



Rake

LINER

Perfectly coordinated – forage harvesting from CLAAS.

For daily agricultural operations, you need more than just robust machinery; you need technology that works and is quite simply a pleasure to work with – reliable technology that works in unison when the going gets tough and when there seems to be no end in sight. And, what's more, you need harvesting systems that piece together seamlessly.

As a leading equipment manufacturer of forage harvesting machinery, CLAAS provides the ideal harvesting chain for any farm or business size. Our coordinated machines support you in your day-to-day operations and enable you to achieve optimal results in forage harvesting.



liner.claas.com



LINER.





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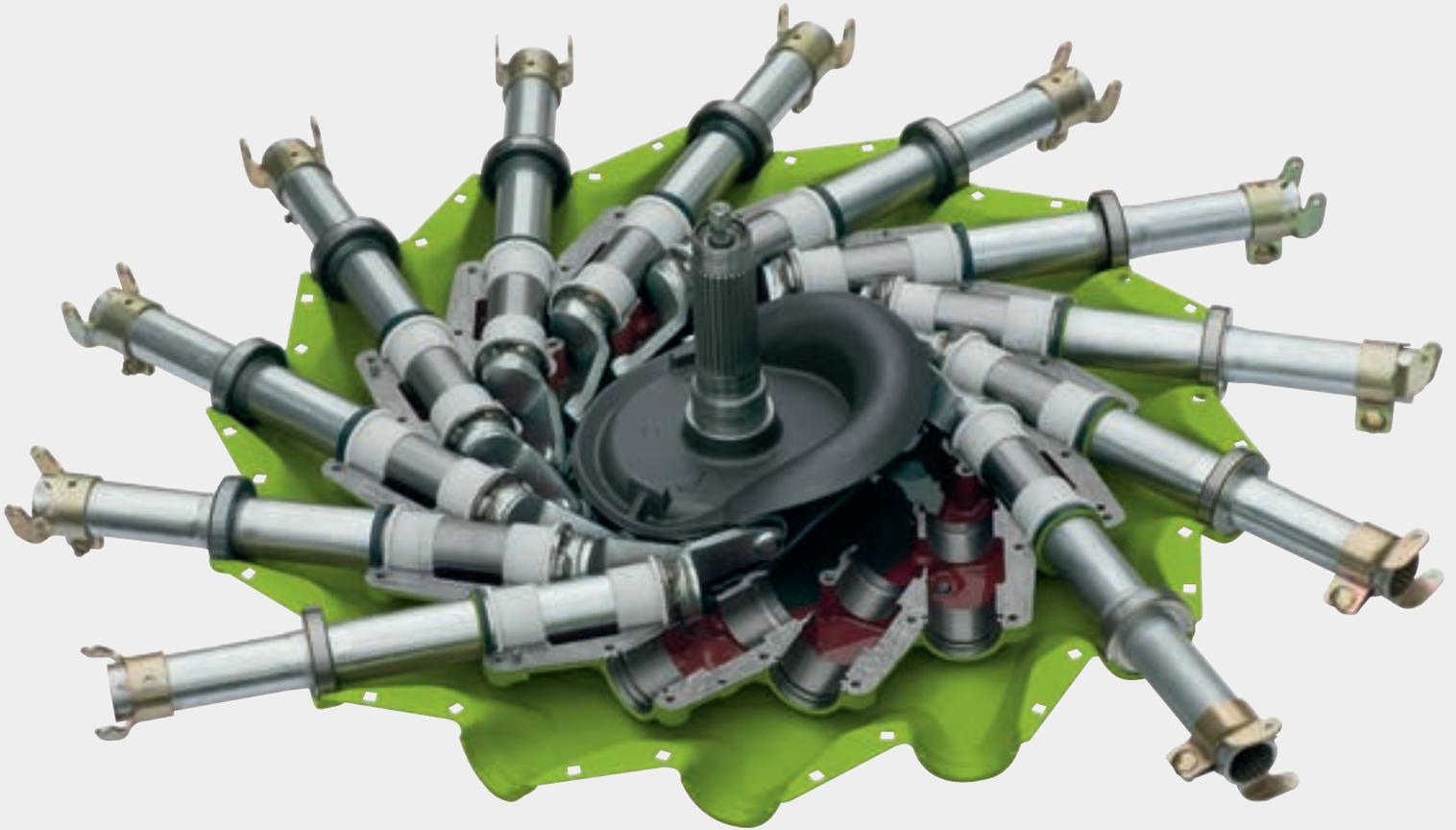
A study in motion.





Successful technology begins with solid groundwork. With their high-quality design and construction, the machines in the LINER range offer optimum functionality and efficiency.

Runs like clockwork.



Driving instead of lubricating – the continuously lubricated rotor housing.

Raking with no interruptions – that's the top priority for the LINER, so only components that can meet the highest standards are installed. The unique operating reliability and robust design of the LINER make it the automatic choice for the forage harvesting team.

The rake's transmission is located in a solid cast housing (rotor dome assembly), which is filled with oil and hermetically sealed. This means the core component of the LINER is protected from dirt entering, and is therefore maintenance-free. The cam rollers operate smoothly in an oil bath. This perfect frictionless operation guarantees maximum service life.

The LINER drive concept.

All LINER models have a reliable, fully external drive train with a sophisticated transmission ratio at an easily accessible height. The power of the main drive is distributed to the rotors via an auxiliary gearbox. An overrun function is integrated as standard and all rotors are individually protected against overload. The LINER requires very little maintenance, with a 250-hour lubrication interval for the universal joints on the drive shafts, and a 50-hour lubrication interval for the tractor drive shaft.

The CLAAS long-running cam track.

High performance under all conditions – its spheroidal graphite iron construction gives the cam track the strength required to withstand any load. The large diameter and the gentle rise of the cam track ensure that the thrust forces from the turning momentum are minimized. As a result, the tine arms operate smoothly, giving a clean raking action without material fatigue, even during periods of prolonged use.



Sturdy tine arms.

The tine arms are extremely stable, thanks to the large tube diameter and the high-strength structural elements. If a collision occurs, the tine arms snap off at a set bending point, and can then be simply replaced using the bracket. Since the set bending points are outside the rotor housing, the latter is not damaged. The stable positioning of the tine bars protects the cam rollers, reducing both horizontal and vertical loads. Depending on the model and the size of the tine arms, these feature two or three support points. The slide bearings on the tine arms are extra-large and wear-resistant.

Easy with PROFIX.

The PROFIX easy-release bracket for the tine arms makes attachment and removal a very straightforward task. The multiple grooves on the tine arms allow them to be attached with zero play, which means there is also no wear. There are marker arrows that clearly show the seating position. If necessary, all the components in the PROFIX tine arm bracket can be quickly and inexpensively replaced.

The more economical version.

Low-friction transmission: some of the smaller models are equipped with a simpler rotor housing. But even here, the steel cam rollers run in an oil bath for continuous lubrication, while the cast housing is hermetically sealed and maintenance-free. The tine arms also fit snugly with a lemon profile.



If a collision occurs, the tine arms snap off at a set bending point, preventing any serious damage.



The long-lasting cam tracks made of spheroidal graphite ensure maximum operating reliability under all conditions.



In the low-friction transmission, the cam rollers likewise run in an oil bath for continuous lubrication.

GRASS CARE – for top-quality forage.



Fully floating rotor suspension



Six-wheel chassis: with extra tandem axles and trailing wheels for precise ground-contour tracking



Up to 27.5 in (70 cm) lifting height for ease of turning at headlands

Contour tracking is three-dimensional, clean and fast.

GRASS CARE at CLAAS stands for top forage quality, even under difficult conditions or at high working speeds. For that reason, depending on the particular model, the LINER includes various details to ensure that standards remain high:

- Fully floating rotor suspension facilitates exact ground-contour following: three-dimensional adjustment to ground contours parallel and transverse to the direction of travel (+/- 15°). The rotors are free to move independently of the chassis.
- An optional castor guide wheel can be fitted with no tools required.
- The tines always stay parallel to the ground, ensuring raking remains clean at any speed.
- Contour chassis for smooth operation and precise rotor guidance: four- or six-wheel rotor running gear, large tyres and steered trailing axles.
- Accurate gauging of the ground profile over the full working width by placing the wheels close to the circle of rotation of the tines.

Full raising and lowering in professional fashion.

When folding in the transport position, or raising in headland position, the rotors are raised parallel to the ground before being inclined inwards. This ensures that the finished windrow is not destroyed by any rotating tines. During lifting, the front rotors are lifted first, whereas during lowering, the rear chassis wheels are set down before the front ones, so that the tines cannot catch in the ground and the forage stays clean.

The headland lift height of up to 27.5 in (70 cm) even allows you to drive over the largest windrows with ease. CLAAS thus offers the maximum lift height for convenient turning at the headland.



Convenience for routine work tasks.



Scale for height adjustment



Effortless setting of raking width

Extremely maneuverable.

The maximum steering lock is shown by a marking on the drawbar. This makes the LINER extremely agile, and allows you to maneuver flexibly.

Safe transportation under 13.1 ft (4 m).

All models with a rotor diameter of up to 12.5 ft (3.8 m) have a transport height of less than 13.1 ft (4 m), without removing the tine arms. With the four- and dual-rotor rakes, the rotors are retracted hydraulically from the tractor after folding via a dual-acting spool valve, and then secured for transport with a mechanical or hydraulic locking mechanism. The LINER models have extremely stable driving characteristics, thanks to their lower center of gravity – even at top speeds of up to 31 mph (50 km/h). The LINER models are also fitted with warning signs and lighting to give an enhanced level of safety.

We create space – the inverted U-frame.

All LINER machines fit onto the lower linkage points on the tractor with an open mounting block that uses a sturdy inverted U-frame. This ensures not only that they can be quickly put to use, but also that they remain stable and reliable.



We keep things neat and tidy.

A jack that is safe and easy to operate, a handy storage space for the drive shaft and comfortable brackets for the hydraulic lines and cables keep things neat and tidy when the rake is parked. The hose supports are pivot-mounted, guaranteeing that the control lines to the tractor are secure and well protected. The drive shaft has ample space to move, easily allowing a steering lock angle of up to 80°.

Staying flexible.

Both the working height and the raking width can be conveniently adjusted. For example, there is a scale on the telescopic booms to help adjust the raking width. The scale on the the central chassis beam can also be used to check the working height and adjust it as needed.

CLAAS terminals.



Everything under control.

The short harvest periods available for silage preparation call for very high-performance harvesting technology. Needless to say, one element of this technology is ensuring that operation is intuitive and reduces the driver's workload. In models that require a terminal, there is a choice between the new CLAAS OPERATOR or the ISOBUS-capable COMMUNICATOR II. The ISOBUS-capable machines can also be controlled from any external or tractor-mounted ISOBUS terminal.

COMMUNICATOR II:

- 5.7" terminal
- ISOBUS-capable
- Auxiliary functions

CLAAS OPERATOR:

- Successor to the CLAAS STANDARD TERMINAL (CST)
- Functions display
- Backlit control keys

ISOBUS implement control.

Sockets are provided at the front and rear in order to connect ISOBUS-compatible implements to the tractor. The ISOBUS-capable terminal can be connected in the cab using another socket. The attached implement is operated using a machine-specific display. ISOBUS compatibility means that implements from other manufacturers can also be operated using the COMMUNICATOR II from CLAAS.



COMMUNICATOR II



CLAAS OPERATOR

Full-width raking.

Four times as good.

With the four-rotor rakes, raking bottlenecks become a thing of the past. The LINER four-rotor rakes stand out from the rest because of their power, intelligence and reliability.

LINER 4000

LINER 3600





The high-performance rake for professionals.



Clean and fast clearance.

With four rotors, each with a diameter of 10.8 ft (3.3 m) or 12.5 ft (3.8 m), and either 14 or 12 PROFIX tine arms, the results speak for themselves. In just a single pass, crop widths of 49 ft (15 m) (LINER 4000) and 41 ft (12.5 m) (LINER 3600) are transformed into evenly shaped central windrows. The tidy, precise windrow shape ensures optimum crop flow for the following machines during the crop collection process. With the four-rotor rakes, CLAAS offers windrow widths of between 3.9 and 8.5 ft (1.2 and 2.6 m). In the LINER 3600, the windrow width can be adjusted with a handle for different forage quantities and standard pick-ups, while in the LINER 4000 there is the added convenience of hydraulic adjustment.

System output boosted.

Having an optimal crop flow for the following machinery with perfect windrow forms is invaluable. With four rotors, the performance of the JAGUAR is enhanced even further, since, thanks to the larger working widths, there is a substantial reduction in the area you need to cover. Users report gains of up to 30 percent in forage harvester performance. With the DISCO 9200 C AUTOSWATHER, you can deposit a working width of 59 ft (18 m) over just 39.3 (12 m) and collect the conditioned crop over a single windrow with the LINER 3600. This mowing strategy substantially boosts chopping performance, with a 40 percent increase in throughput. Alternatively, the CARGOS can step in and transport the harvest away.



Comfortable to operate.

The LINER 4000 and 3600 feature comfort hydraulics as standard. The machine is operated via the CLAAS OPERATOR, the COMMUNICATOR II or any other ISOBUS-capable terminal. With ISOBUS operation, various functions can be assigned to the tractor's spool valves, providing additional support for the driver in the form of numerous automated processes. The ideal working conditions help to eliminate errors, and the driver benefits from savings in fuel, running costs and labour time.

Clear benefits.

- Full use of the working width and an increased acreage per hour
- Straightforward headland management: adjustable time sequence for lifting and lowering the front and rear rotor pairs, hydraulically adjustable lift height at headlands to suit every type of forage crop and an automatic folding windrow guard for maximum ground clearance
- Convenient folding in and out from inside the cab
- Infinitely variable hydraulic adjustment of windrow and working width
- Different parameters can be determined and stored to match the particular operating conditions (such as different windrow widths and raking heights)
- Overview of all the services provided and customer data in conjunction with the hectare counter
- Display for maximum steering lock clearly visible from the tractor seat



Flexible headland management with the CLAAS OPERATOR or any ISOBUS terminal.

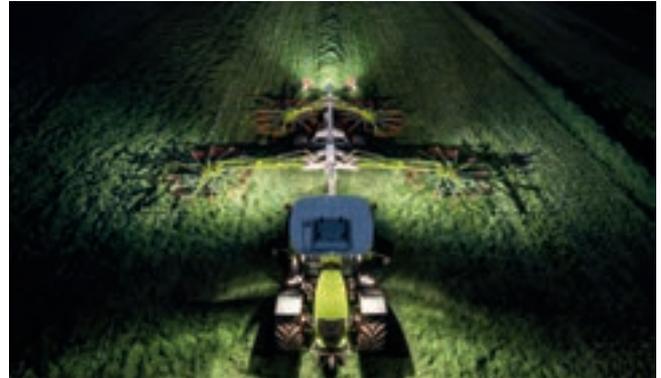
More than four times as efficient.



Work goes on without leaving the cab.

With a transport height of less than 13.1 ft (4 m), the LINER 4000 and 3600 models combine maximum area output and extreme flexibility. To reduce the transport height, the main frame and the rotors can be hydraulically lowered from the tractor seat. The rotors are automatically locked when folded. It is not necessary to remove individual tine arms. In the LINER 3600, the chassis can be lowered while driving using a single-acting spool valve without switching on the terminal. This allows you to adjust the transport height or the ground clearance to conditions. A marking on the chassis cylinder shows the range that can be adjusted with the spool valve. The integrated rotor suspension additionally ensures safe and comfortable road transport.

The warning signs and lighting can be folded to negotiate narrow entrances to yards and fields.



It couldn't be gentler.

Customizable chassis: ideal ground protection is assured, thanks to the four-wheel rotor chassis with steered front wheels and a laterally suspended front axle, or the six-wheel rotor chassis for the rear pair of rotors with additional tandem axle and trailing wheels, available as an option with the LINER 4000.

- GRASS CARE: optimal ground-contour following, including at high working speeds, guarantees clean forage
- Powerful spring packs cushion the rotors
- Suspended mounting of the rotor chassis front axle for precise rotor guidance
- Four steerable wheels on the front rotor, giving optimum grass cover protection, thanks to precise running
- Large 380/55-17, 500/50-20 road tires for optimum ground protection and maximum stability during transportation

LEDs – so you're never left in the dark.

Even when you need to work well into the night, you'll always enjoy all-round visibility. Perfect lighting is provided by a total of three optional LED work lights (two for the front rotors and one for the windrow). The special light assists the driver by provided maximum contrast, yet without dazzle, ensuring optimal illumination around the rake. The work lights are activated automatically along with the tractor lights in darkness.



Large tires for maximum soil protection.



Even low structures can be negotiated without removing the tine arms.

The best in their class.



Operational perfection.

The reliable alternative to the four-rotor rake should be used when flexibility is called for in addition to a high work rate. Whether working with silage, hay or straw, the LINER dual-rotor rake with central windrowing, and working widths of between 20.3 and 32.8 ft (6.2 and 10 m), is unmatched in its class.

LINER 3100

LINER 2900

LINER 2800

LINER 2700

LINER 2600

The all-rounder.



Power and efficiency with two rotors.

With a working width of between 28.5 and 32.8 ft (8.7 and 10 m), the LINER 3100 can be reliably deployed anywhere. This can be infinitely varied by means of hydraulics, and can be read off on a scale. When working in straw, thanks to its generous working width, the LINER 3100 is easily able to combine two windrows from a 24.6 (7.5 m) harvester cutterbar.

Also supplies high-quality forage with thick windrows.

With a rotor diameter of up to 13.8 ft (4.2 m), a total of 14 PROFIX tine arms, each with five double tines, ensure that nothing is left behind. And with a lift height of up to 35.5 in (90 cm), the LINER 3100 can drive effortlessly over even the largest straw windrows. It can be adapted to all harvesting conditions via infinitely variable headland stops. At headlands, the windrow guard automatically folds upwards, giving maximum clearance.



Time savings and enhanced safety on the road.

For a transport height of less than 13.1 ft (4 m), three tine arms can be removed from each rotor and secured in the appropriate holder right next to the rotor, saving time. The chassis, with its large-volume tires and active steering, allows road speeds of up to 31 mph (50 km/h). Warning signs and lighting are fitted as standard for enhanced safety while on the road.

Convenient options.

The single-rotor lifting function can be controlled without a terminal via a three-way valve.



As the tractor is steered, the action is passed to the large wheels fitted to the main chassis via the hitching, transfer lever and steering linkage.



Connector for the safe and convenient storage of the tine arms.

Highest work rates and superb forage quality.



Power to perform.

The LINER center rake has working widths of between 20.3 ft and 29.5 ft (6.2 and 9 m) to meet every need. The windrow width can be adjusted mechanically or hydraulically according to the operating conditions. To ensure the optimum raking results, there are 14 removable PROFIX tine arms in the LINER 2900, 12 in the LINER 2800 and 2700, and 11 in the LINER 2600.

Everyday operation with you in mind.

The LINER 2900–2600 is equipped with a four-wheel rotor running gear and steered front wheels and a laterally suspended front axle, ensuring quiet operation and exact gauging of the ground profile. On request, all models with the exception of the LINER 2600 are available with six-wheel rotor running gear and additional tandem axles and trailing wheels.

To adjust to a wide range of forage crops, the headland stop is infinitely variable in the two larger models. The windrow guard, which can be folded automatically by means of hydraulics, ensures the maximum possible ground clearance.

Convenient transport.

Without having to get out, you can reduce the transport height to less than 13.1 ft (4 m) by folding and hydraulically retracting the rotors. The machine's low center of gravity guarantees stable driving even at speeds up to 31 mph (50 km/h). The large transport tires of up to 380/55-17 ensures stability on the road and maximum soil protection. The automatic transport locking device in the LINER 2900 and 2800 provide a further support for the driver. In the LINER 2700 and 2600, the automatic transport locking device provides maximum safety on the road.

Unbeatable value for money.

The LINER 2600 has everything you need in a rake, such as the simply constructed rotor housing, for example. It is also maintenance-free, hermetically sealed and permanently filled with oil.



Central rakes like the LINER 2900 are very suitable for use in straw.



A success over many years: the LINER 2800.



Ideal windrow form. here with the LINER 2700.



The LINER 2600 is agile and suitable for use with smaller tractors.

It cuts a clean line in every setting.

Raking it in.

You can stay highly flexible even with small forage quantities with the dual-rotor rakes with side windrowing and working widths of between 11.5 and 26.25 ft (3.5 and 8 m).

LINER 1750

LINER 1650 TWIN

LINER 800 TWIN

LINER 700 TWIN



Professional raking is its job.



Turning like a professional – maximum lifting height allowing comfortable travel over windrows



Tidy forage transfer from the first to the second rotor



Raking for professionals.

With a working width of 26.25 ft (8 m) in the LINER 1750 and 22.3 to 25.9 ft (6.8 or 7.9 m) in the LINER 1650 TWIN, the side rakes are suitable for all professional silage businesses and farm contractors. A total of 14 or 12 PROFIX tine arms guarantee top-quality windrow results. Infinitely variable overlapping of the rotors can be controlled from the driver's seat to avoid losing forage. The four-wheel rotor running gear with steered front wheels and a laterally suspended front axle ensures extremely quiet operation and exact gauging of the ground profile. The six-wheel rotor running gear with additional tandem axles and trailing wheels is available on request for both models, offering such benefits as enhanced ground-contour following, high work speeds and top forage quality. In addition, the windrow guard ensures a tidy windrow formation when going back for large windrows.

The TWIN function in the LINER 1650 TWIN.

With the TWIN function, you can choose between having one large windrow or two small windrows. The latter is useful, for example, when laying windrows at night, or with large forage quantities.

Straightforward, customizable operation.

The hydraulic headland stop, which can be adjusted in two positions, or is infinitely variable, is used to adapt to a wide range of forage crops. The sequential valve can be used to adjust the time delay for lifting and lowering the rotors to suit individual requirements. These, together with the overlapping of the rotors, which can be adjusted from the driver's seat to avoid losing forage, especially when turning, bring added convenience and make windrowing a simple task.

Safety on the road.

The transport height of less than 13.1 ft (4 m) is achieved in the LINER 1750 and the LINER 1650 TWIN through the hydraulic retraction of the rotors. The windrow guard can be fixed in a transport position. The rotors are automatically and securely locked when the machine is folded into the transport position. Its low center of gravity ensures stable driving characteristics even at speeds of up to 31 mph (50 km/h).

Unlimited flexibility.



LINER 800 TWIN.

Each of the twelve tine arms per rotor has four dual tines with a zero-play, maintenance-free connection to the rotor housing via the PROFIX tine arm bracket and the 20-spline multiple gearing. Six tine bars can be safely deposited on each rotor for road transport.



LINER 700 TWIN.

There are eleven tine arms per rotor, each with four dual tines. The connector with lemon profile and PROFIX bracket ensure a perfectly snug fit, and there is no need to remove the tine arms for transport on the road.



Efficient, high-performance raking.

The LINER 800 TWIN and 700 TWIN are the ideal harvest partners for small- and medium-sized farms whose operators want to rely on efficiency at a reasonable price. The impressive features of the rakes include their flexible working widths, low power requirements, high operator convenience and exceptional raking quality. Thanks to their large chassis and low center of gravity, both models are extremely stable on slopes and gentle on the soil in all types of conditions.

On the road.

The LINER 700 TWIN has a transport width of less than 9.8 m (3 m) without removing the tine arms. In the LINER 800 TWIN, the rotor diameter is 11.5 ft (3.5 m), so the tine arms can be directly and conveniently secured on the rotor for transport purposes.



Generous lifting height for driving over windrows at headlands: up to 23.5 in (60 cm) in the LINER 700 TWIN



Hydraulic sequential control fitted as standard to adjust the time delay between front and rear rotors when raising and lowering



Parallelogram drawbar is optional in the LINER 700 TWIN and standard in the LINER 800 TWIN

On the right track.

One for all.

The LINER single-rotor rakes are specially developed for farmers who prefer to handle their forage harvesting independently, and who often work in smaller fields. The working widths of 11.5 to 17 ft (3.5 to 5.2 m) are ideal for these situations. The key features of the LINER single-rotor rakes are precise ground-contour following, high work rates and excellent reliability.

LINER 550 T

LINER 500 T

LINER 450 T

LINER 370 T





A machine for life.

Runs like clockwork.

In all its single-rotor rake models, CLAAS relies on the continuously lubricated and hermetically sealed CLAAS rotor housing. With the exception of the LINER 370 T, all models are equipped with the PROFIX tine arm bracket and multiple gearing. In the smaller models, the LINER 370 T, the tine arms are connected to the rotor housing with a lemon profile.

All bumps smoothed out.

The CLAAS contour chassis with V-shape tandem axle is positioned close to the tines and adapts to uneven ground. The configurable lateral tilt enables the machine to adjust to different forage volumes. With its caster guide wheel, the rake glides over any uneven surface, even under more challenging conditions, ensuring it can operate with minimal loss and deliver an outstanding crop quality.

Trailed mowers.

CLAAS has also made the LINER 550 T, 500 T, 450 T and 370 T available as trailed variants so that farmers with smaller tractors can also reap the benefits of a high-performance rake. With working widths of between 11.5 and 17 ft (3.5 and 5.2 m), the trailed rakes follow on effortlessly behind the tractor, even over sloping terrain. Once hitched up, the wide-track machine stays in line behind the tractor both in the field and on the road.

Precision raking.

All LINER machines fit into the lower linkage points on the tractor using a sturdy inverted U-frame. The wide-opening insertion points for the upper linkage create significant ground clearance when in the raised position, even on small tractors.

The raking height can be adjusted from the cab hydraulically or via a crank lever for perfect, precision raking. The position of the windrow guard can be fixed via an easy-to-operate clamping bolt.

The practical placement area integrated into the inverted U-frame ensures that the drive shaft remains within easy reach and at working height when attaching, and has its place when detaching the rake.

Safe and secure on the road.

Spring-mounted, or, as an option, hydraulically folding protective frames and easily accessible transport brackets for the removable tine arms quickly help reduce the transport width to the permissible level. The rotor is locked in place by the integrated transport bracket when on the road. The large warning signs are available as options, either with or without lighting.



CLAAS also relies on the PROFIX tine arm bracket in the single-rotor rake



In virtually all of the single-rotor rakes, the guide wheel is available as an optional extra



Generous lifting height for driving smoothly over windrows



LINER		Working width
LINER 550 T	ft (m)	17 (5.2)
LINER 500 T	ft (m)	15.75 (4.8)
LINER 450 T	ft (m)	14.75 (4.5)
LINER 370 T	ft (m)	11.5 (3.5)

Off you go – no fuss.

Just one single-acting spool valve is required to operate the trailed single-rotor rakes.

- The hitch design enables raising of the rotors parallel to the ground
- Setting of rotor angle in the direction of travel via a built-in crank handle fitted in the drawbar cylinder
- Optional: parallelogram drawbar for connection to rigid pulling mechanisms

The ideal machine every time.

The LINER single-rotor rakes are mainly intended for use in smaller fields. Working widths of 11.5 to 17 ft (3.5 to 5.2 m) are ideal for these situations. Whether with three-point hitching or as a towed model, the key features of the LINER single-rotor rakes are precise ground-contour following, high work rates and excellent reliability.



LINER center delivery rakes		4000	3600	3100	2900	2800	2700	2600
		Four-rotor rakes		Dual center delivery rakes				
Mounting category		Cat. III	Cat. II	Cat. II	Cat. II	Cat. II	Cat. II	Cat. II
Working width	ft (m) (DIN)	40 - 49.2 (12.2 - 15)	32.5 - 41 (9.9 - 12.5)	28.5 - 32.8 (8.7 - 10.0)	26.2 - 29.5 (8.0 - 9.0)	24.3 - 26.9 (7.4 - 8.2)	22.3 - 24.3 (6.8 - 7.4)	20.3 - 22.3 (6.2 - 6.8)
Windrow width ¹	ft (m), approx.	5 - 8.5 (1.5 - 2.6)	3.9 - 7.5 (1.2 - 2.3)	5 - 8.5 (1.5 - 2.6)	4 - 7.9 (1.2 - 2.4)	4 - 7.2 (1.2 - 2.2)	4 - 6.5 (1.2 - 2.0)	3.6 - 6 (1.1 - 1.8)
Transport width								
with tine arms attached	ft (m)	9.85 (3.0)	9.85 (3.0)	9.75 (2.97)	9.75 (2.97)	9.75 (2.97)	9.75 (2.97)	9.75 (2.97)
Transport height / storage height								
with tine arms attached	ft (m)	13 (3.99)	13 (3.99)	14.6 (4.46)	13 (3.99)	13 (3.99)	13 (3.99)	13 (3.99)
with tine arms removed	ft (m)	11.7 (3.57)	11.2 (3.4)	12.3 (3.75)	12.2 (3.72)	11.4 (3.47)	11 (3.38)	10.4 (3.18)
Parking length (transport position)	ft (m)	33.3 (10.16)	28.5 (8.7)	22.7 (6.92)	21.4 (6.53)	21.4 (6.53)	19.3 (5.87)	19.3 (5.87)
Rotors	Qty	4	4	2	2	2	2	2
Rotor diameter	ft (m)	12.5 (3.8)	10.8 (3.3)	13.8 (4.2)	12.5 (3.8)	11.5 (3.5)	10.5 (3.2)	9.5 (2.9)
Tine arms per rotor set	Qty	14	12	14	14	12	12	11
Dual tines per arm set	Qty	4	4	5	4	4	4	4
Tine diameter	mm	9.5	9.5	9.5	9.5	9.5	9	9
PROFIX tine arm bracket		●	●	●	●	●	●	—
Windrow-laying position		Center	Center	Center	Center	Center	Center	Center
Four-wheel rotor chassis		● ²	●	—	● ²	● ²	●	●
Six-wheel rotor chassis		○ ³	—	● ²	○	○	○	—
Fully floating suspension		●	●	●	●	●	●	●

Drive systems

PTO shaft speed	rpm	540	540	540	540	540	540	540
Single wide-angle PTO drive shaft		●	●	●	●	●	●	●

Tires

Rotor chassis								
16 x 6.50-8 10 PR		4 x 4	4 x 4	2 x 6	2 x 4	2 x 4	2 x 4	2 x 4
Main frame								
10.00/75-15.3 10 PR		—	—	—	—	2	2	2
15/55-17		—	2 (○)	2	2	2 (○)	—	—
500/55-20		—	2 (○)	—	—	—	—	—
620/40 R 22.5		2	—	—	—	—	—	—
Weight	approx. lb (kg)	12,895 (5,850)	10,140 (4,600)	6,173 (2,800)	4,960 (2,250)	4,520 (2,050)	4,190 (1,900)	3,530 (1,600)

Comfort

Spare wheel 16 x 6.50-8 10PR (available through CLAAS Parts)		○	○	○	○	○	○	○
Wheel weights (available through CLAAS Parts)		—	—	●	○	○	○	—
Single-rotor lifting function (three-way valve)		—	—	●	●	●	○	○
Single-rotor lifting function, electrohydraulic (available through CLAAS Parts)		●	●	○	○	○	—	—
Electrohydraulic rotor height adjustment (available through CLAAS Parts)		○	○	○	○	○	—	—
LED working lights		○	○	—	—	—	—	—
Hydraulic spool valves		—	1 x single-acting					
	1 x sa + fR or LS	1 x sa + fR or LS	1 x dual-acting	1 x dual-acting	1 x dual-acting	1 x dual-acting	—	—

1 Depending on the prevailing crop conditions and speed

2 Front lateral suspension

3 For rear pair of rotors

● Standard ○ Option — Not available.

4 Windrow guard and protective frame folded

5 Rear only

6 1 sa respectively for hydraulic rotor height adjustment and hydraulic windrow guard folding

LINER side delivery rakes ¹		1750	1650 TWIN	800 TWIN	700 TWIN	550 T	500 T	450 T	370 T
Dual side delivery rakes				Single-rotor rakes					
Mounting				Swinging drawbar/hitch	Swinging drawbar/hitch	Swinging drawbar/hitch	Swinging drawbar/hitch	Swinging drawbar/hitch	Swinging drawbar/hitch
Mounting category		Cat. II	Cat. II	–	–	–	–	–	–
Working width	ft (m)	26.25 (8.0)	22.25 - 25.9 (6.8–7.9)	13 - 24.5 (4.0 – 7.5)	11.5 - 20.7 (3.5 – 6.3)	17 (5.2)	15.75 (4.8)	14.75 (4.5)	11.5 (3.5)
Transport width									
with tine arms attached	ft (m)	9.7 (2.96)	9.44 (2.88)	11.8 (3.6)	9.85 (3.0)	13.8 (4.2) ³	12.5 (3.8) ³	11.5 (3.5) ³	9.8 (2.98) ³
with tine arms removed	ft (m)	–	–	7.9 (2.42)	7.9 (2.42)	8.7 (2.65)	8.2 (2.5)	7.2 (2.2)	–
Transport height / storage height									
with tine arms attached	ft (m)	13 (3.99)	13 (3.99)	–	–	–	–	–	–
with tine arms removed	ft (m)	12.1 (3.69)	11.6 (3.55)	–	–	8 (2.45)	8 (2.45)	8 (2.45)	–
Parking length (transport position)	ft (m)	31.3 (9.54)	28.2 (8.6)	28 (8.55)	26.25 (8.0)	15.1 (4.6)	14.4 (4.4)	17.2 (5.25)	15.6 (4.75)
Rotors	Qty	2	2	2	2	1	1	1	1
Rotor diameter	ft (m)	12.5 (3.8)	10.5 (3.2)	11.5 (3.5)	9.5 (2.9)	13.8 (4.2)	12.5 (3.8)	11.5 (3.5)	9.5 (2.9)
Tine arms per rotor set	Qty	14	12	12	11	14	14	12	11
Dual tines per arm set	Qty	4	4	4	4	5	4	4	4
Tine diameter	mm	9.5	9.5	9.5	9.5	9.5	9.5	9	9
PROFIX tine arm bracket		●	●	●	●	●	●	●	–
Windrow-laying position		left	left	left	left	left	left	left	left
Four-wheel rotor chassis		●	●	●	●	●	●	●	●
6-wheel rotor chassis		○	○	–	–	–	–	–	–

Tires

Rotor chassis	16 x 6.50-8 10 PR		2 x 4 (2 x 6 ○)	2 x 4 (2 x 6 ○)	–	–	–	–	–	4
	18 x 8.50-8 6 PR		–	–	2 x 4	2 x 4	4	4	4	–
Main frame	10.00/75-15.3 10 PR		–	2	–	–	–	–	–	–
	15/55-17		2	–	–	–	–	–	–	–
Fully floating suspension			●	●	● ⁵	● ⁵	–	–	–	–
Weight	approx. lb (kg)	5,790 (2,625)	4,915 (2,230)	3,570 (1,620)	3,175 (1,440)	1,929 (875)	1,731 (785)	1,731 (785)	1,160 (525)	

Drive systems

PTO shaft speed	rpm	540	540	540	540	540	540	540	540
Single wide-angle PTO drive shaft		●	●	●	●	●	●	●	●

Comfort

Spare wheel 16 x 6.50-8 10PR		○	○	–	–	–	–	–	–
Spare wheel 18 x 8.50-8 6 PR		–	–	○	○	–	–	–	–
Wheel weights (available through CLAAS Parts)		○	○	–	–	–	–	–	–
Double wide-angle PTO drive shaft		–	–	●	●	–	–	–	–
TWIN function		–	●	●	●	–	–	–	–
Guide wheel at front (available through CLAAS Parts)		–	–	○	○	○	○	○	○
Hydraulic folding of windrow guard		–	–	○	○	○	○	○	–
Hydraulic rotor height adjustment (available through CLAAS Parts)		○	–	–	–	–	–	–	–
Parallelogram drawbar		–	–	●	●	●	●	●	●
Hydraulic spool valves		1 x single-acting	1 x single-acting	1 x single-acting	1 x single-acting				
		1 x dual-acting	1 x dual-acting	1 x dual-acting	1 x dual-acting	1 x dual-acting ⁶	1 x dual-acting ⁶	1 x dual-acting ⁶	–

CLAAS continually develops its products to meet customer needs. 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.

● Standard ○ Option – Not available.



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