

Round baler

CEREX

Built for performance.

1.83-metre bales, impressive density, huge throughput.
The new CEREX from CLAAS is the round baler for professionals who aren’t prepared to compromise.

Its rugged construction, intuitive operation and wide range of applications give you everything you need to get a lot done in a short time. You can see just how productive it is at the end of every working day: the amount you have baled is simply greater.

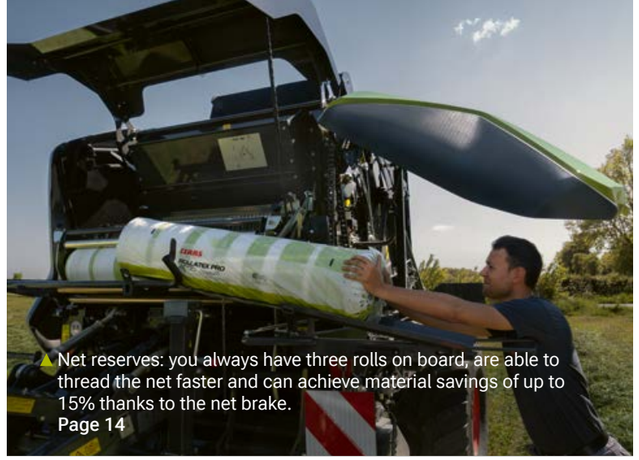
Diameter up to 1.83 m.
Maximum density.



▲ CEREX 780 RC. Whether it's hay, straw or silage – you can produce more bales per day than ever, even under challenging conditions.
Page 06



▲ Higher weight, greater density.
With its pair of one-piece HD belts, the newly developed bale chamber of the CEREX is unrivalled for high bale density.
Page 12



▲ Net reserves: you always have three rolls on board, are able to thread the net faster and can achieve material savings of up to 15% thanks to the net brake.
Page 14



▲ Intuitive operation meets well-thought-out technology: from fast coupling to precise machine control, the CEREX simplifies your work.
Page 16



▲ No swath too wide, no day too long.
Featuring a working width of 2.10 m and a huge pick-up capacity, the MULTIFLOW HD pick-up has been developed for the toughest conditions.
Page 08

Built to last.

You benefit from an all-HD system and low-wear components. Reinforced main load points, twin rotor chains, high-performance bearings and a rugged HD split drive are more than a match for the toughest operating conditions.

Designed for efficiency.

The high-throughput MULTIFLOW HD pick-up, the clean crop flow and the short wrapping cycles allow you to attain an output of up to 60 bales per hour with a diameter of up to 1.83 m. The 25 HD knives fitted as standard ensure top-quality forage while the large tyres provide optimal traction in the field.

Intuitive to use.

Designed for convenient, straightforward and safe operation, the CEREX has an intuitive, ISOBUS-compatible user interface for precise machine control. Harvest quality is monitored reliably by a moisture sensor.

Contents

Model overview	06
MULTIFLOW HD pick-up	08
ROTO CUT | ROTO FEED	10
Bale chamber | HD concept	12
Baling	14
User-friendliness | CEMIS 700	16
Tyres | Soil protection	18
CLAAS Service & Parts	20
Specifications	22

More bales in less time.

CLAAS already has the world's top-selling fixed-chamber baler in its range in the form of the ROLLANT. Now, with the CEREX, CLAAS is taking round baler performance to a new level.

Combining over 100 years of experience with the latest technology, this is a round baler in a class of its own. With its rugged HD frame, MULTIFLOW HD pick-up and 25-knife cutterbar, it delivers outstanding performance: bales of the highest density, maximum throughput and optimal forage quality – whether in hay, straw, silage or hemp.

Thanks to innovative technology, such as the PRO cutting frame, and an intuitive control system, the CEREX allows you to overcome even challenging harvest conditions reliably and confidently. Day after day, bale after bale.

Choose the model that matches your usage profile.



The CEREX 780 produces bales with a diameter of 0.90 to 1.83 m. The CEREX 760 covers the range from 0.90 to 1.60 m. Both models are available as ROTO CUT machines with 25 or 17 HD knives or as ROTO FEED versions. The MULTIFLOW HD pick-up is controlled conveniently via a single-acting spool valve. You have separate control over the tailgate, cutting frame and knives by means of a double-acting spool valve.

Less time in the field, more yield in the barn.

- **Higher rake frequency** with MULTIFLOW HD pick-up
- **Greater density** through unique design
- **Heavier bales** for maximum efficiency
- **Best cutting quality** with 25 HD knives
- **Fast bale cycle** through rapid wrapping and fast opening of the tailgate
- **Material savings of up to 15%** thanks to hydraulic net brake
- **Lower fuel consumption** for the same crop yield through optimal interaction of bale chamber, rotor and tensioning arm

High throughput starts with the pick-up.

The CEREX is equipped with a MULTIFLOW HD pick-up developed for the toughest conditions. With a working width of 2.10 m, it impresses with its exceptionally high capacity and its ability to deal with wide swaths cleanly and efficiently. Rake performance is better than ever with five tine rows and a speed of 146 rpm. Featuring a rugged 70 mm axle, standard-fit cam clutch and dual-guide chain tensioner, the pick-up is built for extremely heavy-duty operation.

The MULTIFLOW HD pick-up has a reinforced cam track which requires 20% less power. This results in a significantly longer service life.

20% lower drive power required.
20% higher rake frequency.



▲ Your practical benefits.
- Greater pick-up capacity
- Even crop flow
- Lower drive requirement
- Lower fuel consumption
- Longer service life
- Easy access



▲ Enormous pick-up capacity over a working width of 2.10 m. The spring tines are positioned close together. The flexible frame adapts perfectly to the ground.

Good accessibility.
All pick-up components are easily accessible thanks to the new side covers. This saves you time during cleaning and maintenance, helping ensure that your machine is always ready for use.

Easy crop flow monitoring.
As the pick-up is located well forward on the baler, you can always keep an eye on the crop flow and react while at the controls in the cab. This means that you can optimise the ground speed on the basis of the swath size and so avoid unnecessary stops. The ease with which you can monitor the harvest process not only results in uniform bales but also makes for greater comfort, convenience and safety during long working days.

“The more crop you compact into a bale, the more you can reduce transport and storage costs.”
Ophélie Pierçon, Product Marketing Manager Balers, CLAAS



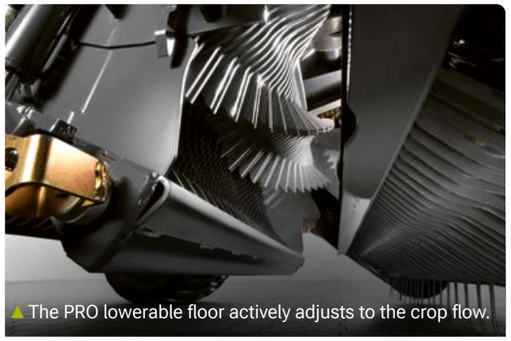


25 HD knives and PRO cutting frame as standard.



▲ Advantages tailored to your needs.
- ROTO FEED is gentle on sensitive forage types like hay and lucerne
- ROTO CUT delivers optimal silage quality
- 25 HD knives for precise cutting action at all times
- The PRO cutting frame provides timely warning of any blockage

Early warning of blockages.
You can always run the CEREX at its maximum speed. An alert notifies you of blockages early on. The PRO cutting frame can be hydraulically lowered by as much as 30 cm so that you can quickly restore the crop flow and work without interruption.



▲ The PRO lowerable floor actively adjusts to the crop flow.



▲ Highly versatile, maintenance-friendly solution: the same rotor is used in all CEREX RC models.

A fine cut for greater milk yields.

ROTO CUT produces particularly finely chopped forage which the animals are better able to assimilate. In the case of dairy cows, in particular, this encourages more efficient digestion and increases milk yield. Equipped with 25 or 17 HD knives, the CEREX gives you precisely short-chopped forage and maximum flexibility. Depending on the respective model and your requirements, you can activate 12, 13 or all 25 knives – or 0, 8, 9 or all 17 knives. The knives are HD-rated, particularly durable and spring preloaded so that they are able to avoid foreign objects.

You benefit from increased operating hours, extended sharpening intervals and, above all, sustained clean cutting performance.

Optimal forage quality with improved digestibility for greater milk and meat yields.

ROTO FEED protects the crop.
ROTO FEED provides you with excellent forage quality. The feed rotor blades are arranged in dynamic helices. As well as ensuring an even intake and fast throughput, the helical arrangement helps protect the crop.

ROTO CUT delivers high silage quality.
The ROTO CUT feed system operates at up to 13,800 cuts per minute. The crop is guided over the centre of the blades and chopped exactly. The precise angle of the feed tines prevents damage to the crop as it is transported. A stripper system keeps the rotor clean throughout the whole baling operation.

ROTO CUT produces output with a uniform chop length which you can distribute more easily during silage preparation or later in the feed mixer. This results in improved silage quality.

Every knife is protected.
All the knives in the knife bank are individually protected. Preloaded springs ensure that foreign objects are reliably avoided. Meanwhile, unobstructed knives continue to cut the crop cleanly. You can install and remove all knives quickly when the bale chamber is open.

Higher compaction, fewer bales to transport, more stable storage.

The CEREX bale chamber has been completely redesigned. With two endless HD belts and a rugged, separate hydraulic system, it achieves top performance figures for bale density, as shown by comparative tests. Precise and continuous pressure control is managed via the terminal. A sensor on each endless HD belt ensures a perfect bale shape.

Even if you bale at high speeds, the density of your bales remains stable. This guarantees excellent forage quality at even the highest throughput rates.

New chamber for optimal compaction.
The new bale chamber design of the CEREX uses two durable endless HD belts and permanent sensor monitoring to deliver perfectly formed bales with uniform compaction. Optimised belt spacing reduces crop losses during baling. The separate hydraulic control system maintains constant pressure and prevents contamination. A tensioning arm cylinder also delivers additional pressure for greater compaction. Performance is maintained at a constant level thanks to the two cleaning rollers which ensure that the chamber continuously cleans itself.

HD for challenging conditions.
The CEREX is equipped with robust, low-wear components for maximum durability, even in tough silage applications. Its HD frame features reinforced main load points, a rotor drive via a duplex chain and high-performance bearings. Reduced vibrations are another benefit of these features.

The CEREX is driven by a 1000-rpm HD split drive which is connected to the main gearbox via a split power train. The left train goes to the chamber drive and the right to the rotor. This arrangement enables optimal transmission of the tractor power. The overall result is improved torque transmission, a longer service life for the drive chains and even higher baler reliability.

Unrivalled for high bale density.



▲ High stability, perfect bales.
- Rock-hard bales with high core compaction
- Bale rotation right from the start
- Compaction from just 90 cm
- Optimum compaction, even at high working speeds



◀ Self-cleaning bale chamber with two endless belts. This enables even a less experienced driver to produce stable bales with maximum density.

▼ Three starter rollers ensure reliable bale starting, whatever the conditions.



▼ Whether producing soft-core hay bales, rock-hard silage bales or straw bales, the CEREX is synonymous with perfectly shaped bales in every crop.



Up to 15% less baling material required.



▲ It's a wrap.
- Hydraulic net brake for optimal tension and high bale density
- Duckbill net routing for easier, time-saving threading
- One active net roll plus two in reserve to maximise operating time
- Convenient loading ramp for easy installation of the net roll

The CEREX doesn't waste net wrap or time.

The net wrapping function is another area in which the CEREX has adopted an all-new system. The roll is pre-positioned in such a way that a "duckbill" feed system allows you to insert the net precisely and rapidly. Net storage space at the side and front means that you can always have up to three net rolls on board and so operate for longer before having to replenish.

The loading ramp allows the net changing process to be completed in only a few steps.

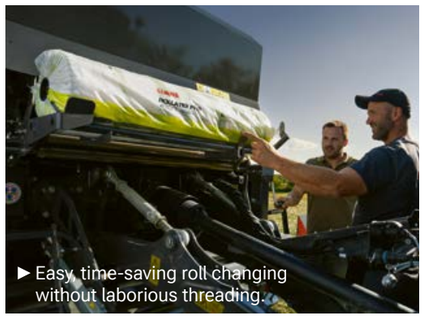
Net wrapping in a matter of seconds.
The CEREX wraps your bales reliably and saves a lot of time in the process. Wrapping is fully automatic and takes only a few seconds. The sophisticated net guide ensures that the net is wrapped tightly across the full width of the bale and the edges are firmly secured. The result is well wrapped and shaped bales.

Easy roll change.
Net wrapping involves handling heavy rolls. The convenient loading ramp on all CEREX machines makes changing rolls fast and helps to prevent back strain.

With net storage provided at both the side and the front, up to three net rolls are always on board. The loading ramp allows the net changing process to be completed easily in only a few steps. This reduces downtime and increases the daily output.



▲ More rolls for higher output and long working days. You always have two rolls in reserve.



▶ Easy, time-saving roll changing without laborious threading.



Full control from the first meter to the last bale.

▲ Convenient user guidance via CEMIS.
- 7" touchscreen with brilliant resolution
- Proven CLAAS control structure
- Self-explanatory, familiar symbols
- Job counter for full transparency
- Two camera inputs

Intuitive operation meets sophisticated technology.

What counts at the end of the day is not only whether the work was completed, but also how smoothly and easily it went. This is why we support you with innovative technology which noticeably reduces the pressure on you. The CLAAS CEREX impresses with a comprehensively user-friendly control system which gets you up and running quickly as well as enabling precise machine control throughout the work process.

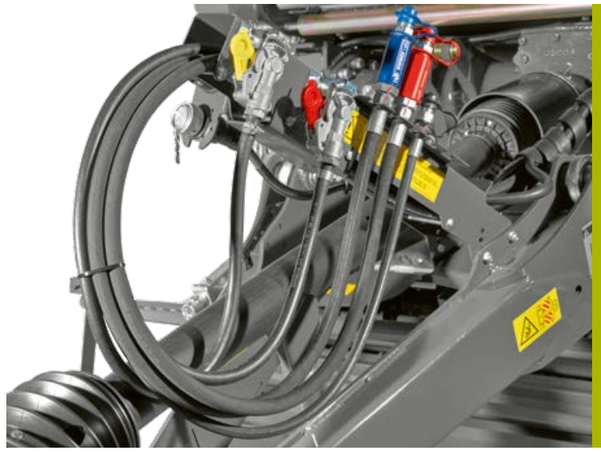
This is why we attach particular importance to ease of control and a high standard of comfort. Because there's no reason why working well shouldn't also be pleasant.



▲ Safe and reliable operation, even when the going gets stressful. In order to prevent operating errors, the tailgate can only be opened once the wrapping process has been completed.



▲ Work lights, a clear view of the pick-up and an integrated bale monitoring camera enable precise work, even in the dark.



▲ Connection to the tractor by means of just three hydraulic hoses is quick and easy. They are arranged clearly on a support marked with symbols indicating their function.

Intelligent support.
- Integrated camera for bale monitoring, even in the dark
- Moisture sensor provides real-time feedback about harvest quality
- Bale ramp sensor signals correct bale discharge to the terminal

Intuitive operation via CEMIS 700.
You have the choice of operating CEMIS 700 by means of the touchscreen, the keys or the rotary pushbutton, depending on which suits you best in any given phase of work. Clear symbols and the familiar CLAAS structure enable easy operation in every situation. While working, you benefit from an intuitive, ISOBUS-compatible user interface. You can adjust the main settings in line with your individual requirements straight from the terminal's start menu – ideal when the machine is used by other drivers or when dealing with changing harvest conditions. The intelligent user interface allows you to evaluate the bale counter data by customer or chopping mode, thereby providing greater transparency for invoicing and operations management.

Easy maintenance.
The good access to all the relevant areas, the ease with which the knife housing can be cleaned and the fast knife change procedure keep downtime to a minimum. These characteristics reflect the attention to detail designed into the CEREX to produce a machine able to deliver maximum performance while remaining extremely easy to operate and maintain.

Bale efficiently without compromising on soil protection.

Large tyres up to 22.5 inches are easy on your soil as they carry your machine across the terrain safely and reliably. Providing smooth and stable running on the road, they can be counted on to put the power down reliably during field work and also impress with their good traction on slopes. The wide contact area distributes the weight evenly and protects your soil from compaction.

In this way, you safeguard stable yields over the long term and save fuel on every hectare.

“Self-cleaning for maximum traction: no matter how heavy the soil is – the new tread pattern discards dirt before it becomes a problem.”

Wide range of tyres.
Whether you are operating in hilly terrain or on sensitive soil with little load-bearing capability, the wide range of tyre options allows you to configure the CEREX optimally in accordance with your work and your operating conditions.



▲ Greater tractive force and soil protection.
- Better handling, including on slopes
- Less slippage in the wet
- Low inflation pressure
- Larger contact area
- Better self-cleaning



▲ 620/55 R 22.5 ▲ 560/60 R 22.5 ▲ 500/55 R 20 ▲ 500/45 R 22.5



▼ During field work you benefit from the tyres’ high load-bearing capacity and good traction, even in wet or steep terrain.

On call for you.

At CLAAS, your operational readiness is our top priority. With our comprehensive range of services, spare parts and operating resources, we ensure that your machines always perform optimally.

This includes a broad range of maintenance and repair services at your trusted dealer, a large selection of ORIGINAL spare parts and operating resources, and digital tools to support your planning and decisionmaking.

This ensures your CEREX is always ready for work.

MAXI CARE gives you all-round protection.
You take care of the tasks that matter to you, and we take care of protecting your machine. MAXI CARE service contracts ensure that your machines are always ready for work, allowing you to focus fully on your core tasks in the yard and in the field. These customised service packages are individually tailored to the specific requirements of your farm.

A MAXI CARE Flex service contract offers the best possible cover. This includes a maintenance contract, an annual post-harvest check, and an extended warranty. You can agree the length of the service contract individually with your CLAAS service partner.



▲ MAXI CARE not only increases your operational reliability. It also means you can budget on the basis of fixed costs and minimise the risk of a machine outage.



ROLLATEX – efficient net wrap technology for your round baler.



A sophisticated logistics system ensures that the required spare parts for your CEREX reach you in the shortest possible time.

Reliable net wrapping from edge to edge.
ROLLATEX net wrap from CLAAS increases the performance of your round baler – regardless of the particular model. “CLAAS Covered”, the patented CLAAS wide-pass process, covers your bales seamlessly from edge to edge. Shoulder formation, disintegration losses and air pockets are a thing of the past. The improved interlocking of the net layers ensures reliable bale formation and maintains the consistency of the baling process across every harvest.

Maximum performance and durability.
The water-repellent and UV-resistant surface protects the net, even under the most challenging conditions. With each roll providing a particularly long length of net wrap despite a reduced roll weight, roll changeover breaks are kept to a minimum and efficiency is increased. The defined minimum meterage and the optimised prestretching ensure high productivity and economy – real benefits for your business.

CEREX		780 RC	780 RF	760 RC	760 RF
Attachment					
PTO shaft speed	rpm	1000	1000	1000	1000
Power requirement	kW / hp	88 / 120	75 / 102	88 / 120	75 / 102
Hydraulic connection					
Single-acting spool valve for pick-up lift		●	●	●	●
Double-acting spool valve for tailgate, knives and PRO cutting frame		●	●	●	●
MULTIFLOW HD pick-up					
Width	m	2.10	2.10	2.10	2.10
DIN raking width	m	1.90	1.90	1.90	1.90
with roller crop press		●	●	●	●
with double roller crop press		o	o	o	o
Ground adaptation with 2 fixed guide wheels		●	●	●	●
Ground adaptation with 2 oscillating castor guide wheels		o	o	o	o
Ground adaptation with 2 folding oscillating castor guide wheels		o	o	o	o
Feeder system					
Rotor		ROTO CUT HD	ROTO FEED	ROTO CUT HD	ROTO FEED
Number of knives		17 / 25	–	17 / 25	–
Drop PRO cutting frame		●	●	●	●
Knife cleaning		●	–	●	–
Baling					
ROLLATEX COMFORT net wrapping		●	●	●	●
Variable bale chamber					
High-strength endless belts	Qty.	2	2	2	2
Belt speed	m / s	2	2	2	2
Supplementary belt drive		●	●	●	●
Soft-core device, pressure and diameter adjustable		●	●	●	●
Moisture sensor		o	o	o	o
Right-left display		●	●	●	●
Bale chamber dimensions					
Width	m	1.22	1.22	1.22	1.22
Diameter	m	0.90-1.83	0.90-1.83	0.90-1.60	0.90-1.60
Operation					
CEMIS 700		●	●	●	●
ISOBUS cables		o	o	o	o
Camera		o	o	o	o
Service lights		o	o	o	o
Central chain lubrication		●	●	●	●
Manual central lubrication		●	●	●	●
Automatic electric central lubrication system		o	o	o	o
Tyres					
500/45 R 22.5		o	o	o	o
500/55-20		o	o	o	o
560/60 R 22.5		o	o	o	o
620/50 R 22.5		o	o	o	o
Braking axle		●	●	●	●
Dimensions and weights					
Length	mm	4972-5369	4972-5369	4972-5369	4972-5369
Width	mm	2755-2966	2755-2966	2755-2966	2755-2966
Height	mm	3202-3222	3202-3222	3202-3222	3202-3222
Weight	kg	4500-4900	4500-4900	4500-4900	4500-4900

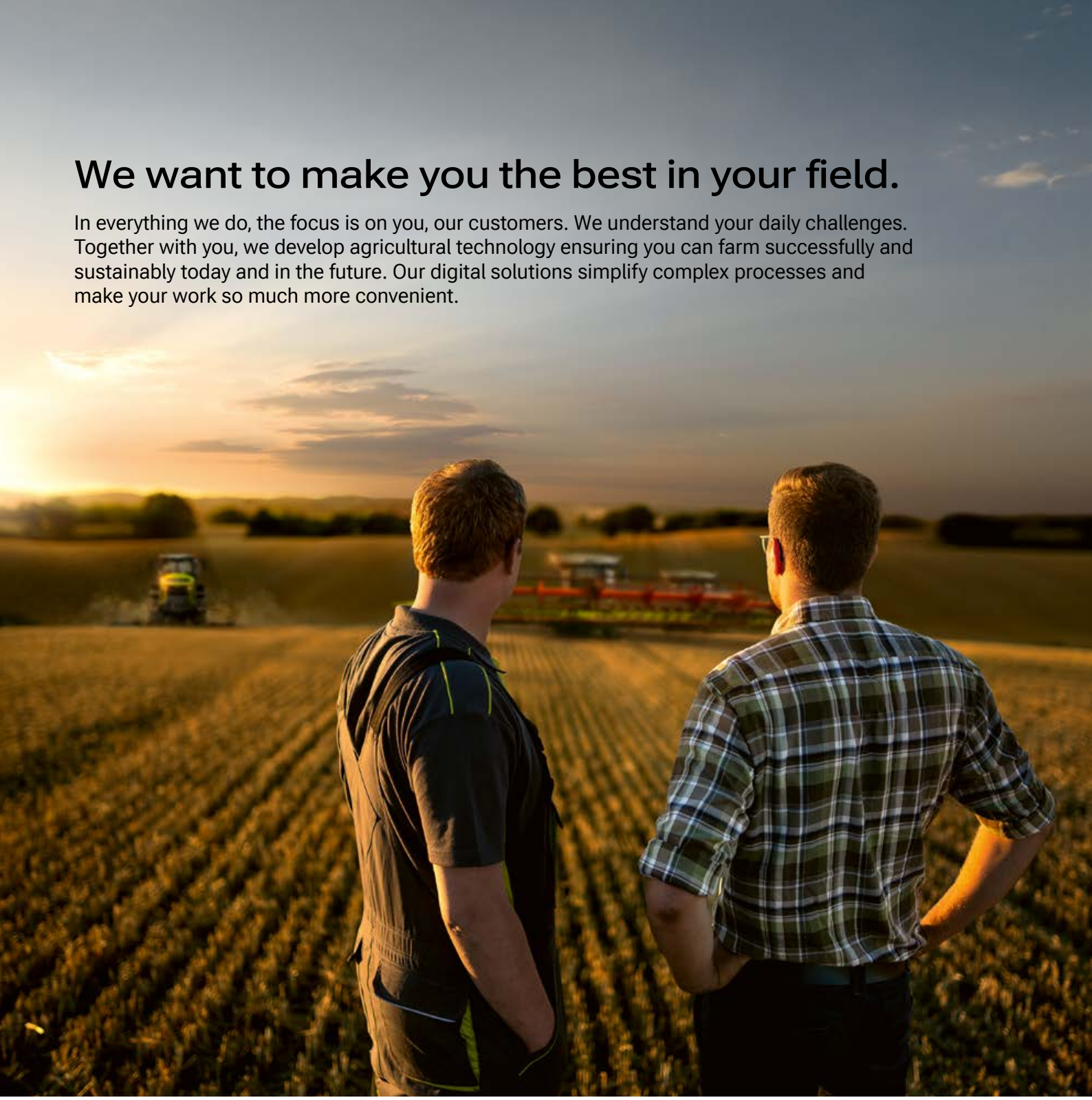


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All technical specifications relating to engines are based on the European emission regulation standards: Stage. Any reference to the Tier standards in this document is intended solely for information purposes and ease of understanding. It does not imply approval for regions in which emissions are regulated by Tier.

● Standard ○ Optional □ Available – Not available

We want to make you the best in your field.

In everything we do, the focus is on you, our customers. We understand your daily challenges. Together with you, we develop agricultural technology ensuring you can farm successfully and sustainably today and in the future. Our digital solutions simplify complex processes and make your work so much more convenient.



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