

LINER
4000 2900 2800
2700 2600 1750
1650 TWIN 750 TWIN

CLAAS

Taking raking into a
whole new dimension.



Everything turning...





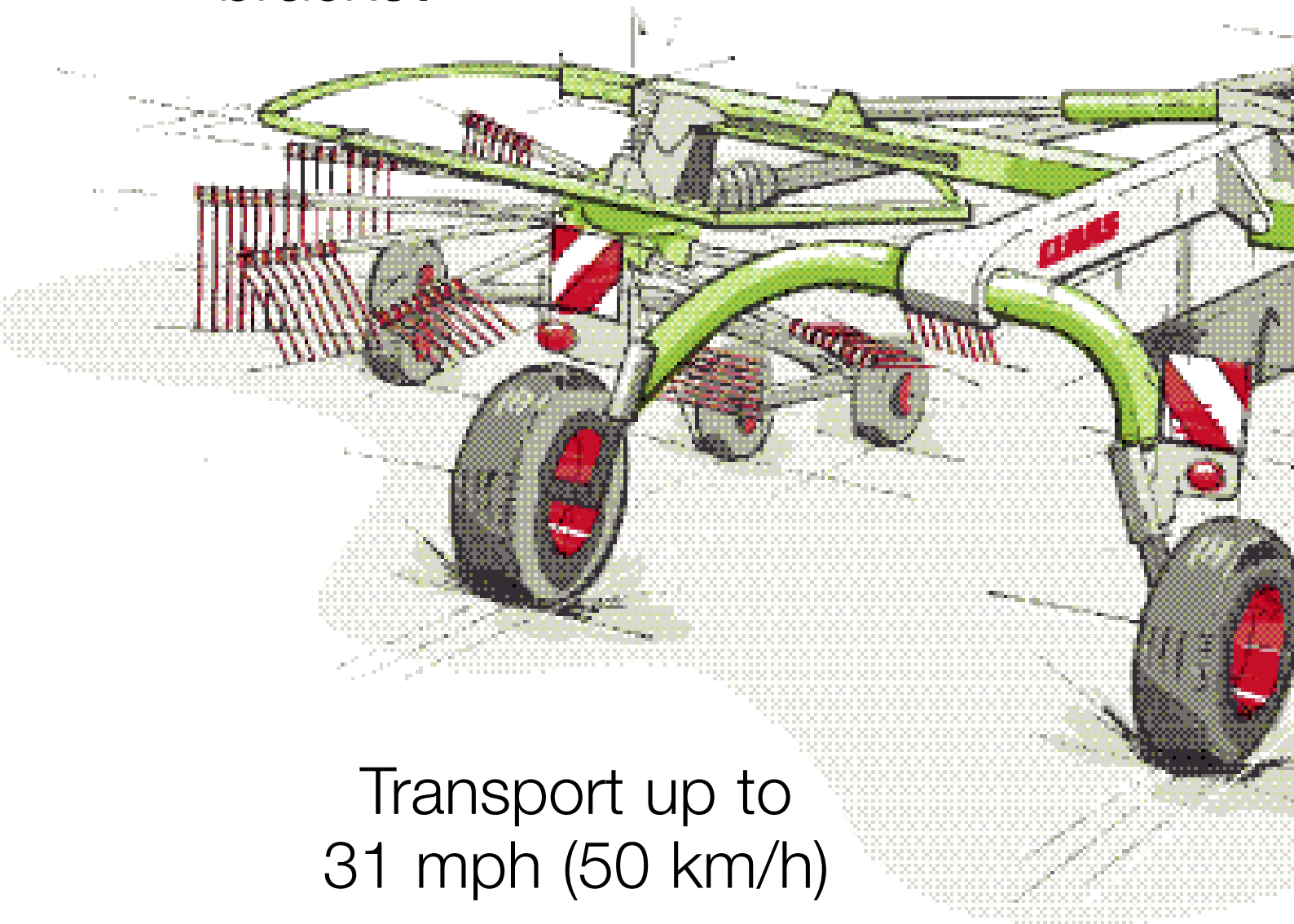
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40.0 - 49.2 ft (12.20 m – 15.00 m)	
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LINER 750 TWIN	32
13 - 24.6/24.6 ft	
(4.00 m – 7.50 m / 7.50 m)	

Transport
(4 m) with
the

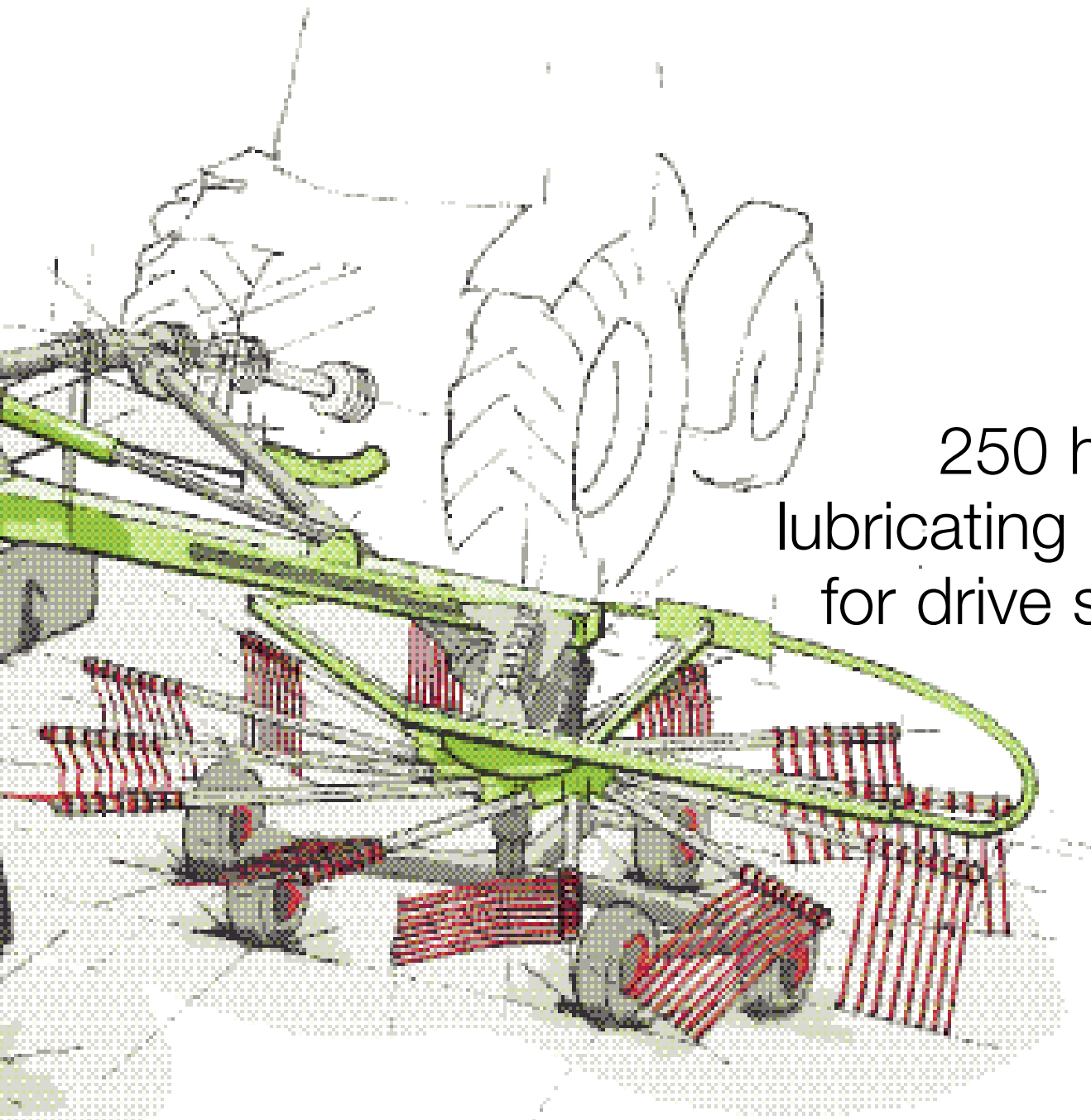
The time-saving
machine.

PROFIX tine arm
bracket



Transport up to
31 mph (50 km/h)

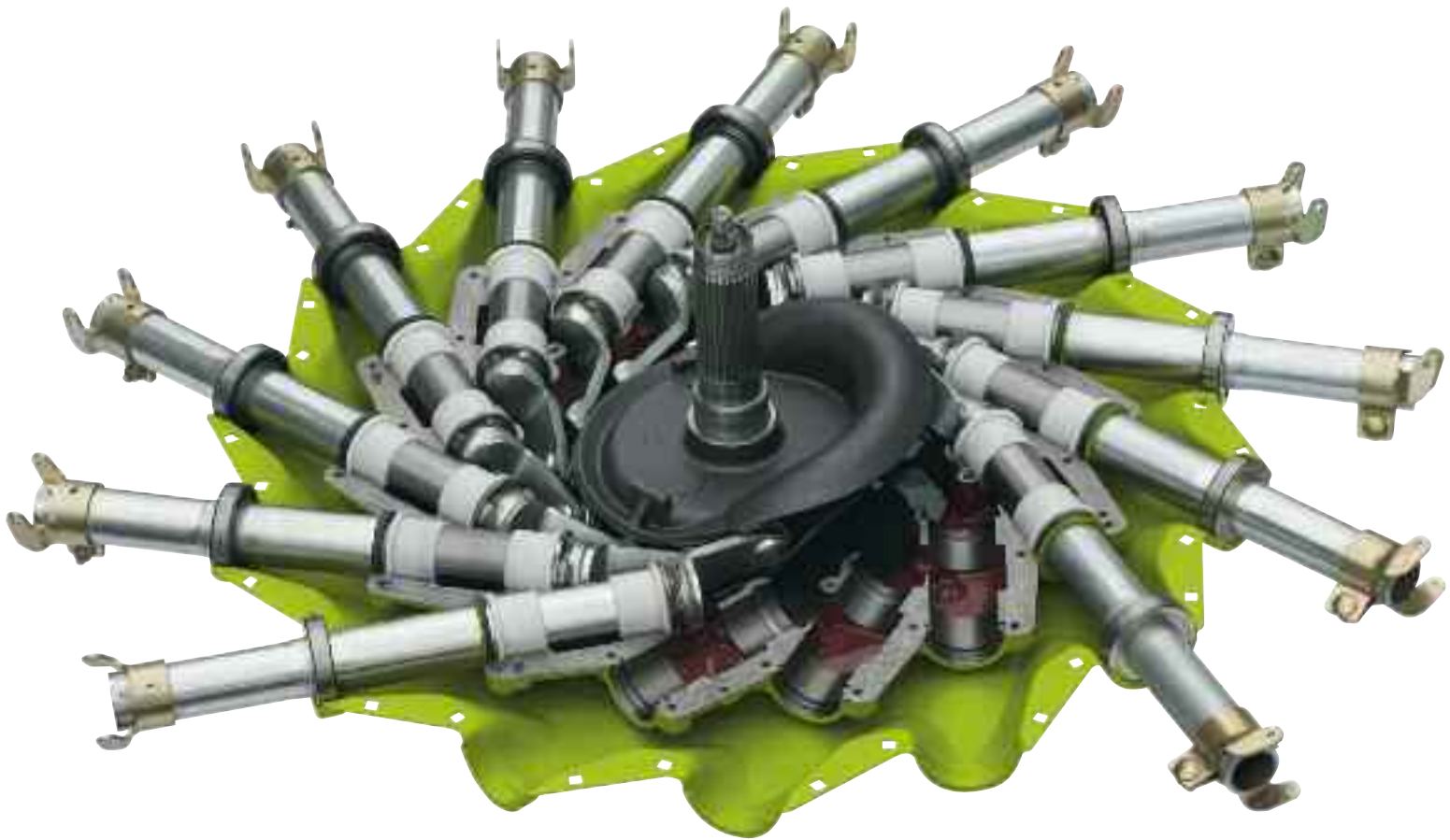
height <13.1 ft
without removing
tine arms



250 hr
lubricating interval
for drive shafts

Continuously
lubricated
rotor

Clean raking, even at
high ground speeds
with 6-wheel chassis



The heart of the rake.

15 years ago, CLAAS came up with the successful design for the LINER series – the housed rotor. It gives the LINER the unique reliability and robustness that a rotary rake of this performance class needs. Precise cutting and drawing of windrow thanks to an intelligent tine control system and extremely low-maintenance and low-wear characteristics – that's what the LINER is about.

A classic – the CLAAS long-running cam track.

Its spheroidal graphite iron construction gives the cam track the out-and-out strength to withstand any load.

The large diameter and the gentle rise of the cam track guarantee:

- that the tine arms run smoothly, thereby producing clean raking during prolonged use without material fatigue;
- minimal deflection force is exerted on the cam track rollers;
- smooth operation of the cam track rollers under all conditions to significantly increase the service life of the cam track.

The latest innovation is hidden inside.

The proven closed rotor, which has been tested over thousands of acres, has been improved for the new rotary rake generation to increase the machines' performance and durability even further.

- Robust cast housing.
- Strongest cam track arms on the market, with a large tube diameter and walls constructed from strong materials.



You can only build on a solid foundation.

- The tine arm bending point is located outside of the rotor housing so that, in case of impact damage, the rotor does not have to be opened for repairs; only the tine arm needs to be replaced.
- Sturdy dual bearings on the tine arm to guard against horizontal and vertical loads, thus protecting the cam track rollers; large, wear-resistant tine arm slide bearings.
- In the case of the 14-arm rotary gearbox of the LINER 2900, 1750, and the new LINER 4000, forces on the cam track arms and rollers are minimised, even for high loads, by an additional bearing housing.

All disruptions prevented.

Even the best steel wears eventually, unless all of the mechanical processes have continuous lubrication. It is this principle that CLAAS has chosen to adopt for its machines. For years, farmers and subcontractors have sworn by the enclosed housing on the CLAAS rake.

- Fully enclosed rotary gearbox.
- No penetration from dirt or crop particles.
- Oil-filled rotor for permanent lubrication and frictionless operation of the cam track rollers.
- Minimum wear, maximum service life.

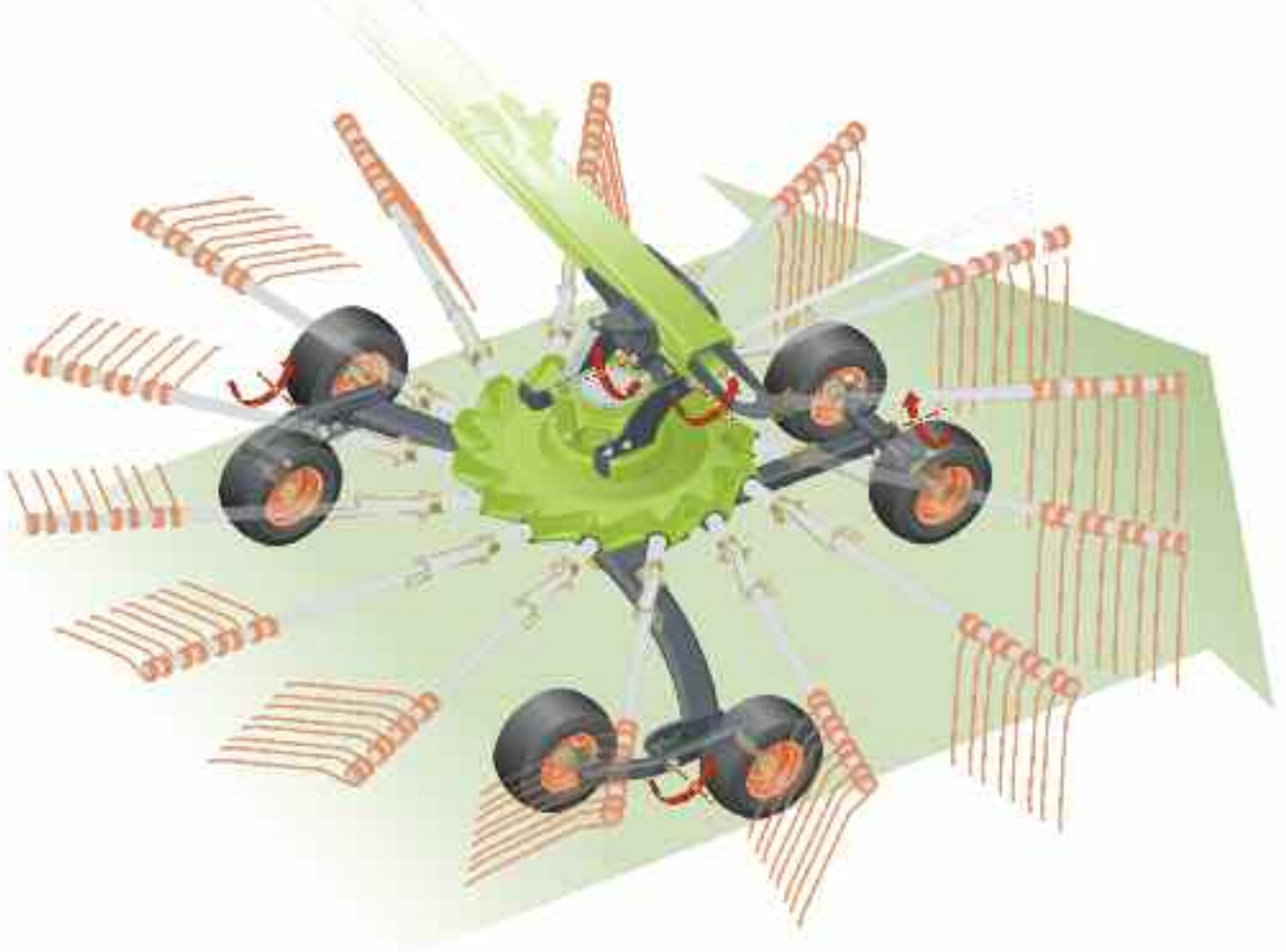
The LINER 2600 is equipped with the familiar, tried-and-tested rotor from the LINER 680 TWIN. Here too, the cam track rollers run in oil.

Easy with PROFIX.

- Standard equipment with all LINER 2700/2800/2900, LINER 750 TWIN, 1750 and the new LINER 4000.
- Easy-release bracket for the tine arms.
- Multiple grooves on the tine arms for perfect, firm seating without play or wear.
- Marker arrow to help when replacing removed tine arms.
- All components of the PROFIX tine arm bracket can be replaced quickly and economically, should the need arise.



Enclosed
rotary gearbox



Three-dimensional, clean and powerful – contour tracking.

- Both rotors are free to move independently of the chassis.
- Three-dimensional tracking of uneven ground by the fully floating suspension, parallel and at right angles to the direction of travel.
- The tines always stay parallel to the ground, ensuring completely clean raking at any speed.

A wide track with a secure rotor suspension – the 4-wheel rotor chassis.

- Positioning close to the tines produces even and clean raking across the whole width.
- Suspended mounting of the rotor chassis front axle on all LINER 2900, 2800 and LINER 1750 and the new LINER 4000 for precise rotor guidance.

All LINER 2700, 2800 and 2900 models, as well as the LINER 1750, LINER 1650 TWIN and the new LINER 4000 can be fitted with optional 6-wheel chassis (available through parts) on the rear rotor. The additional suspended axles with the trailing steered wheels improve contour tracking still further and consequently the working and forage quality.



GRASS CARE :

Work quality =
forage quality.

- All 4 wheels on the front rotor of the LINER 1750 and all four rotors of the new LINER 4000 are steerable for optimum turf protection thanks to precise running, and no grinding – even in tight corners.
- Perfect contour tracking and smooth running, even at high working speeds.

No.1 for lifting.

- Parallel raising of the rotors when folding for transport or when lifting in the headland position before the rotors turn inwards – no hitting the flat windrow with rotating tines.
- Setting down of the rear chassis wheels before the front when lowering the rotors, so the tines do not catch in uneven ground.

Enough clearance for all types of raking.

- Headland lifting of more than 20 in (500 mm) even makes it possible to run across the highest windrow.
- Automatically folding windrow guard for all center rakes – mechanical on the LINER 2600 and LINER 2700, hydraulic on the LINER 2800, 2900, and new LINER 4000 – for running across high windrows or uninterrupted transport on rutted tracks.



No need to get up!

Even more options available.



Carry on – without leaving the cab.

With the tine arms fitted, all center rotary rakes and the new side rotary rakes come in at a transport height under 13.1 ft (4 m) – the innovative design of the new family of rakes makes it possible.

LINER 4000, 2800, 2900 and 1750

- Telescopic rotors retract hydraulically after folding below a height of 13.1 ft (4 m).
- Automatic locking device for mower, with pawl.

LINER 2600 and 2700

- Mower is locked in place using a mechanical transport catch and tension rope.

LINER 1650 TWIN

- Telescopic rotors retract hydraulically after folding below a height of 13.1 ft (4 m).
- Mower is locked in place on the LINER 1650 TWIN using a mechanical transport catch and tension rope.

On your way at top speed – all LINER models can travel at speeds up to 31 mph (50 km/h).



The exceptionally stable ride provided by the machine's low center of gravity on the LINER 4000, 2800 and 2900 center rotary rakes and the new LINER 1650 TWIN and LINER 1750 side rotary rakes guarantee safe transport, even at high speeds.

Highly maneuverable.

As the tractor is steered, the action is passed to the high flotation steer wheels fitted to the extra strong main chassis via the control linkage.

- The rake's wheels follow each tiny movement of the tractor, thus maintaining a clean track, even at high speeds.
- The angled wheel connection reduces the required steering force to a minimum.
- Reduced tire wear and zero-play steering.
- Lightness and maneuverability.



LINER 2800 and 2900 center rotary rakes are fitted with a standard single-rotor lifting option. A three-way valve lets you set either the left, right or both rotors when lifting. (Also available through parts on LINER 2600 and 2700)



Transport



We create space – the inverted U – frame.

All CLAAS large rotary rakes with separate chassis fit onto the lower linkage points on the tractor with an open frame which uses a sturdy inverted U-frame.

- Quick to hitch up, extremely reliable and stable during operation.
- Headstock angles of up to 80% can be achieved without a problem.
- Stable, easy-to-use stand.
- Practical storage for the drive shaft.
- Convenient brackets for the hydraulic lines in standby position.
- Pivot-mounted hose supports for secure and protected running of lines to the tractor.

Direct and accessible – typical for this drive concept.

The power of the main drive is distributed to the rotors via an auxiliary gearbox.

- Sophisticated gear transmission ratio ensures that the drive train is subjected to the lowest loads and has the longest service life possible.
- Integrated freewheel mechanism comes as standard.
- Individual protection of the rotor against overload via a friction clutch.

Convenience and safety – down to the smallest detail.

- Scale on the rotor arm for setting the rake width on the LINER 2800 and LINER 2900.
- Infinite hydraulic adjustment of overlapping rotors on the new LINER 1650 TWIN and LINER 1750 for easy selection between maximum cutting width and greater overlap for tight turns.
- Scale on the central tube of the chassis for setting the working height.
- Lighting and warning signs fitted as standard for safe road transport.



More convenient
than ever.

Maintainance – practically a foreign word.

Thanks to the new drive concept, maintenance tasks on your new LINER are easier and rarer than ever before.

- Drive train located entirely on the outside and at an accessible height.
- 250-hour lubrication interval for drive shaft universal joints.
- Continuously lubricated, maintenance-free rotor.



Using the scale, the rotor height can be set parallel down to millimeter accuracy levels.

Hitching
Drive
Adjustment

Best in class.





LINER 4000

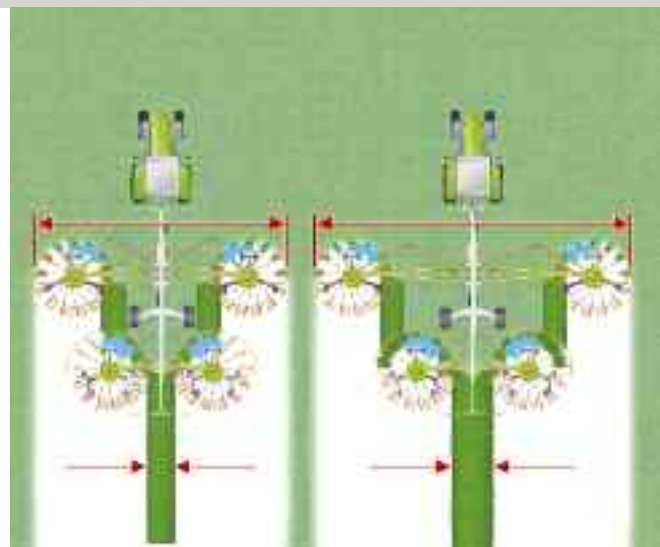
Optimum efficiency and comfort, excellent transportation stability.

Four is the magic number.

- Four rotors each with a 12.5 ft (3.8 m) working width and cardan suspension.
- You can hydraulically lower the main chassis and the rotors in their folded state from the cab and without removing individual tine arms to reduce to a transport height under 13 ft (4 m).

Comfortable in use.

- Operation via CLAAS COMMUNICATOR or any other ISOBUS compatible terminal.
- Folding in and out from the comfort of the tractor cab.
- Working width 40-49.2 ft (12.20 m – 15.00 m) and swathing width 5-8.5 ft (1.50 m - 2.60 m) are hydraulically and continually variable; possible to save various swathing widths.
- Individual rotor lift.
- Load sensing compatible.
- Also available:
 - Hydraulic rotor height adjustment, convenient operation via CLAAS COMMUNICATOR or any other ISOBUS compatible operating terminal.
 - Four rake heights that can be saved individually and called up at any time, enabling optimum raking quality for changing ground and operating conditions.





Intelligent headland management.

- Adjustable time sequence of lifting and lowering of the front and rear rotors.
- Infinitely adjustable, hydraulic headland lift height to suit the most varied forage quantities.
- Automatic hydraulically folding swath guard for maximum ground clearance.
- Optimized centre of gravity at the headland through automatic rotors that are attracted to the chassis via the scissor kinematics.

The strong heart.

- The new CLAAS professional rotor dome assembly is fitted with an additional bearing housing.
- 14 removable tine arms, all with the PROFIX quick change system.
- All rotors are protected by the cam clutches.
- Relief is provided to rotors via strong spring packs.

Performance-based transportation.

- Hydraulically lowerable and spring-mounted main chassis can be operated from inside the cab, enabling low transport heights and safer road driving up to 30 mph (50 km/h), plus considerable ground clearance in the working position or when transporting on dirt tracks.
- High volume 620/40 R22.5 transport tires for optimum ground protection and best possible transport stability.
- The 4-wheel chassis with steerable front wheels and a laterally suspended front axle creates extremely smooth running and particularly precise gauging of the ground contour.
- Optional 6-wheel chassis for the rear rotors is equipped with extra tandem axles and trailing wheels for precise ground contour tracking and minimal crop contamination.
- Automatic mechanical transport locking device for mower.
- Lighted, folding warning signs for narrow entrances to yards and fields.



LINER 4000



The LINER 2900 opens up new dimensions in every respect. It reliably offers the best windrow output in the shortest time and is also quick to transport between jobs, without having to get out even once – this is unique to the CLAAS professional series center delivery rotary rakes.

Of course, to serve as the ideal pre-requisite to a forage harvester, a very high working output is required. It must be possible to windrow quickly, while at the same time maintaining the high forage quality.

- CLAAS professional rotor with an additional bearing housing.
- Working width infinitely hydraulically adjustable from 26.3 to 29.5 ft (8.00 m to 9.00 m).
- 14 removable tine arms with PROFIX quick change system.
- 4-wheel chassis with steerable front wheels and laterally suspended front axle for extremely quiet operation and particularly precise gauging of any ground contour.
- Optional (through parts) 6-wheel chassis with extra tandem axles and trailing wheels for optimal contour tracking, highest working speeds and minimal crop contamination.

- Infinitely adjustable, hydraulic headland stop to suit the most varied forage quantities.
- Automatic hydraulically folding windrow guard for maximum ground clearance.
- Ability to reduce the transport height to below 13.1 ft (4 m) by hydraulically lowering the rotors in their folded state without leaving the cab.
- The machine has a low center of gravity due to the rotors being telescopically retracted downwards in their transport position and consequently more stable handling, even at higher speeds up to 31 mph (50 km/h).
- Transport lock automatically released on deployment of the rotors.



LINER 2900

Highest work rates
+ optimal forage quality.



Set of large tires for transport (15/55-17) to provide optimum stability for driving both in fields and in transit.

LINER 2900

LINER 2800

A well- rounded product.



Getting out of the cab is a thing of the past, nowadays you can just get on with your work. With the LINER 2800, you have the option of hydraulically lowering the transport height without removing the tine arms and getting out of the driver's seat.

The LINER 2800 faultlessly performs preparatory work for all collecting machines. Be it for large volumes of crop or for straw, the crop is raked into a perfect even shaped windrow every time.

- CLAAS professional rotor housing.
- Infinitely hydraulically adjustable working width from 24.3 to 26.9 ft (7.40 m to 8.20 m), readable from a scale.
- 12 removable tine arms with PROFIX quick change system.
- 4-wheel chassis with steerable front wheels and laterally suspended front axle for extremely quiet operation and particularly precise gauging of the ground contour.
- Optional (through parts) 6-wheel chassis with extra tandem axles and trailing wheels for optimal contour tracking, highest working speeds and minimal crop contamination.
- Infinitely adjustable, hydraulic headland stop to suit the most varied forage quantities.
- Automatic hydraulically folding windrow guard for maximum ground clearance.
- Ability to reduce the transport height to below 13.1 ft (4 m) by hydraulically lowering the rotors in their folded state without leaving the cab.
- Machine center of gravity lower due to the telescopically retracted rotors in their transport position and consequently more stable handling, even at higher speeds.
- Transport lock automatically released on deployment of the rotors.

High-volume 15/55-17 optionally available transport tires for best ride stability and maximum ground protection.





LINER 2800



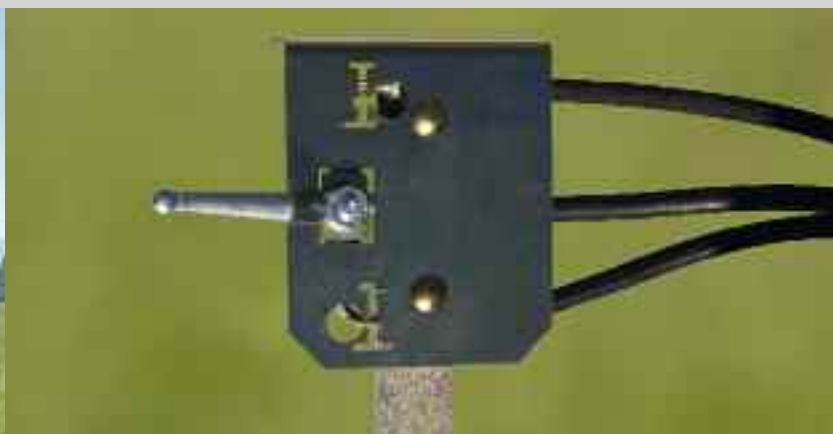
The LINER 2700 is distinguished by professional levels of reliability. The robust, new rotor offers the highest levels of safety, an extremely long service life and perfect raking performance all in one.

The tight timeframes associated with forage harvesting demand continuous and uninterrupted raking performance. Medium-sized farms are equally reliant on safety and reliability as the largest forage harvesting operations or farm contractors. The LINER 2700 offers the working width best suited to this market segment, combined with the performance characteristics of professional rakes.

- CLAAS professional rotor housing.
- Working width hydraulically adjustable from 22.3 to 24.3 ft (6.80 m to 7.40 m) with mechanical stops; all you need is a single-acting control valve.
- 12 removable tine arms with PROFIX quick change system.
- 4-wheel chassis with front steering wheels.
- Optional (through parts) 6-wheel chassis with extra tandem axles and trailing wheels for optimal contour tracking, highest working speeds and minimal crop contamination.
- 2-level adjustable, mechanical headland stop.
- Mechanical transport locking device.
- Automatic mechanically folding windrow guard for maximum ground clearance.
- Single-rotor lifting, controlled via a three-way valve (optional through parts).

LINER 2700

Optimum average
working width.



LINER 2700

LINER 2600

The baby
among giants.





The LINER 2600 is able, under all conditions, to faultlessly deposit a clean, even shaped windrow in the center of the machine for the baler or forager. With a raking width of 20.3 ft (6.20 m) or more, this dual-rotor machine deposits the ideal windrow for loader wagons or small balers.

Even the smallest new-generation center rotary rake has the performance characteristics required for successful and efficient forage harvesting. The LINER 2600 is unbeatable for cost/performance ratio and offers all the basics a rake needs.

- Familiar, proven, maintenance-free housed rotor from the LINER 680 with oil filling.
- Fixed working width from 20.3 - 22.3 ft (6.20 m to 6.80 m), adjustable three different positions by turning a ratchet.
- 11 removable tine arms.
- 4-wheel chassis with front steering wheels.
- 2-level adjustable, mechanical headland stop.
- Mechanical transport locking device.
- Automatic mechanically folding windrow guard for maximum ground clearance.
- Single-rotor lifting, controlled via a three-way valve (optional through parts).



Strength is Standard.







Waste-free raking and transfer to the second rotor means a clean and accurate shape for optimum collection of the windrow by the following machine. The LINER 1750, with its 26.3 ft (8 m) raking width is the rake for all professional silage businesses and farm contractors.

- CLAAS professional rotary rake with an additional bearing housing.
- Up to 26.3 ft (8 m) with infinitely adjustable overlapping of rotors from the driver's seat to avoid losing forage, especially in turns.
- 14 removable tine arms with PROFIX quick change system for maximum raking output.
- 4-wheel chassis with front steering wheels and laterally suspended front axle for extremely quiet operation and most accurate gauging of each ground contour; four steerable wheels on the front rotor for precise running without grinding, even at extremes of steering movement; optimal turf protection.
- Optional (through parts) 6-wheel chassis for the rear rotor with extra tandem axles and steered trailing wheels for optimal contour tracking, highest working speeds and minimal crop contamination.

- Infinitely adjustable, hydraulic headland stop to suit the most varied forage quantities.
- Rotor overlap can be adjusted from the tractor cab.
- Ability to reduce the transport height to below 13.1 ft (4 m) by hydraulically lowering the rotors in their folded state and automatically folding the windrow guard without leaving the cab.
- Windrow guard lockable in transport position so the crop stays where it belongs when going back for large windrows.
- The machine has a low center of gravity due to the rotors being telescopically retracted downwards in their transport position and consequently more stable handling, even at higher speeds up to 31 mph (50 km/h).
- Transport lock automatically released on deployment of the rotors.

You use the sequential valve to adjust the side offset for lifting and lowering the rotors to suit your individual requirements.



LINER 1750

Professional raking is its job.



You need mega-windrows to feed a chopper. The windrow guard can be folded flat for transport.

LINER 1750

LINER 1650 TWIN

It's your choice.



With such a range of easily used set up options, you can match the LINER 1650 TWIN to produce top results in any crop in line with your forage yield or the type of machine planned to process the swath. You can choose between a single, large swath to feed the self propelled JAGUAR, for instance, or make two swaths if the crop is extremely dense.

- New CLAAS professional rotor dome assembly.
- For a single swath 22 ft 4 in (6.8 m) raking width, and for dual swaths up to 25 ft 10 in (7.9 m).
- 12 removable tine arms with PROFIX quick change system for maximum raking output.
- 4 wheel chassis with steered front wheels.
- Optional 6 wheel chassis with extra tandem axles and trailing wheels for precise contour tracking, highest working speeds and minimal crop contamination.
- Two stage adjustable, mechanical headland stop to suit the most varied forage quantities.
- Fitted as standard with a sequential control for adjusting the time delay between front and rear rotors when raising and lowering.



- Rotor overlap can be adjusted from the tractor cab.
- You can reduce the transport height to below 13 ft (4 m) by hydraulically lowering the rotors in their folded state and automatically folding the swath guard without leaving the cab.
- The swath guard is lockable in transport position so the crop stays where it belongs when going back for large swaths.
- The machine has a low center of gravity when the rotors have been retracted downwards into the transport position. This ensures more stable handling, even at higher speeds up to 30 mph (50 km/h).
- Mechanical transport locking device.

You choose the way you prefer.

You switch from single to dual swath operation by moving the telescopic boom in or out. This is controlled with the double acting hydraulic valve. By just inserting a pin, you can decide in advance which swath type you prefer. An optional second swath guard is available.





For small and medium farms that rely on economical work rates, LINER 750 TWIN with its large raking width, moderate power requirements, high operating comfort and outstanding raking quality is one of the most suitable partners for forage harvesting. With its wide range of adjustment depending on the crop density and the type of following collection system, this class of rotary rakes offers extraordinary flexibility in all harvesting situations.

Narrow transport dimensions.

All 12 tine arms of both rotors on the LINER 750 TWIN can be removed, and the protection frame folded. Folding the frame locks the rotors. Removing the three tine arms from the left and right rotors gives you a reduced width of 7.8 ft (2.40 m), ideal for narrow roads, passages and parking in small areas.

Versatile in its uses.

- Compact 2-rotor rake with integrated transport chassis.
- Raking width and overlapping rotors infinitely adjustable from the driver's seat via double-acting hydraulic swivel cylinders on the rear rotor.
 - One-windrow discharge: the rear rotor runs to the left, offset behind the front rotor; rotor overlapping infinitely adjustable for cutting widths from 13.1 ft to 24.6 ft (4.00 m to 7.50 m).
 - Two-windrow discharge: the rear rotor runs to the right, offset behind the front rotor – discharging windrows collected at night or for large crop quantities; raking width 24.6 ft (7.50 m).



LINER 750 TWIN

Unlimited flexibility.



Convenient to operate.

- Infinite hydraulic adjustment of the raking width between 13.1 and 24.6 ft (4.00 m and 7.50 m).
- Easy changeover from work to transport position and from one to two-windrow position from the driver's seat.
- Infinite adjustment of timing offset when lifting and lowering the rotors from front to rear.
- Precise adjustment of the rear rotor lowering speed by means of a delay valve.
- Scale for accurate height adjustment.
- Infinitely adjustable side angle of both rotors to suit different crop conditions.
- Additional spindle on rear rotor for adjusting the rotor angle in the direction of travel.
- Practical and stable jack with convenient height adjustment option.
- Standard second windrow guard for the front rotor for producing two windrows.



Because the drawbar is parallel to the ground, the hitch point – whether in the working or transport position – remains in the same position to guarantee even loading and minimal wear on the coupling device.

LINER 750 TWIN

LINER 750 TWIN

Always cuts a fine figure.

Techniques for safe use

- 12 removable tine arms with PROFIX quick change system.
- Sturdy frame with easily accessible grease points.
- Driven via a robust swivelling drive head for extreme maneuverability to protect the drive train from flexing.
- Excellent stability on slopes thanks to the close position of the transmission to the rear axle of the tractor.
- Center drawbar lifting cylinder for even force distribution and parallel lifting.
- Hydraulic rotor lifting of more than 20 in (50 cm) for higher ground clearance and therefore safe running over flat windrows on headlands.





GRASS CARE – the art of contour tracking.

An absolutely clean cut, even under difficult conditions and at high working speeds are the pre-requisites for producing high-quality forage.

- Fully floating suspension on the rear rotor.
- Perfect contour tracking by both rotors, independently, with a pendulum travel of $\pm 15^\circ$ parallel and at right angles to the direction of travel.
- Tandem axles with four large-volume (18x8.50-8 6PR) tires per rotor for quiet running and reliable rotor control.
- Accurate gauging of the ground profile by positioning the wheels close to the tines.
- Two wheels per chassis raised in transport position, so no grinding and less wear.
- Optional right or left castor guide wheel (available through parts) can be fitted to improve raking quality still further, with no tools required.
- Shock absorbers on the rear rotor for stable handling and optimum contour tracking.
- Four dual tines per arm.



LINER 750 TWIN

Good partners
never leave you in the dark.
However late it may be.





We are there for you, wherever you are.

Rest assured that we can supply your business with the necessary spare parts at any time. Our central spare parts warehouse delivers all ORIGINAL CLAAS parts quickly and reliably all over the world. The many partners of CLAAS guarantee that they reach their destination as soon as possible – wherever you may be.

We are speaking the same language.

CLAAS sales partners are some of the world's most efficient agricultural machinery companies. Our partners are superbly trained and suitably equipped, highly familiar with the way you work and understand your expectations when it comes to expertise and reliability.

We provide the service.

You can always count on the professionalism and reliability of our FIRST CLAAS SERVICE® Teams. Round the clock, CLAAS dealers and sales partners ensure optimum spare parts supply and reliable customer service worldwide.



FIRST CLAAS SERVICE®

LINER

			LINER 4000	LINER 2600	LINER 2700	LINER 2800
Hitching/attachment			Cat. II	Cat. II	Cat. II	Cat. II
Cutting width	1-windrow operation	ft (DIN)	40-49.2 ft	20.3-22.3 ft	22.3-24.3 ft	24.3-26.9 ft
		(m)	(12.20-15.00 m)	(6.20 – 6.80 m)	(6.80 – 7.40 m)	(7.40 – 8.20 m)
	2-windrow operation	ft (m) (DIN)	-	-	-	-
Windrow width*		ft (m)	5-8.5 ft (1.50 – 2.60)	3.6-6 (1.10 – 1.80)	4-6.5 (1.20 – 2.00)	4-7.2 (1.20 – 2.20)
Transport width	with tine arms attached	ft (m)	9.85 (3.00)	9.75 (2.97)	9.75 (2.97)	9.75 (2.97)
	with tine arms removed	ft (m)	-	-	-	-
Transport height	with tine arms attached	ft (m)	13 (3.99)	12.9 (3.94)	13 (3.99)	13 (3.99)
	with tine arms removed	ft (m)	11.7 (3.57)	10.4 (3.18)	11 (3.38)	11.4 (3.47)
Parking length (transport position)		ft (m)	33.3 (10.16)	19.3 (5.87)	19.3 (5.87)	21.4 (6.53)
Power requirement		(kW/hp) from	55/75	29/40	33/45	37/50
Rotors		number	4	2	2	2
Rotor diameter		ft (m)	12.5 (3.80)	9.5 (2.90)	10.5 (3.20)	11.5 (3.50)
Tine arms per rotor set		number	14	11	12	12
Dual tines per arm set		number	4	4	4	4
Tine diameter		mm	9.5	9	9	9.5
Windrow former			guard	guard	guard	guard
Windrow			center	center	center	center
PTO shaft speed		rpm	540	540	540	540
Contour chassis			4-wheel chassis	4-wheel chassis	4-wheel chassis	4-wheel chassis
				fully floating suspension	fully floating suspension	fully floating suspension
				fully floating suspension	fully floating suspension	fully floating suspension
					fully floating suspension	fully floating suspension
						front lateral suspension
Tires:						
Contour chassis:	16 x 6.50-8 10 PR		4 x 4	2 x 4	2 x 4	2 x 4
	18 x 8.50-8 6PR		-	-	-	-
Main chassis:	10.00/75-15.3 10 PR		-	2	2	2
	15/55-17		-	-	-	i
	350/50-16		-	-	-	-
	620/40R 22.5		2	-	-	-
Weight		approx. lb (kg)	12,897 (5,850)	3,530 (1,600)	4,190 (1,900)	4,520 (2,050)
Required hydraulic connections			1 x double-acting	1 x single-acting	1 x single-acting	1 x single-acting
			-	-	-	1 x double-acting
Options:						
6-wheel chassis			**	-	i	i
Single rotor lift (3-way valve)			-	i	i	i
Front castor guide wheel			-	-	-	-

I Standard

i Optional through parts

* Dependent on the respective crop conditions and speed

** For rear pair of rotors

CLAAS continually strives to adapt its products to meet practical requirements. Thus, all products are subject to changes. All descriptions and specifications in this brochure should be considered as approximate and may include optional equipment that is not part of the standard specifications. This brochure is designed for worldwide use. Please refer to your nearest CLAAS dealer and their price list for local specification details. Some protective panels may have been removed for photographic purposes in order to present the function clearly. Never remove these protective panels yourself, to avoid any risk of danger. In this respect, please refer to the relevant instructions in the operator's manual.

LINER 2900 LINER 750 TWIN LINER 1750 LINER 1650 TWIN

Cat. II	drawbar	Cat. II	Cat. II
26.3-29.5	13.1-24.6 ft	26.3 ft	22.3 ft
(8.00 – 9.00 m)	(4.00 – 7.50 m)	(8.00 m)	(6.80 m)
-	24.6 (7.50)	-	25.9 (7.90)
4-7.9 (1.20 – 2.40)	-	-	-
9.75 (2.97)	11.8 (3.60)	9.7 (2.96)	9.44 (2.88)
-	7.9 (2.40)	-	-
13.1 (4)	13.1 (4)	-	13 (3.99)
12.2 (3.72)	-	12.1 (3.69)	11.6 (3.55)
21.4 (6.53)	28 (8.55)	31.3 (9.54)	28.2 (8.60)
41/55	37/50	41/55	41/55
2	2	2	2
12.5 (3.80)	10.5 (3.50)	12.5 (3.80)	10.5 (3.820)
14	12	14	12
4	4	4	4
9.5	9.5	9.5	9.5
guard	guard	guard	guard
center	left	left	left
540	540	540	540
4-wheel chassis front lateral suspension	4-wheel chassis	4-wheel chassis front lateral suspension	4-wheel chassis
fully floating suspension	rear fully floating suspension	fully floating suspension	fully floating suspension
2 x 4	-	2 x 4	2 x 4
-	2 x 4	-	-
-	-	-	2
2	-	2	-
-	-	-	2
-	-	-	-
4,960 (2,250)	3,800 (1,720)	5,790 (2,625)	4,916 (2230)
1 x single-acting	1 x single-acting	1 x single-acting	1 x single-acting
1 x double-acting	1 x double-acting	1 x double-acting	1 x double-acting
i	-	i (rear rotor)	l
l	-	-	-
-	i	-	-



Every stalk counts.

The brochure "Every stalk counts" contains details of one and four-rotor rakes, plus the LINER 650 TWIN, and LINER 1550 TWIN PROFIL twin-rotor side rakes.

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