



Mower combinations
GMD 1023 F / GMD 1025 F / GMD 1011 / GMD 1015 / GMD 1030
FC 1025 F / FC 1015 / FC 1030 / FC 1030 RA





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GMD

FC

Mowing combinations

MAXIMISING OUTPUT. OPTIMISING FORAGE.

KUHN MOWERS ENSURE OPTIMAL WORK OUTPUT. FOR YEARS, FARM AREAS TO HARVEST HAVE BEEN INCREASING WHILE OPTIMAL MOWING PERIODS ARE LIMITED. THAT'S WHY IT IS ESSENTIAL TO WORK QUICKLY AND EFFECTIVELY, AT THE RIGHT TIME. YOU NEED TO HARVEST TOP-QUALITY FORAGE TO MAKE SURE YOUR HERD GETS THE BEST FEED POSSIBLE, AND YOU CAN COUNT ON KUHN TO PROVIDE YOU WITH HIGH-PERFORMANCE, RELIABLE AND QUALITY-PRODUCING SOLUTIONS.



HARVEST THE BEST OF THE PLANT

Our mowers are designed and equipped to ensure a high-quality cut of all the forage: LIFT-CONTROL hydro-pneumatic suspension, OPTIDISC ELITE cutter bar, lateral offset options and more.

THE REFERENCE IN TERMS OF RELIABILITY

The PROTECTADRIVE safety system on the cutter bar and suspension with break-away safety are two of KUHN's special mower features... That's why they are the reference in the market!

GMD

3123 F | 3125 F | 3525 F | 2811 | 3111 | 3511 | 3511 RS | 4011 | 4411 | 3515 | 4015 | 8730 | 9530 | 10030

FC

3125 F | 3525 F | 3115 | 3515 | 8830 | 9530 | 10030 | 9330 RA | 9830 RA

IN YOUR FIELDS

Your main goal is to produce as much milk and meat out of the basic ration. KUHN is at your side to achieve high quality forage with minimum soil levels and rich in energy and nutrients. The new GMD and FC mowing combinations have built in features facilitating ground contouring which improves cutting quality while preserving the sward.



Highly flexible front units

The frame on GMD and FC 3125 F/3525 F front mowers integrates a suspension unit offering a large travel range, i.e. an angular movement range of 30° and a vertical displacement of nearly 70 cm. Ground pressure is kept constant all the way! The unit's exclusive kinematics allows for this significant freedom of movement.

Rear units with impressive travel range

GMD and FC rear mowing units follow virtually all ground contours thanks to:

- pendulum-type articulation,
 - hydraulic side shift of a 20 cm,
 - a vertical travel range of nearly 50 cm,
 - angular flexibility of approximately 20° with a 50 cm overlap.
- Impressive numbers showing that KUHN is committed to improving the quality of your forage!



Narrow swaths on demand

The front mower's swath width can be reduced to a minimum of 1.00 to 1.20 m, if needed, so as not to drive over the swath with the tractor wheels. In this way the forage is not run flat or contaminated by soil.

Nothing is left uncut

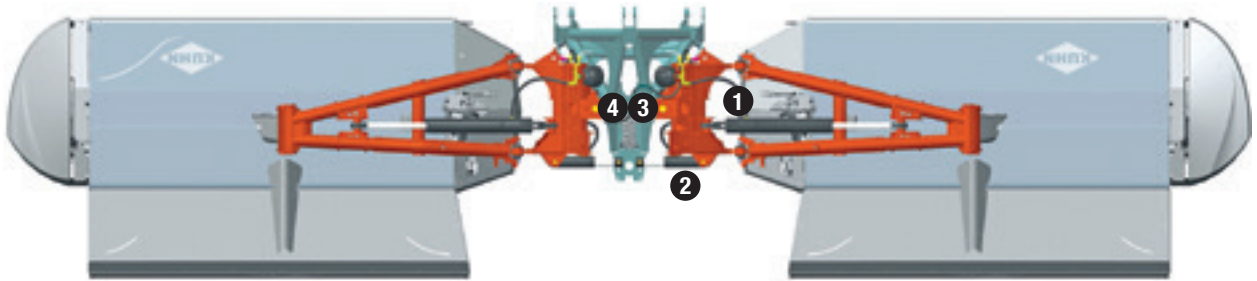
For a clean and complete cut on slopes and tight bends, the mower units can be shifted laterally by 20 cm. This increases the overlap between the front and rear units. Depending on the combination, overlaps from 30 cm to 70 cm are possible. The driver can modify the working width from the cab while working.

LIFT-CONTROL AND NON-STOP SYSTEMS: SAVE TIME AND MONEY!

The profitability of your operation is a daily concern:

- Weather windows are getting shorter and shorter.
- Your plots are getting bigger or farther apart.
- You are setting your standards higher, for you and your customers.

You can improve the quality of your forage and reduce downtime by using the LIFT-CONTROL suspension system and the NONSTOP active safety device.



The LIFT-CONTROL system: smart kinematics

The mowers in this range come with an exclusive system that combines LIFT-CONTROL suspension with NON-STOP safety. The position of the mower unit and cutter bar adapts to plot conditions resulting in impressive ground following:

- (1) Mower-unit-suspension cylinder.
- (2) NON-STOP break-away safety cylinder.
- (3) Pivot axis strategically positioned near the centre of the machine (4).

Simply great forage

Did you know that you can save concentrates worth 89 €/ha per year, just by reducing the impurities in the forage from 4 to 2 %*? KUHNS is at your side to help you produce top quality forage. The know-how we have gained in forage production over several decades of producing hay/silage making implements, we can pass on to you. We can advise you on how to produce high quality animal feed. We can assist you in optimum machine handling in order to preserve the quality of your forage.

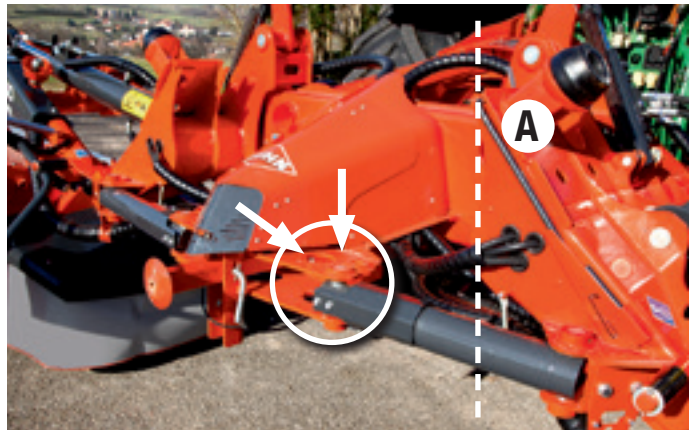
* Source: Agricultural chamber Weser-Ems, Germany.





Ground following: precise, simple adjustment

In-cab control of accumulators enables you to adapt ground pressure to mowing conditions with high precision. When the cutter bar glides across the ground it is subjected to rearward stress. With this system, when stress increases, mower-unit ground pressure is reduced. On wet land, low pressure prevents clogging and forage contamination. Grass stubble is preserved. Skid wear and fuel consumption are reduced. Pressure can be increased in dry conditions for better contact with grass stubble.



Non-stop mowing

The LIFT-CONTROL system ensures that ground pressure is practically constant. The mowing unit can swivel 25° to the rear and pass over obstacles it comes into contact with. The unit then returns to its initial working position automatically and NON-STOP. It is no longer necessary to reset the system or reverse to continue mowing.

An impeccable cut

Additional benefits:

- Highly effective against inner-disc impacts. The pivot point of the arm has been distanced as far as possible from the first discs (A),
- Independent suspension on each mowing unit prevents one mowing unit from being forced forward while the other one clears an obstacle.
- The force necessary to trigger the break-away system can be adjusted to suit your working conditions.

THE CUTTING EDGE CUT

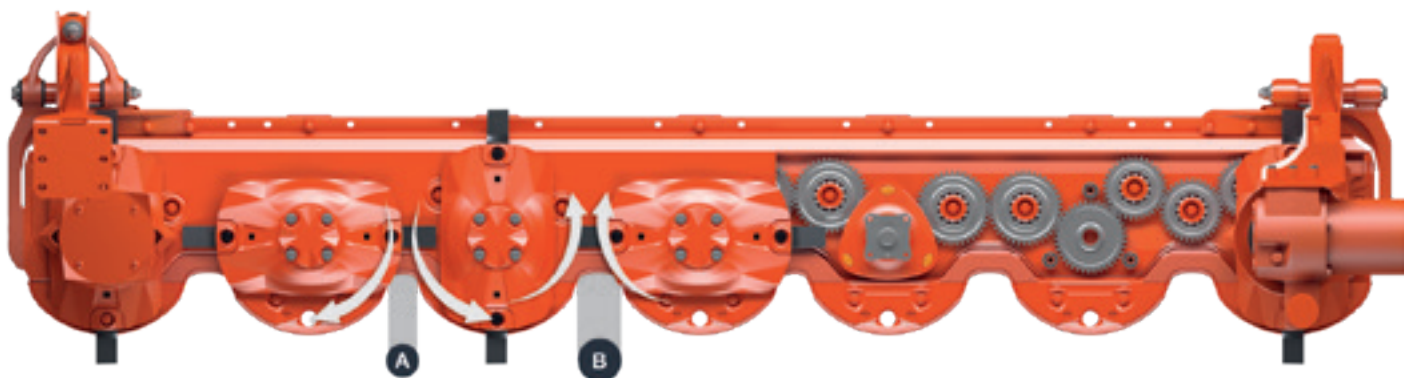
The OPTIDISC ELITE cutter bar was developed in partnership with the people who use it; farmers. It combines cutting quality, reliability and operating comfort.

It meets and surpasses the requirements of large farms and contractors:

- Lubricated for life,
- Perfectly compatible with high-powered tractors;

IMPECCABLE QUALITY OF CUT

The profits that come from livestock farming are dependent on feed reserves stored in silos, bales or bulk. The aim is simple: to produce as much meat or milk as possible from the basic feed ration by optimising palatability. In order to do so, plant stubble has to be preserved and forage contamination from impurities kept to a minimum. KUHN has perfected the technical features of the mowers so that you get the best from your forage and increase your profits.



Minimum distance: a clean cut

The distance is reduced at the point where the discs diverge (A), to increase knife overlap. This results in a clean cut even when the grass is short or light.

Maximum distance: easier crop flow

The distance is increased at the point where the discs converge (B), to provide more space for the crop to pass through. Cut crop is carried away quickly without hindering the work of the mower.



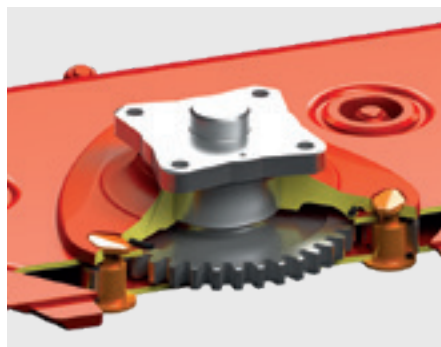
Glide across grass stubble

In wet and sticky conditions earth can build up in front of the cutter bar; except with OPTIDISC ELITE! It comes with special skids that slide across the ground and preserve grass stubble. Yet another advantage for forage quality and a uniform cut, especially in difficult conditions.

TOP-OF-THE-RANGE COMPONENTS REINFORCE THE MOST PRECIOUS PARTS OF THE CUTTER BAR

Top-of-the-range components reinforce the most precious parts of the cutter bar:

- Special disc-bearing station with a double row of angular contact ball bearings,
- Large-diameter gear wheels in high-precision forged steel with 3 cogs engaged,
- Discs with forged cups and treated across the surface area,
- Disc skids in treated steel with the option of adding a protective layer (screw on),
- PROTECTADRIVE safety.



PROTECTADRIVE: protection and cost reduction

In the event of a violent impact between a disc and an obstacle, the shaft holding the disc can shear just above the bearing groove. The toothed wheels are protected. In less than 15 minutes, the machine is operational again and at a very low repair cost.

EXCLUSIVE

Extra rigidity where it counts!

Disc-bearing stations are attached by long bolts that pass through the entire cutter bar. This eliminates any risk of the bearings being torn out of the cutter bar in case of impact. The disc-drive pinion is held in place with this highly reliable system that reduces repair costs.

EXCLUSIVE

Longer machine service life

Shock absorbers are integrated in the connection between cutter bar and chassis. The structure of the machine is less affected by impacts, especially when working at fast ground speeds.



FAST FIT: Fully secured fastening

Mowers are equipped, as standard, with the FAST-FIT quick release knife system. A powerful leaf spring provides constant pressure to the knife retainer for extra safety. It takes just a few moments to replace knives.



Knives free to rotate

For higher cutting quality and a longer service life, the knives rotate freely 360°.

CUTTING AND CONDITIONING: DOUBLE QUALITY

DIGIDRY STEEL PIVOTING FINGERS MADE FOR DIFFICULT CONDITIONS

The steel fingers are very efficient in heavy, long or mature forage but also in short forage. The conditioner's intake capacity smooths the forage flow through the machine components. The power absorbed is limited thanks to this reduced time spent in the machine components and the absence of recycling. The position of the fingers swells the forage and ejects it high before it falls back into a swath. The swaths are well formed and ventilated. The forage, which is dried quickly, will only be richer in energy and nutrients. At low conditioner speed, the steel fingers can also work in alfalfa.



Rotor speed: your choice and your comfort!

The conditioner is easily adjusted to adapt to forage type with a two-speed central lever. Reduce speed for delicate crops and lower fuel consumption; on late jobs with less forage for example (755 min^{-1}). Increase speed for dense forage ($1,000 \text{ min}^{-1}$).

THE KUHN ADVANTAGE

Built-in rotor protection

The rotor conditioner's drive shaft is protected by a shear bolt. The machine and drive system are protected should a foreign body pass through.

SQUAREFLEX ROLLERS IN POLYURETHANE: FOR DELICATE FORAGE

Integrating legumes in the feed reduces the need to buy concentrates, but only if the leaves remain with the cut crop.

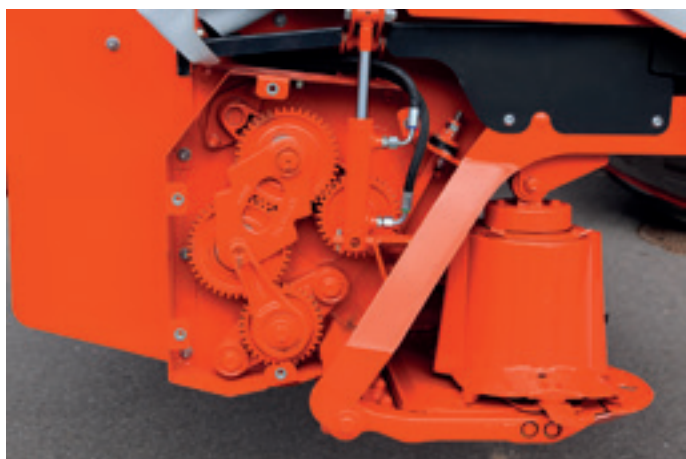
Tests carried out by Arvalis (French agronomic institute), the Chamber of Agriculture and the FD machinery cooperative, in 2016, highlighted the advantages of using rollers:

- 100 euros / ha / cut of savings
- over 80% of DM by the second evening rather than the third evening with other methods.

Definitely worth thinking about the purchase of a conditioner with rollers!

Specific roller treads in polyurethane grip the crop with a regular movement.

A large-roller diameter creates effective forage evacuation to the rear and prevents forage wrapping.



Perfect synchronisation

The lower roller is driven by two gearboxes and a maintenance-free transmission. The upper roller is driven by a specific gear train. Synchronisation is perfect and maintenance time is reduced!

Easy adjustment

Pressure can be adjusted between the rollers via an easily accessible adjustment screw. The distance between the rollers increases to let foreign bodies through.

HIGH-PERFORMANCE OBJECTIVE

Front mowers and mower conditioners with exceptional features:

- Hydro-pneumatic LIFT-CONTROL suspension in the mowing unit for perfect ground adaptation.
- Maintenance-free OPTIDISC ELITE cutter bar for an optimum cut.
- PROTECTADRIVE safety against obstacles.
- FAST-FIT quick-release knife system.
- Easy adjustments for user comfort.
- The choice between a conditioner with pivoting steel fingers and a roller conditioner.
- Strong, reliable cat. 2 attachment (no A frame) which provides high clearance for the PTO shaft.



EXCLUSIVE

A FUNCTIONAL DESIGN

The headstock is not only attractive it is functional too. The compact frame improves visibility for mowing as well as road travel. The coupling frame integrates a suspension unit which ensures exceptional ground adaptation.

Dynamic support arms

The highly specific kinematics of these machines include two strong lower connecting rods mounted on extra-large ball joints. The connecting rods are attached to the tractor in a lower position than at the front. This creates dynamic stress during operations which produces a lift-effect on the mower unit and makes a considerable difference to ground-contour following in hilly areas.



Great terrain followers

Our front mowing units are flexible enough to smoothly adapt to any changes in terrain. They are often subject to extreme stress which is why they feature pendulum-type articulation and have multi-directional mobility. They can oscillate from left to right at an angle of up to 30° and have vertical offset of nearly 70 cm

Quick and easy settings

Ground pressure is easily adjusted with the hydraulic suspension. An integrated cylinder lifts the mower units at headlands so no strain is put on the tractor's front hydraulics. FC front mower conditioners are equipped with a lever to select conditioning speed (755 or 1,000 min⁻¹).



Narrow swath, impeccable forage

GMD front mowers include a swath drum on either side to prevent the wheels of the tractor from crushing the forage. The swath drums gather the crop together to reduce the width of the swath to between 1.00 and 1.20 m. The conditioner helps reduce the swath width to 1.20 m if required, on FC models.

Wide and modular overlap

For a clean cut on slopes and bends, the overlap between the front and rear units can be adjusted hydraulically between 30 and 70 cm (depending on the model combination) - even while driving. This is a real benefit for tractors with wide tracks or large wheels.

FLEXPROTECT: flexible protection

Gone are the days of damaged side covers after hitting an obstacle! Polyethylene side covers bend without breaking or damaging the mower, and then they return to their initial shape.

GMD 3123 F

AT EASE ON ALL YOUR FIELDS

The GMD 3123 F front mower is ideal for farms looking for a lighter machine adapted to tractors from 80 hp. Its compact design and lighter weight enable it to operate in hilly areas as well as flat. The mower unit follows ground contours effectively thanks to its +/- 12° pendulum-type articulation. Two swathing wheels come as standard to produce an average swath width of between 1.2 and 1.4 m.



A light and compact mower

The GMD 3123 F is the perfect machine for medium-sized tractors. Its lighter weight and reduced overhang put less pressure on the front axle, and this contributes to great ground hugging. Two suspension springs linked to the tractor limit ground pressure and preserve the sward.



Benefit from great mowing quality

The machine is equipped with the OPTIDISC ELITE cutter bar known for its robustness and perfect mowing in all conditions. Special disc rotation optimizes cutting quality, transfer to the center of the machine, and swath formation.



Stability in all situations

Flexibility at work to ensure ground contour following, stability in raised position during headland turns or for transport: these are qualities expected by the operator.

They are provided by a powerful leaf spring integrated between the hitch frame, the pendulum-type articulation and the frame structure of the mowing unit.



EASE OF USE DOWN TO THE DISCS

Working quality and a compact design are the features that characterise GMD 2811, 3111 and 3511 mowers. These models can work anywhere in any conditions. The ground contouring capacities of the LIFT-CONTROL system and the mower unit's pendulum-type articulation will meet the most demanding requirements by effectively preventing forage contamination.



Easy user-friendly attachment

When attaching the mower to the tractor, there is no need to change the length of the tractor's linkage arms to balance the mower's weight. When unfolding the machine to working position, cut height is automatically set to 45/50 mm (1.77/1.95), no intervention needed.



Adaptable to large-tyre tractors

With an offset of 19 cm (7.48"), GMD 1011 models can easily be adapted to large tyre widths. This optimises overlap when combined with a front mower.



Simple safe transport

The lengthways transport position of the GMD 1011 LIFT-CONTROL mowers provides great visibility to the back. The mowing unit is also parked in this position making it easy to back into a narrow barn. Wide parking stands provide stability when the mower is in storage.



Control with confidence

The mowing head is easily and precisely controlled with minimised hydraulic requirements to reduce reaction times. A single hydraulic valve is all that you require to raise and lower it. A minimum lift clearance of 40 cm (15.75") easily clears obstructions and previously cut crop.

Central articulation: perfect balance

On the LIFT-CONTROL range, the mowing head is suspended at its centre of gravity. Thanks to this central pendulum articulation, the unit runs smoothly and is stable, even on very uneven fields.

It provides excellent ground contouring even at high ground speed, thus protecting grass stubble and minimising impurities in the forage. The large pivot angle provides a high quality cut in diverse conditions.



GMD 2811 | 3111 | 3511 | 3511 RS

MODERN, PRACTICAL, RELIABLE.



Practicality is a priority

When choosing equipment, design matters to you only if it provides added value. You will undoubtedly appreciate the new chassis of the GMD 1011 LIFT-CONTROL models because it elegantly integrates the knife storage box.



Proven KUHN reliability

The structure of the chassis, beams and articulations are worthy of a KUHN construction: strength and longevity are ensured.



Reduced maintenance

With a 100-hour maintenance schedule, greasing the secondary PTO shaft is no longer a daily activity.



GMD 3511 RS: clean forage

The GMD 3511 RS mower is specially designed for delicate forage as well as grassland regions with predominantly wet conditions or marshy soils. Swath width can be reduced to approx. 1.40 m (4'3") to prevent the cut crop from being run over by the tractor wheels. This way it is neither crushed nor contaminated by soil.



GMD 4011 | 4411

MAXIMUM PRODUCTIVITY IN A MOUNTED MOWER

GMD 4011 and 4411 models open the way to performance levels previously not thought possible, reaching mowing rates of up to 5 hectares (12 acres) an hour.

For even higher output, just add a GMD 3123 F, GMD 3125 F or GMD 3525 F front mower with working widths of 3.1 m and 3.5 m respectively to bring the total working width to 7.6 m.

An additional 19 cm offset is possible on GMD 4011 and GMD 4411 models.

This provides the ideal overlap between the front and rear mower. The level of productivity obtained almost matches certain triple combinations, but at a considerably lower cost!





Controlled and easy manoeuvres

The cutter bar lowers and raises with ease and precision. The two mowers offer a 40 cm travel range which is operated by actuating one single-acting control valve from the tractor. No need to lift the tractor's 3-point hitch to benefit from sufficient ground clearance on the headland.



Suspension for transport and at work

KUHN has equipped its GMD 4011 and GMD 4411 mowers with hydro-pneumatic suspension that makes driving smoother and more comfortable. It cushions the bumpiness from uneven roads, improving driving stability and control. This function is also useful during U-turns.



Two swaths for clean forage

An optional swath divider on the GMD 4411 model makes it possible to deliver cut forage in two swaths. Tractor wheels roll between the swaths easily without damaging or contaminating the cut crop.

SIMPLE AND EFFICIENT

GMD 3515 and 4015, complementary models to KUHN's wide range of disc mowers, work at widths of 3.5 and 3.95 m respectively. They can be combined with a front mower to increase work output for farms with a high proportion of forage production. The 125° vertical-folding feature puts the centre of gravity behind the tractor in transport mode and ensures a compact unit for a front/rear mowing combination.



125° Vertical folding

The beyond-vertical position provides more stability in transport mode. Driving comfort is improved due to the centre-of-gravity/tractor relation. In addition, the folding system makes the tool more compact and reduces rear overhang. This provides safety on the road, especially when the machine is combined with a front mower. To save space, the machine can also be stored in this position using the additional parking stands.



Ground following

The mowing unit has a hydraulic lift-control system which reduces the weight of the cutter bar on the ground. Depending on how humid the plot is, the sward is protected. The exclusive LIFT-CONTROL system combines hydraulic lift with NON-STOP safety. If an obstacle is in the way, the mowing unit shifts rearwards causing it to lift and pass over the obstacle before automatically returning to its initial position.



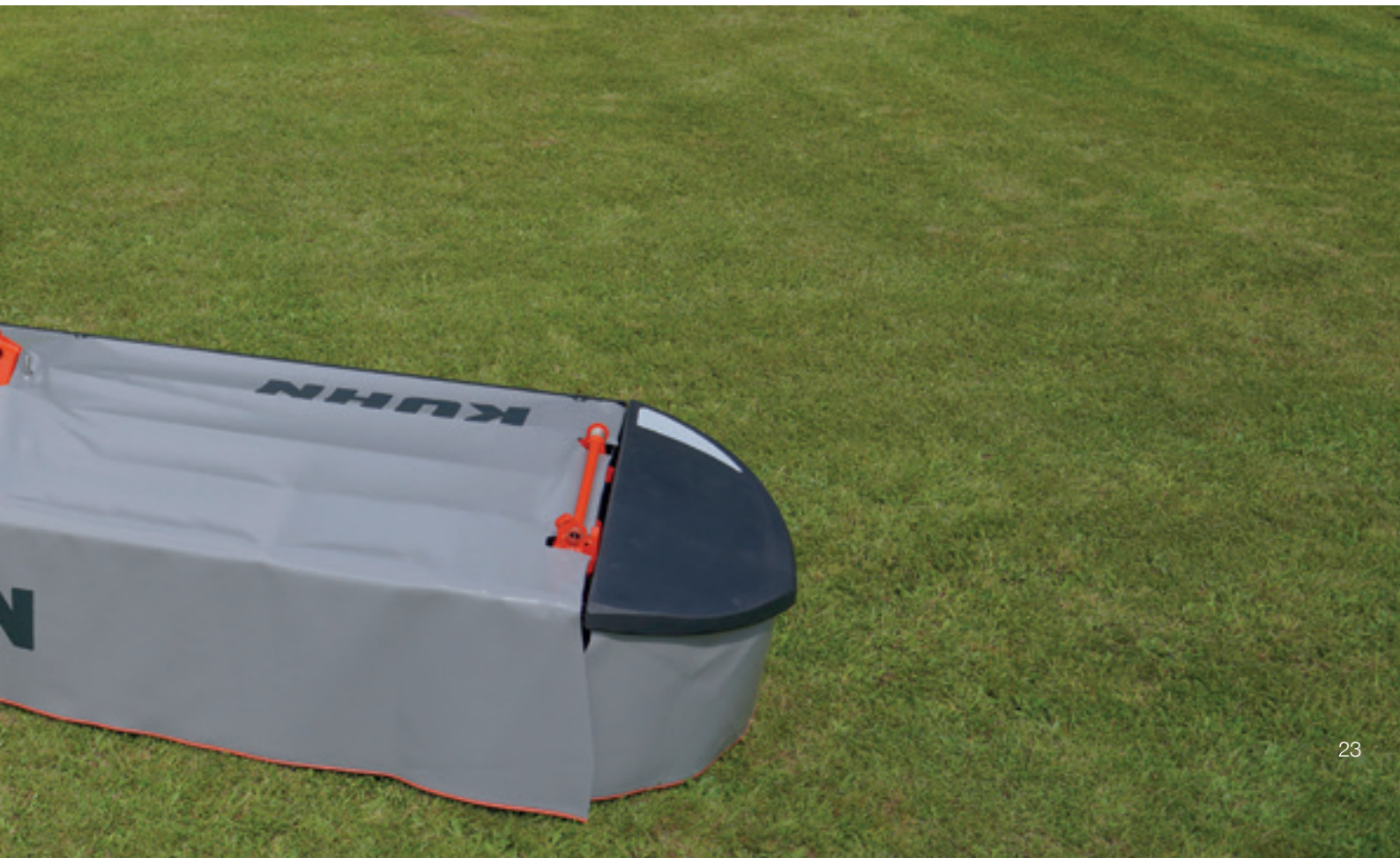


Forage quality

The mowing unit is attached to the frame at its centre. This creates a pendulum effect for efficient ground following on hilly terrain. The mowing unit is raised hydraulically at headlands by simply actuating a valve. This provides high clearance in headland-turn mode (350 mm minimum at the first disc).

First and foremost a mower

Equipped with the newly perfected OPTIDISC ELITE cutter bar, these mowers guarantee a clean and regular cut in any conditions. The OPTIDISC ELITE cutter bar comes with exclusive features: silentbloc mounts, PROTECTADRIVE safety on the disc drive bearing stations, practical FAST-FIT knives, and to avoid downtime: no oil changes!





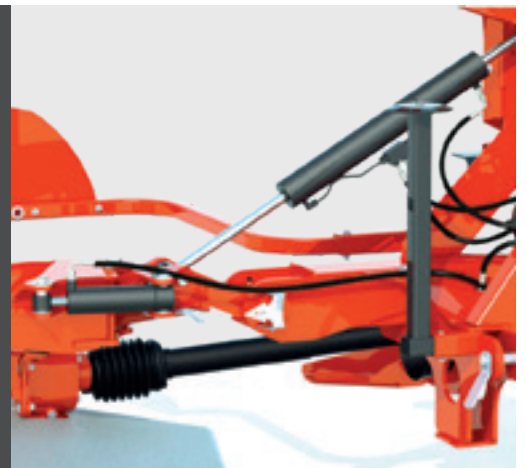
GMD 8730

GREAT OUTPUT WITH MINIMUM ENERGY CONSUMPTION!

High output accessible to all, with minimal power requirement: the great benefits of this triple combination. Weighing less than 1,900 kg, it can be used with tractors from 120 hp, depending on conditions. Being equipped with LIFT-CONTROL hydro-pneumatic suspension and the OPTIDISC ELITE maintenance-free cutter bar, the GMD 8730 features convincing solutions for increased comfort and time savings.

LIFT-CONTROL : savings all round

It takes just a few seconds to adjust the weight-reducing pressure! The folding cylinders include an extra chamber connected to nitrogen balls making it easy to adjust the pressure to harvesting conditions. The Non-Stop hydraulic safety provides flexible individual protection and reactivates the two mowing units after having passed the obstacle. When mowing on slopes, the LIFT-CONTROL system significantly reduces fuel consumption and increases work output.





Individual lift as standard

When working, you only have to operate one valve to lift the front-mounted mowing unit and one of the rear units. The possibility of lifting both rear mowing units individually is a big advantage on wedge-shaped fields and allows quick and easy manoeuvres. The concerned unit is put into transport position by operating a double acting valve.

Mowing units to suit your needs

Three positions (1, 2, 3) are available for mounting the mowing units on the arms: Depending on working conditions, you can prioritise total cutting width or opt for more overlap between the front and rear mounted units.

Space-saving storage mode

The GMD 8730 triple gang mower is extremely compact when folded for storage. It can be parked vertically without any additional equipment and fits into almost any shed. The FLEXPROTECT side guards automatically fold for transport and storage.

A LARGE-WIDTH DREAM

The extra energy harvested and minimum forage contamination by impurities makes all the difference.

Our machines offer outstanding features with the following innovations:

- perfect ground adaptation of the mowing unit with hydro-pneumatic LIFT-CONTROL suspension, a special frame design, and central pendulum-type articulation,
- maintenance-free OPTIDISC ELITE cutter bar for an optimum cut,
- FAST-FIT quick-release knife system,
- effective PROTECTADRIVE safety system to protect against obstacles,
- a large and adjustable overlap between the front and rear units,
- practical and easy settings.



Stay relaxed in the cab

The KFA11 control box makes machine adjustments and control so much easier.

The cab-controlled functions include:

- folding/unfolding.
- Individual lift of mower units.
- Mower unit ground pressure by LIFT-CONTROL hydro-pneumatic suspension.



Individual and hydraulic unit lift

The possibility of lifting both rear mowing units individually via hydraulic cylinders is a big advantage on wedge-shaped fields and allows quick and easy manoeuvres. This can be done directly from the cab via the KFA11. At the same time the system ensures reduced ground pressure: beneficial to plant cover, cutter bar wear and power input.



Easier on the road

Transporting a butterfly combination in upward folded position places it closer to the tractor.

This has clear advantages:

- Compact dimensions on the road.
- Centre of gravity close to the tractor.
- Reduced load on the rear tractor axle.

The outer guards are automatically folded to reduce transport height.



Practical storage position

Two parking stands come as standard with the machine.

They make it possible to park the machine in folded position to greatly save on storage space.

THE COMBINATION THAT MAKES A DIFFERENCE!

KUHN has combined, for the first time in one machine, conditioner, LIFT-CONTROL suspension, and vertical folding, to create the new FC 3115 and FC 3515 mounted mower conditioners! These additional models to KUHN's range of mower conditioners have working widths of 3.10 m and 3.50 m. They are designed for forage farms and contractors, and can be used with a front mower to increase work output.



They boast all the features that have made KUHN's success:

- Mower unit with LIFT-CONTROL hydro-pneumatic suspension and NON-STOP safety for excellent ground contouring
- Impressive cutting quality by the OPTIDISC ELITE maintenance-free cutter bar
- PROTECTADRIVE safety system to manage obstacle-impact
- FAST-FIT knife attachment system
- Operating comfort with simple settings
- The choice between a conditioning system with pivoting steel fingers or roller.





Optimized linkage system for your tractor

No need to change the length of your tractor's hitch arms. Linkage is extremely secure with coupling yokes. Your mower unit is even more stable at work and on the road. It is possible to optimise the position of the mower unit to the tractor or front implement overlap with the 15 cm-offset feature.



More compact and stable both at work and on roads

The mower conditioner folds 126° making it highly compact for transport. Optimum machine-tractor weight balance provides excellent stability on the road and when travelling between plots.



Jobs on sloping plots or with medium-sized tractors?

An optional support system and counterweight relieve stress on the hitch arms.



**MAINTENANCE
COST SAVINGS**

The OPTIDISC ELITE cutter bar is maintenance-free. If you go for a finger conditioner, the main gearbox and drive will only need an oil change every 500 hours or once a year.



MOWING, CONDITIONING AND... WINDROWING!

FC 9330 RA and FC 9830 RA swath grouping mower conditioners are the answer to the expectations of customers looking for a machine that combines working quality and very high work output, while maintaining high reliability and extreme user comfort.

They are designed for contractors and large farms, and will satisfy the most demanding users. With a reasonable weight, compact, ISOBUS compatible, and versatile, they will be appreciated by drivers facing long days of mowing.



When high work output goes hand in hand with compactness

The design of the machine, with its aluminium conveyor structures and mower units positioned as close as possible to the tractor, limits load transfer to the rear axle. The reasonable weight and optimized position of the centre of gravity ensure tractor stability for safe transport. The legislation concerning maximum axle loads is observed. The weight of the mower is also an advantage at work: lower power requirement and less soil compaction. In addition, the hydro-pneumatic suspension makes ground following easier, thus preserving the sward.





High-precision windrow formation management, for an impeccable result

With high-end standard equipment, KUHN offers the opportunity to make the most of the machine's potential. Thanks to its swath management technology and hydraulic sliding belts controlled from an ISOBUS terminal, FC 9330 RA mowers form swaths of 1.80 to 3.60 m, and FC 9830 RA mowers produce swaths of 2.20 to 4.00 m. The swaths are easy to pick up in any situation. In addition, the integrated inclinometer (standard) makes it possible to adapt the speed of the conveyor belts in order to obtain a swath that is always centered and symmetrical.



Deliver swaths as you like

These mowers are highly adaptable. Working in central swath mode or even with a raised conveyor belt, and controlled from the cab via the ISOBUS terminal. With a raised belt, the forage can be delivered in two passes, with an 18.00 m cut over 12.00 m, to facilitate the job of a 4-rotor rake.



THE KUHN ADVANTAGE

High-performance and easily-adjustable conditioning

The new metal finger conditioner contributes to the lighter weight of the machine. Together with its standard recycling plate, it prevents any forage loss and ensures quality conditioning. The two-speed gearbox (by lever) offers the possibility of operating the conditioner at a slower speed to preserve the most delicate forage.



The new LIFT-CONTROL design for exemplary ground following

Ground following is exemplary thanks to the newly designed hydro-pneumatic lift-control system, which is fully adjustable from the cab. The exclusive release system protects the cutter bar against obstacles. It moves upwards (30cm) and rearwards (17 °) while pivoting the front of the cutter bar upwards to protect the cutting components.



A high-performance hydraulic system as standard

The mower has an independent hydraulic circuit for driving the belts. The risk of the tractor's oil circuit overheating is eliminated and the responsiveness of other tractor-specific hydraulic functions is improved. The mowing unit functions are controlled via the connection to the load sensing circuit. Maintenance is thus simplified: coupling the machine requires few connections.



Easy access to the rear of the tractor

The front guards automatically retract into the folded position for easy and secure access to the rear of the tractor! They can also be retracted when the machine is unfolded for improved access. The mower can be stored in an upright position.



KUHN ISOBUS SOLUTIONS: ENJOY ISOBUS COMPATIBILITY ON FC 9330 RA AND FC 9830 RA MOWERS

FC 9330 RA and FC 9830 RA mower conditioners with swath groupers can be controlled with AEF-certified ISOBUS terminals on the market.

Control everything with ISOBUS

The electronic components are vital in making the FC 9830 RA mower conditioner efficient and easy to use.

User-friendly interface:

The work screen is intuitive and easy to use allowing operators to adjust settings quickly and monitor machine performance.

Controlling the mowing units:

The mowing units can be controlled from the terminal: lifted and lowered simultaneously or separately. By simply pressing the GO-END button, the operator can perform headland sequences where the front mower and rear units are raised and lowered in a pre-defined and easily adjusted sequence.

Controlling the conveyors:

Conveyor speed, offset, and lift and lowering are controlled with the terminal or an AUX-N joystick. It's also possible to perform left/right mowing with one belt in grouping position and the other in wide-delivery position to group 18 m of forage. This makes the swath easy to pick up with a 4-rotor rake.

Mower-unit lift-control:

lift-control can be adjusted from the cab directly to suit operating conditions and working speed. This reduces energy consumption and wear.

AUX-N function:

Thanks to the AEF AUX-N certification, it is possible to use auxiliary controls, such as the CCI A3 joystick. This enables the operator to view all the machine's control functions directly on the touchscreen, and to select the right function at the right time.

Folding/unfolding:

A single operation on the ISOBUS terminal or joystick activates the mower conditioner's automatic folding or unfolding sequence. The driver can work in total safety and save time when setting the machine to transport position.

Area counters:

The driver can monitor the area covered, precisely, making the job easier to manage.

Additional functions make it even more practical:

Section Control: As well as **displaying the areas already mowed**, the integrated TC-SC function automatically controls mowing-unit and front-mower lift and lowering, via GPS. This eliminates overlapping and increases operating comfort.



VTI 60 ISOBUS TERMINAL

The AEF-certified VTI 60 ISOBUS terminal allows easy control of your machines. The colour touchscreen makes it easier to enter parameters and access the different menu pages. As it is ISOBUS, it is directly connected to the in-cab tractor ISOBUS 9-pin socket. Should the latter not be available, a battery wiring harness can be used.



VTI 60: The easy ISOBUS terminal

The 5.7"/12.7cm screen displays the main machine as well as the main information. In addition to the softkeys, there are 12 backlit hardkeys for increased ease of use.

ISOBUS CCI 800 AND CCI 1200 terminals

ISOBUS CCI 800 and 1200 terminals are certified by the AEF. They have three priorities: performance, visibility, and flexibility. Intuitively control your machines thanks to the large anti-glare touchscreen which can simultaneously display different essential information, as well as connecting a joystick control and a camera.



CCI 800: The compact ISOBUS terminal

The 8"/20.3cm screen displays the main machine and mini-views on the side. Click on the mini-view to display it larger.



CCI 1200: innovative, panoramic, high performance

With the 12.1"/30.5cm screen, all essential information is displayed. Different display formats are possible: mini-view / maxi-view / double UT.

Everything at your fingertips CCI A3

Combine your CCI or VTI 60 terminal with the new CCI A3 ISOBUS joystick and control all the main mower functions at your fingertips. Start the headland turn sequence with ease using your CCI A3!



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Optimise your machine settings

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Get exclusive financing offers on KUHN parts and machines.



Stay in touch

Locate and save your favorite dealers so you can get in touch whenever you want.



Technical specifications

	3123 F	3125 F	3525 F	2811	3111	
Working width per cutting unit (m)	3.10		3.50	2.67	3.10	
Possible working widths of combinations (m)	-			5.55*	5.98*	
Overlap of front/rear units (cm)	29 - 44 - 55 (GMD 8730) 30 - 50 (GMD 9530)		50 - 70 (GMD 9530) / 30 - 50 (GMD 10030)			
Swath width (m)**	1.30 - 1.40	1.00 - 1.20		1.70	2.30	
Swath formation	2 swath wheels	2 driven drums		2 swath wheels	1 outer swath wheel	
Attachment	3-point - Cat. 2					
PTO speed (min ⁻¹)	1,000			540	540 or 1,000	
Primary PTO shaft	1 3/8" - 6 splines with friction clutch	1 3/8" - 6 or 21 splines		1 3/8" - 6 splines		
Free wheel	Integrated in the side					
Cutter bar						
Number of discs with safety skids made of hardened steel	7		8	6	7	
Drive protection						
Suspension	By springs					
Ground adaptation	Pendulum-type articulation	Swivel rods with upward shift				
Transport width (m)	3.00	2.99	3.48	1.70		
Transport height (m)	-					
Side guards	FLEXPROTECT soft side guards					
Machine storage	Flat					
Lighting and signalling						
Minimum PTO power (kW/hp)	32/43		36/49	27/37	32/43	
Necessary tractor hydraulic equipment	-	1 SA				
Necessary tractor electric equipment	1 7-pin					
Weight approx. (kg)	745	1 105	1 180	845	900	

◆ Standard ◊ Optional - Not available With linkage in minimum overlap position. Add 20 cm if 3.50 m front mower. **Depending on crop.



KUHN PARTS



Designed and manufactured to rival time. KUHN foundries and forge as well as a high-level manufacturing process allow the production of spare parts to defy time. You can truly rely on our know-how and our genuine parts. Farmers benefit from our client support and logistics services via any KUHN PARTS warehouse, which provide quick and reliable repair solutions in cooperation with your nearest authorized KUHN dealer.

3511	3511 RS	4011	4411	3515	4015	8730	9530	10030
3.51		3.95	4.35	3.50	3.95	-		
6.38*		6.83*	7.23*	6.83*	6.65*	8.80 - 8.50 - 8.30	9.53 - 9.13	9.93 - 9.53
22 - 41 depending on hitch and with front unit of 3.10 m 45 - 64 depending on hitch and with front unit of 3.50 m						29 - 44 - 55 (with front unit of 3.10 m)	30 - 50 (GMD 3125 F) / 50 - 70 (GMD 3525 F)	30 - 50 (GMD 3525 F)
2.80	1.30	3.30	3.70	2.80	3.30	2 x 2.40	2 x 2.80	
	2 swath wheels	1 outer swath wheel				1 outer swath wheel on each side		
		3-point - Cat. 3		3-point - Cat. 3N with 2 positions		3-point - Cat. 2	3-point - Cat. 3 or 4N (compatible Quick Hitch cat. 3/4N)	
	1,000							
gearbox						Integrated in the side gearboxes		
OPTIDISC ELITE								
8		9	10	8	9	2 x 7	2 x 8	
PROTECTADRIVE system								
Hydro-pneumatic suspension LIFT-CONTROL								
Pendulum-type articulation								
	1.75	2.00		2.60	2.85	2.99	2.95	3.35
				3.65	3.95	3.65 - 3.75 - 3.90 depending on chosen overlap	3.92	
Side protection tube				FLEXPROTECT soft side guards				
				Flat or folded vertically				
◆								
36/49		41/55	45/61	36/49	41/55	90/122	99/135	104/141
1 SA + 1 DA				1 SA with floating position + 1 DA		1 SA + 1 DA	2 DA	
socket						1 7-pin socket and 1 ISO 3-pin socket		
950	980	1 085	1 120	1 100	1 150	1 910	2 300	2 350

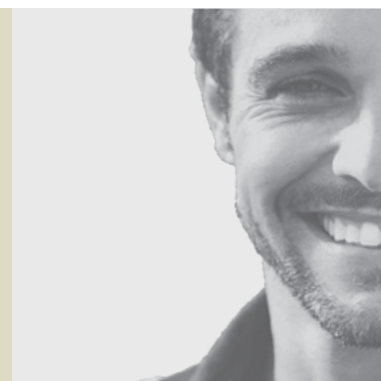
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Technical specifications

	3125 DF	3525 DF	3125 RF	3525 RF	3115 D	3115 R	
Working width per mowing unit (m)	3.10	3.50	3.10	3.50	3.10		
Working widths of combinations (m)	-				5.96* (FC 3125)		
Overlap of front/rear units (cm)	30-50 (FC 8830/9530)	50-70 (FC 8830/9530) / 30-50 (FC 10030)	30-50 (FC 8830/9530)	50-70 (FC 8830/9530) / 30-50 (FC 10030)			26-41 46-61
Swath width (m)**	1.20 - 2.00		1.40 - 2.00		1.45 - 2.10		
Attachment	3-point - Cat. 2				3-point-		
PTO speed (min ⁻¹)							
Primary PTO shaft							
Free wheel							
Cutter bar							
Number of discs with safety skids made of hardened steel	7	8	7	8	7		
Drive protection							
Suspension							
Ground adaptation	Swivel rods with upward travel						
Conditioning system	Pivoting steel fingers		2 polyurethane rollers SQUAREFLEX		Pivoting steel fingers	2 polyurethane rollers SQUAREFLEX	
Wide spreading	-						
Transport width (m)	2.99	3.48	2.99	3.48	2.44		
Transport height (m)	-				3.65		
Side guards							
Machine storage	Flat				Flat or vertical with extra		
Lighting and signalling							
Minimum PTO power (kW/hp)	50/68	57/77	50/68	57/77	50/68	62/85	
Necessary tractor hydraulic equipment	1 SA				1 SA		
Weight approx (kg)	1 320	1 390	1 370	1 455	1 520	1 520	

◆ Standard ◇ Optional - Not available

FC mower conditioners

3515 D	3515 R	8830 D	9530 D	10030 D	8830 R	9530 R	10030 R	9330 D RA	9830 D RA	
3.50		-								
6.36* (FC 3125)		8.73 - 8.33	9.53 - 9.13	9.93 - 9.53	8.73 - 8.33	9.53 - 9.13	9.93 - 9.53	9.30	9.70	
(FC 3125) (FC 3525)		30-50 (FC 3125 DF) / 50-70 (FC 3525 DF)		30-50 (FC 3525 DF)	30-50 (FC 3125 RF) / 50-70 (FC 3525 RF)		30-50 (FC 3525 RF)	42 (FC 3125 DF) / 62 (FC 3525 DF)	42 (FC 3525 DF)	
1.85 - 2.40		2 x 1.45 - 2.10	2 x 1.85 - 2.40					1.80 - 3.60	2.20 - 4.00	
Cat. 3N		3-point- Cat. 3 or 4N (compatible Quick Hitch cat. 3/4N)								
1,000										
1 3/8" - 6 or 21 splines with friction clutch										
Integrated in the side gearboxes										
OPTIDISC ELITE										
8	2 x 7	2 x 8		2 x 7	2 x 8					
PROTECTADRIVE system										
Hydro-pneumatic suspension LIFT-CONTROL										
Pendulum-type articulation										
Pivoting steel fingers	2 polyurethane rollers SQUAREFLEX	Pivoting steel fingers			2 polyurethane rollers SQUAREFLEX			Pivoting steel fingers		
◆										
2.74	2.95		3.35	-	2.95	3.35	3.00	3.35		
3.99	3.50	3.90		3.50	3.90		Below 4			
FLEXPROTECT soft side guards										
parking stand		Flat or folded vertically								
◆										
50/68	62/85	140/191	154/210	162/221	140/191	154/210	162/221	154/210		
+ 1 DA		2 DA (+1 DA optional for tractor hydraulic top link)						Connection in load sensing (1x pressure; 1x free return; 1x load sensing)		
1 600	1 600	3 030	3 210	3 260	3 150	3 330	3 380	3 980	4 050	

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KUHNS FARM MACHINERY (U.K.) LTD - Stafford Park 7 - GB TELFORD/ SHROPS TF3 3BQ

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