvesting with minimum impact on soil, grass cover and the harvested crop. Solutions developed by CLAAS such as ACTIVE FLOAT, MAX CUT and the unique PROFIL linkage geometry for DISCO, MAX SPREAD for VOLTO, GRASS CARE for LINER and EFFICIENT FEEDING SYSTEM (EFS) for CARGOS help you to achieve these aims. Our optimism for the future is based on close attention to our customers' needs and a wealth of innovative ideas.

Service at CLAAS is not just a promise, but a way of life.



CLAAS ORIGINAL – for a long machine service life.

Round the clock, the managers at First CLAAS Service teams at CLAAS dealers around the world are on hand to provide optimum spare parts and reliable service support. Their knowledge, experience and passionate commitment is there for you and your machine at all times, ensuring the fast availability of CLAAS ORIGINAL spare parts, characterised by the use of top-quality materials, outstanding functional performance and a long service life. These parts have been specially developed and technically validated for specific CLAAS machine types, and their superb quality sets them far apart from competitor products. The combination of CLAAS ORIGINAL parts and the outstanding service performance of CLAAS Service staff in CLAAS customer service outlets and dealer workshops will keep your machines running reliably and efficiently, and ensure the ongoing profitability of your farm.

We're always close by when you need us.

At harvest time, every minute counts. Downtime costs money, and must be prevented wherever possible. Our central spare parts warehouse in Hamm, Germany delivers all CLAAS ORIGINAL parts quickly and reliably all over the world. The dense network of CLAAS dealers around the world ensures that parts reach their destination as quickly as possible – wherever you happen to be. The CLAAS spare parts team is on hand 365 days a year, seven days a week, 24 hours a day, to make sure you get the fast spare parts supply service you require.

In the best of hands.

CLAAS dealers operate some of the world's top-performing farming equipment workshops. Their technicians are highly qualified, and have access to all the required specialist tools and measuring equipment. CLAAS Service stands for top-quality work that will fully meet your expectations for skill and reliability. CLAAS service outlets also have the latest diagnostics equipment for precise fault detection, including remote troubleshooting. And if a repair is required, CLAAS dealers have access to the online information and systems required for a rapid response and quality repair service. They also stock the key CLAAS ORIGINAL spare parts and fuels and oils needed for efficient and effective servicing when required.





Impressive.





- 1 Robust frame and tapered body
- 2 Removable loading assembly
- 3 Removable metering roller module (optional)
- 4 EFS with 500-mm inclination of the scraper floor; can be pivoted hydraulically for convenient knife changing and rapid discharge
- 5 Chopper housing structurally separate from the blade holders, hydraulic lowering for easy maintenance
- 6 New individual knife engagement with adjustable knife pre-tensioning
- 7 Twin knife system
- 8 New rotor with screw-connected segments
- 9 Pick-up controlled on both sides for precise crop intake, hydraulically driven
- 10 Hydraulic pick-up suspension and centre guide wheel (optional)
- 11 Automatic loading function via hydraulically folding filling flap and torque recording in drive train (optional)
- 12 Wet knife grinding system with AQUA NON STOP COMFORT
- 13 LED work lights (optional)
- 14 Choice of 22.5" or 26.5" tyres
- 15 Slimline drawbar with a wide pick-up for maximum manoeuvrability and stability
- 16 New modular CLAAS chassis
- 17 Mechanically sprung tridem axle assembly with electrohydraulic positive steering in the CARGOS 8500
- 18 Convenient operation with CLAAS OPERATOR or COMMUNICATOR II
- 19 Load weight indicator
- 20 CLAAS TELEMATICS

The benefits – dynamism and high performance.



Powerful and efficient.

- Fuel-efficient loading system with inclined scraper floor protects the forage and delivers an optimum crop flow all the way to the silo – from the pick-up via the EFS to the scraper floor feed system controlled by the automated loading function and on to the discharge system
- Twin knife system for long days in tough working conditions, high discharge speed, electrohydraulic positive steering – TONI provides a comprehensive display of performance data and machine settings at all times

Easy on the soil.

- Ideal tyre configuration
- Pick-up suspension and guide wheel
- Good power-to-weight ratio

Flexible.

- Easy conversion from loading to chipping wagon mode by removing the loading and cutting assembly – boosting payload and protecting the loading components
- Modular CLAAS chassis perfectly designed for a wide range of operating conditions

Easy maintenance.

- Lowerable chopper housing, hydraulically pivoting scraper floor and blade holders structurally separate from chopper housing for convenient knife change operation
- New CLAAS twin knives

User-friendly.

- Lighting pack for working at night, fill-level sensor, intuitive operation, order printer

CARGOS		8500	8400	8300
Pick-up				
Drum diameter	mm	320	320	320
Clearing width	mm	2000	2000	2000
Guide-wheel tyres		16 x 6.50-8	16 x 6.50-8	16 x 6.50-8
Tine spacing	mm	61	61	61
Ground clearance with articulating drawbar raised	mm	790	790	790
Rotor				
Rotor stub	mm	120	120	120
Width	mm	1580	1580	1580
Diameter	mm	860	860	860
No. of tine rows	Qty	9	9	9
Chopper unit				
Twin knives (on one level)	Qty	40	40	40
Shortest theoretical chop length	mm	38	38	38
Individual protection against foreign objects		●	●	●
Scraper floor				
Scraper floor chains	Qty	2 x 2	2 x 2	2 x 2
Two-speed scraper floor drive		○	○	○
Axle spacings				
Tandem axle, parabolic or hydraulic suspension 18 t	mm	—	1525	1525
Tandem axle, parabolic or hydraulic suspension 20 t	mm	1810	1810	—
Tridem axle, parabolic or hydraulic suspension 27 t	mm	1525	—	—
Steering				
Steered trailing tandem axle		●	●	●
Electrohydraulic positive steering, tandem		○	○	○
Electrohydraulic positive steering, tridem		○	—	—
Permissible gross weight				
Tandem axle, parabolic or hydraulic suspension 18 t	t	—	21 / 22 ¹	21 / 22 ¹
Tandem axle, parabolic or hydraulic suspension 20 t	t	23 / 24 ¹	23 / 24 ¹	—
Tridem axle, parabolic or hydraulic suspension 27 t	t	31 ¹	—	—
Dimensions / weights				
Overall length	mm	10,875	9735	8595
Overall height	mm	3650 / 3810 ²	3650 / 3810 ²	3650 / 3810 ²
Unladen weight (standard equipment) ³	kg. approx.	9000	8750	8500
Permissible towbar load (series/option)	t	3 / 4	3 / 4	3 / 4
Loading floor height	mm	1330 / 1490 ²	1330 / 1490 ²	1330 / 1490 ²
Loading area	mm	7240 x 2360	6100 x 2360	4960 x 2360
Load volume	m ³ (DIN)	41	35.5	30
Load volume with medium compression	m ³ (DIN)	82	71	60
Track width	mm	2100	2100	2100
Operation				
Via tractor terminal with ISOBUS connection cable		○	○	○
Via CLAAS OPERATOR		○	○	○
Via CLAAS COMMUNICATOR II (ISOBUS)		○	○	○
Hydraulic connections		1 x sa + open return line	1 x sa + open return line	1 x sa + open return line
Power-Beyond connection		○	○	○
As an addition with chassis with hydraulic suspension		1 x single-acting	1 x single-acting	1 x single-acting
Load-sensing control line		○	○	○

CARGOS			8500	8400	8300
Unloading time					
With metering roller unit	min, approx.	2.5	2	2	
Without metering roller unit	min, approx.	2	1.5	1.5	
Available options					
3 metering rollers (+ drive system)		○	○	○	
Hydraulically folding filling flap with automated loading function		○	○	○	
Automated loading function via load torque sensor ⁴		○	○	○	
Hydraulically folding cutting floor, central release mechanism		○	○	○	
LED work lights (package with 11 pieces)		○	○	○	
Additional options					
Side panels to be inserted when metering rollers are removed		○	○	○	
Storage frame for loading/cutting assembly after removal		○	○	○	
Channel cover for use in chopper transport		○	○	○	
Hydraulic pick-up suspension, infinitely variable		○	○	○	
Central additional guide wheel pick-up (guide roller)		○	○	○	
ISO 16028 hydraulic couplings to connect to flat face		○	○	○	
ISOBUS connection cable (in addition to the terminal)		○	○	○	
LED side marker lights (required in some countries)		○	○	○	
CLAAS PROFI CAM camera system		○	○	○	
Ultrasonic fill-level sensor		○	○	○	
Order printer		○	○	○	
Load weight indicator (only with hydraulic axle suspension)		○	○	○	
External weight indicator (only with hydraulic axle suspension)		○	○	○	
Lift axle for tridem axle (only with hydraulically sprung tridem axle)		○	—	—	
Trailer safety snap cable for hydraulic brake (required in some countries)		○	○	○	
Tyres					
Alliance Flotmaster I-328	550/60-22.5	mm	2530	2530	2530
Trelleborg Twin 404	600/50-22.5	mm	2610	2610	2610
Vredestein Flotation Pro	710/40 R 22.5	mm	2870	2870	2870
Trelleborg Twin 404	600/55-26.5	mm	2520	2520	2520
Vredestein Flotation Pro	620/55 R 26.5	mm	2540	2540	2540
Vredestein Flotation Pro	710/50 R 26.5	mm	2870	2870	2870
Michelin CargoXBib	710/50 R 26.5	mm	2860	2860	2860
Alliance I-380	750/45 R 26.5	mm	2920	2920	2920
Vredestein Flotation Pro	800/45 R 26.5	mm	2950	2950	2950
Alliance I-381	800/45 R 26.5	mm	2950	2950	2950
Rims					
10-hole rim			●	●	●

- 1 With drawbar (4.0 t permissible tongue load)
- 2 With 26.5" tyres
- 3 Without metering rollers
- 4 Only with hydraulically folding top

CLAAS continually develops its products to meet customer requirements. This means that all products are subject to change without notice. All descriptions and specifications in this brochure should be considered 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 to present the function more clearly in photographs. To avoid any risks, you should never remove these protective panels yourself. In this context, please refer to the relevant instructions in the operator's manual.





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