Gyrotedders

GF 102 - GF 1000 - GF 1002 - GF 1003

Contents

GF

Gyrotedders

SPEED UP THE DRYING PROCESS

HIGH-QUALITY FORAGE DEMANDS A COORDINATED AND OPTIMIZED HARVEST OPERATION, TAKING INTO ACCOUNT CROP, RELIEF, CLIMATE, AREAS TO HARVEST AND STORAGE METHOD. BECAUSE EVERY EXTRA NUTRIENT GIVEN TO ANIMALS IN THEIR BASIC RATION HELPS REDUCE THE REQUIRED CONCENTRATES.

SPEED UP THE DRYING PROCESS
Tedding is a key link in the harvesting chain because it accelerates drying. The aim is simple: preserve the energy value of the forage and limit weather related risks. The small diameter rotors are the key to success here!

RELIABLE MACHINES ARE OF UTMOST IMPORTANCE
KUHN Gyrotredders are not only designed to handle the crop properly but to be reliable as well. The best example for this is the tried and tested DIGIDRIVE rotor drive coupling.

LOOKING FOR VERSATILE AND ADAPTIVE IMPLEMENTS
To optimize your basic ration, the forage harvest implements have to adapt to versatile situations. KUHN Gyrotedders are as adaptive as you need them.

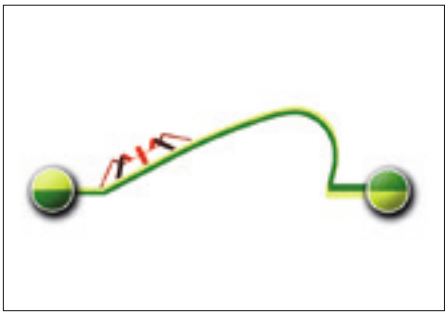
GF 102 | 1000 | 1002 | 1003

HIGHLY EFFICIENT

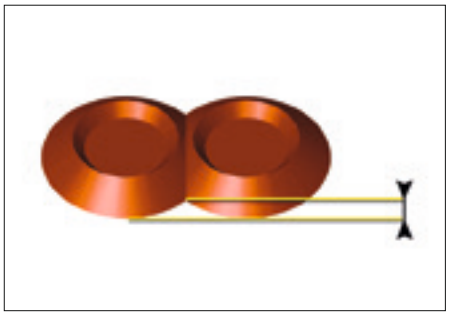
Small rotors are the key to success!

Numerous factors are essential when it comes to producing a first class crop:

- working with a wide angle of attack while collecting all of the crop,
- uniform, fast drying,
- full crop turning over,
- unrivalled uniform distribution,
- exceptional ground adaptation,
- mounted tedders with reduced overhang for reduced lift linkage requirements,
- reduced horsepower requirement.



Forage fully turned over and well aerated thanks to the large pitch angle for improved drying



Improved overlap for thorough forage raking

Theory backs the practice

The table below shows clearly the effect of various pitch angle settings on tedding efficiency.
Conclusion: a large angle considerably reduces drying time.

Pitch angle **Difference in height between rotor front and rear**	**Flat angle** **24 cm / 9”**	**Aggressive angle** **40 cm / 15”**
Distribution precision - good - average - poor	 14 % 46 % 39 %	 29 % 39 % 32 %
Dry matter content - Basic product - after 4 hours	 20.7 % 26.0 %	 20.7 % 28.6 %
Average drying speed Increase in the D.M./hour level 1.33 % 1.98 %	 1.33 %	 1.98 %
Theoretical drying time to obtain 30 % D.M.	**7 hours**	**4.7 hours**

CROP FULLY PICKED UP BY ASYMMETRICAL TINES

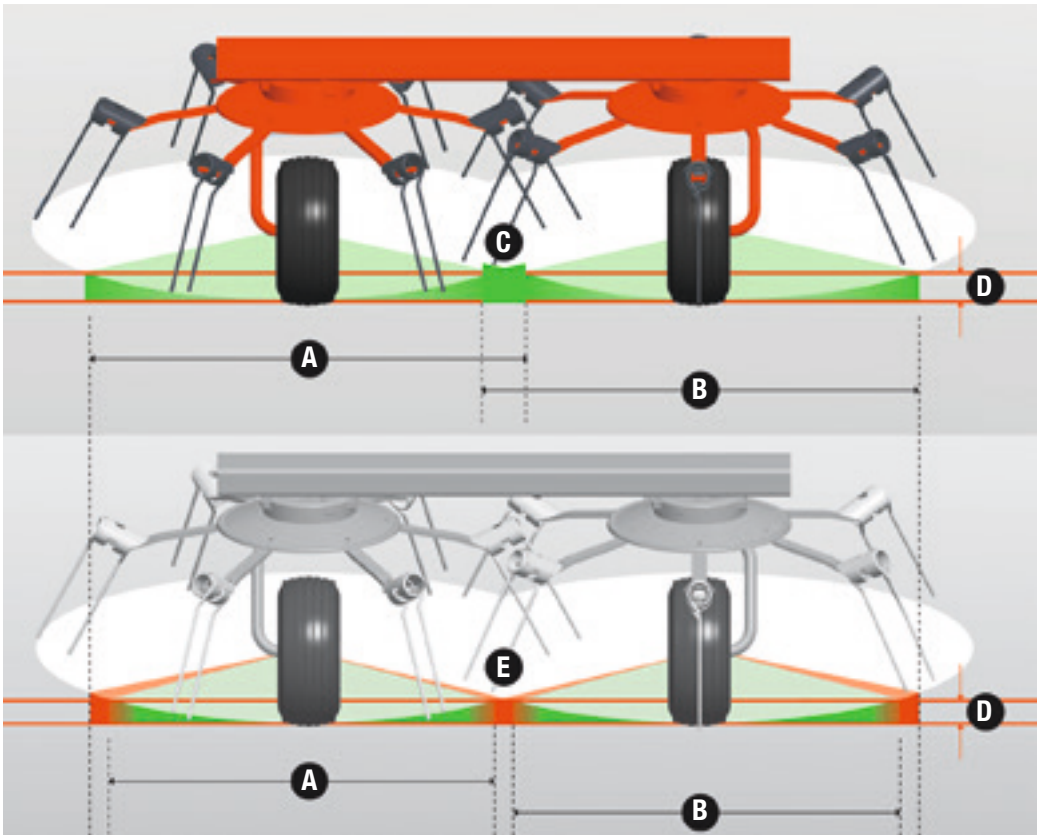
Nothing has been overlooked: top quality raw materials, two prongs of different length to ensure clean pick-up, four coils and specially-designed attachment system to the arms. Metal guards prevent forage from building up around the coils. Several hundred hours of operations before having to replace the tines!

TINES THAT ENGAGE WITH THE FORAGE EARLIER

Asymmetrical tine length produces high quality tedding.

Compared to a symmetrical design, the longer outer finger moves into the forage earlier providing two benefits:
- forage is completely collected, even on field borders,
- tine overlap is improved in the sensitive area between the rotors **(C)(E)**.

Moving into the forage earlier means that the actual working width of each rotor (therefore the machine) is larger.



(A) Working width rotor 1 - **(B)** Working width rotor 2 - **(C)** Overlapping area
(D) Working height (DIN norm) - **(E)** Sensitive area

ROTOR OPTITEDD: DURABILITY & PERFORMANCE

TO DEAL WITH EVEN MORE INTENSIVE CONDITIONS

To meet ever more intensive use, the range of mounted and trailed GF tedders, from 8.70 to 17.20 m working width, is evolving. The GF 8703, 8703 T, 10803, 10803 T, 13003 T, 15003 T and 17003 T tedders incorporate a new rotor that pushes the limits in terms of resistance and service life of the working parts. The design of the rotor, arms and tines provides increased robustness allowing machines to operate in the most extreme conditions (heavy forage, stony ground, etc.). Of course, the technical elements and customer benefits that made the reputation of previous models are retained. With the GF 1003 and GF 1003 T tedders equipped with the new rotors, you have a reliable machine with low maintenance costs.

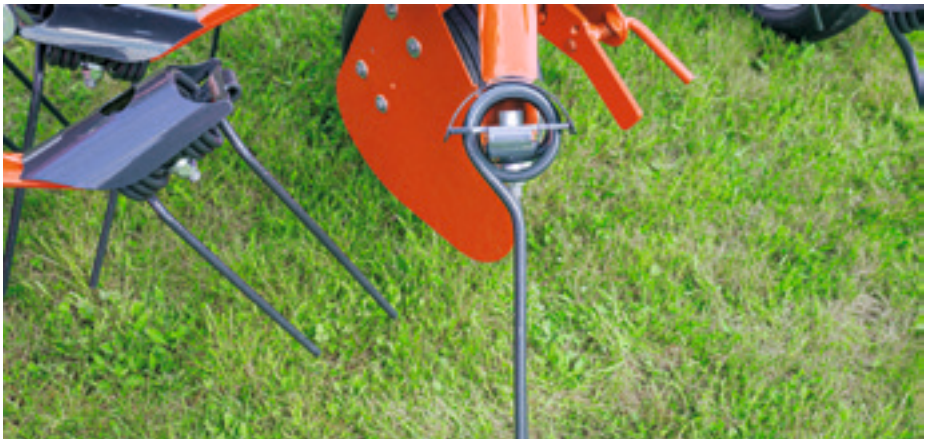
A doubled service life
Robustness and longevity are the keywords of the new rotor fitted on GF tedders of the 1003 and 1003 T series. The increased rigidity of the baseplate greatly reduces vibrations. Likewise, this new concept strengthens the link between the arm and the baseplate.With this new rotor, you ted an area twice as large.

ALWAYS CLEAN WORK.

The tine deflectors, fitted as standard, are changing to improve tedding quality and to eliminate the load on the tine arms. This new part prevents forage from riding up and wrapping around the tine and rotor. The integration of an «anti-loss» function eliminates the risk of losing a tine in the forage and therefore polluting the ration. Attaching the tines is quick and comfortable thanks to improved ergonomics.

HEAVY DUTY TINES TO LIMIT MAINTENANCE COSTS

The tines mounted on this new rotor have a service life that is doubled compared to standard models. A prong diameter of 10 mm and 4 large diameter coils (80 mm!) contribute to a significant reduction in tine fatigue while maintaining the required flexibility.



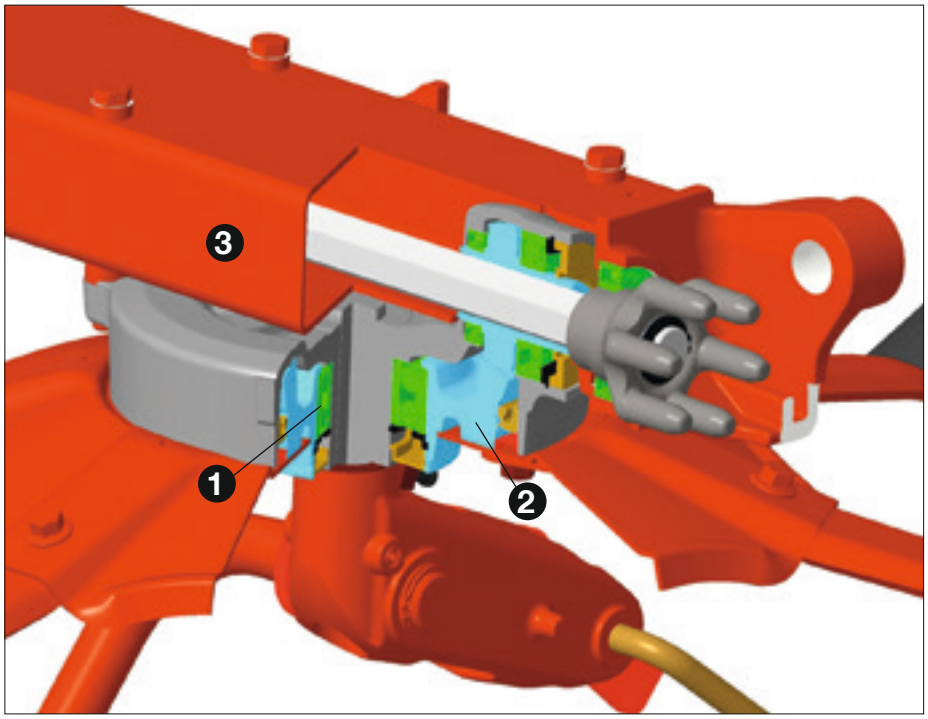
THE DIGIDRIVE COUPLING : LEGENDS ARE EVERLASTING

When a KUHN engineer invented this drive concept, tedding entered a new era. From that moment on, it became possible to drive many rotors with one system, and to fold them into extremely compact positions with no maintenance required. A revolution! Today, there are over a million rotors with the DIGIDRIVE system tedding forage all around the world, on the different types of terrain, with exceptional reliability.

MINIMIZED MAINTENANCE

With DIGIDRIVE-driven rotors and rotor housings lubed for life, the greasing points are limited to a relatively few pivot points allowing you to spend more time in the field and less at the shop;

MADE OF CASE-HARDENED FORGED STEEL!



Rotor housings made to last:

(1) Support by large diameter, double-row angular ball bearings
(2) Thoroughly sealed rotor housing prevents lubricant leakage or introduction of contaminants,
(3) Robust mounting to the rectangular frame with spacers housing long connecting screws.

Forage fully tedded in the field

For neat and tiddy tedding along fences or neighbouring plots, the machines (except GF 8700 / 13003 T /15003 T / 17003 T models) are equipped with an oblique setting device. On slopes, this configuration is particularly useful for controlling the flow trajectory and obtaining optimal spread. Depending on the model (see the technical specifications), the tedders are fitted as standard with a centralized mechanical tilt setting (1002 series) or with the hydraulic tilt setting system by simply operating a valve in the cab (1002 T series). This last function is only available as optional equipment with hydraulic control from the cab for the GF 1003 and 1003 T series. A double-acting cylinder with pilote-operated valves ensures safe operation without untimely misadjustment.

Fast pitch angle adjustment

Long or short forage, wet or dry, different cutting heights: the pitch angle is set without tools.
Never forget: a significant pitch angle leads to quicker drying and higher nutritional value in the forage!

Ground contouring

The rotors ride on large diameter wheels. Wellproportioned tyres that run close to the tines provide excellent tine height control and great ground adaptation. Fewer impurities are incorporated resulting in improved forage quality.

Deflector plates for clean wheels

Operating in young, sugar-rich or long, late-season forage can be tricky if the strands wrap around the wheel columns. This inevitably leads to downtime to solve the problem. Therefore, KUHN tedders starting from the GF 5902 model are fitted as standard with deflector plates (except GF 8700) to tackle this issue.

All terrain adaptation

Placed under the frame or drawbar and therefore near the tines, this additional wheel improves raking quality on hilly and uneven ground.
In case of a change of tractor, the adjustment of the tine height in relation to the ground remains unchanged. The additional wheel can also be used as a spare wheel in an emergency.

EXCLUSIVE

For night windrowing

The DUPLEX reduction gearbox with lever makes it possible to reduce the rotation speed of the rotors by 45% very easily. Handling is fast and you keep your hands clean. Night windrows can thus be formed without any problems.

GF 422 | 502 | 582 | 642

ECONOMICAL AND EFFECTIVE

Cost control is an essential issue on many farms. With the 102 series range, KUHN provides you with tedders which have all the features required for high-quality tedding without too much sophistication

Simplicity and performance
At work, rotors are centred and locked. Fast and safe transport.

Individual oblique positioning
Each wheel can easily be adjusted obliquely and without tools for accurate tedding along edges, without losing or wasting precious forage. No additional cost, the function is fitted as standard.

GF 5202

SIMPLE BUT EFFICIENT

The GF 5202 is a simple, economical 4-rotor machine. It has a working width of 5.20 m and a hydraulic folding system. It is perfect for farmers with a limited annual area to ted. Its large diameter rotors fitted with seven tine arms make this tedder particularly useful for tedding long, dense crops.

Oblique position for borders
The compact dimensions of the GF 5202 tedder make it the preferred model for tedding small plots. Under these conditions, it is often used for tedding along fences or neighbouring crops. With the centralized oblique setting, your machine meets this need perfectly. Mechanical as standard, it is possible to adjust this function hydraulically as an option.

Comfort and safety during transport
The tractor's hydraulic valve is used to fold the external rotors up and move onto the road with a width below 3.00 m / 10'.
With standard equipment including signalling and lighting panels, the GF 5202 tedder is ready for transport in complete safety.

GF 5902 | 6502

COMPACTNESS WITH 6 ROTORS

High-quality output on a compact tool is a priority on these two models: six small-diameter rotors ted the forage gently without incorporating dirt. Forage is distributed evenly so it dries in record time. Low-power tractors are perfectly adapted to driving the implement, even on very irregular ground.

Less than 2.55 m transport width (GF 5902)
Barely wider than the tractor, driving comfort is incomparable and access to the narrowest fields is no problem. The height remains reasonably low.

A tried and tested headstock
Resulting from long experience, this headstock is particularly well suited to this machine size:
- robust construction,
- effective recentering on slopes,
- reduced overhang.

A standard mechanical stabiliser helps absorb shocks and keep the machine in line with the tractor on slopes. In the event of a steep slope, it is possible to fit the machine with a second stabiliser.

No forage loss
100% of forage tedded on your plot with centralised mechanical or hydraulic oblique position setting.

GF 7802

LARGE DIAMETER ROTORS FOR LONG AND DENSE CROPS

Equipped with six rotors with seven tine arms each, the GF 7802 tedder is the ideal tool for spreading three large swaths produced by a 3.00 m / 10’ mower conditioner. The rotors are designed to handle long and dense crops.

No forage loss
GF 7802 at work in oblique position along a border.

Clever folding
Although featuring a wide working width, the GF 7802’s six rotors fold into a space which is compact enough to facilitate road travel and access to narrow fields.

ROCK SOLID STABILITY

The patented stabilising system that equips these Gyrotedders combines the assets of powerful springs and hydraulic suspension. Unrivalled suspension and driving comfort are particularly appreciable for high-speed tractors. The rotors remain stable and well aligned behind the tractor even when brakes are applied suddenly on turns.

GF 7902

TOP QUALITY TEDDING WITH SMALL ROTORS

With a working width of 7.80 m and eight small-diameter rotors, these Gyrotedders have the ideal features for high quality output. Small-diameter rotors ensure excellent tedding. They are also the key to fast drying, excellent ground hugging and less impurities in the forage.

- Hydraulic suspension keeps the machine stable when turning in the field. With two large shock absorbers, the tedder smoothly and automatically returns to the centre when it is lifted.
- Integrated springs enhance the flexibility of the machine and keep it in the best working position at all times.
- Integrated rubber mounts absorb the shocks on paths while the suspension system controls machine movements.
- Central machine parts are made of cast iron!

Compactness ensured
In spite of the considerable working width, the small-diameter rotors limit overhang so that it can be used with low-power tractors. The height is exceptionally low. Signalling and lighting panels are standard.

Yokes for higher lift linkage are available as option for tractors with little linkage lift height.

A DESIGN WHICH MAKES THE DIFFERENCE

These semi-mounted systems are designed for use with low to medium-power tractors so that you can reduce your running costs considerably. They are comfortable to drive, easy to use and have a long service life which are additional benefits of these versions.
The T GII semi-mounted models have 7.80 m working widths and offer a choice between 2 rotor designs:
- Large rotor, adapted to long, dense forage, with the GF 7802 T G II.
- Small rotor, if you require optimum forage turning, with the GF 7902 T GII.

The GF 7902 T GII tedder with its small rotors
Ideal for optimum forage turning that speeds up drying.

The GF 7802 T GII tedder
Adapted to working in long and dense forage owing to its large rotors.

Wheels in front of the rotors
To reduce weight on the central rotor wheels, the transport undercarriage is located in front of the rotors. Only part of the weight is borne by these central wheels, the rest being absorbed by the drawbar and the tractor.
There are undeniable advantages:
- less stress on the central rotors,
- fewer ruts in wet conditions,
- improved ground following.

On bumpy terrain, a kit with two complementary wheels fitted on a swinging shaft can be mounted in front of the rotors for improved ground following.

Hydraulic oblique setting as standard
On these professional machines, field edges or tedding on slopes is managed as efficiently as possible in incomparable comfort.
Operate a control valve and the machine is ready to work in oblique mode to left or right.

Compact and universal coupling
GF 7802 T G II and GF 7902 T G II semi-mounted models are among the most compact tedders on the market which makes them very easy to handle, especially for travel. They are easy to attach to all tractors with a cat.2 3-point linkage.
Practical: on bumpy terrain you can raise the front of the rotors slightly for easier passage.

A clever folding system
Lowering the transport wheels is combined with the rotors tilting forwards. Thus in transport position, the height dimension is reduced, load distribution on the tractor is optimal and road behaviour at high speed is perfect.

GF 8700

GREAT ADAPTABILITY

The GF 8700 tedder, with a working width of 8.70 m comes as an addition and derives from the GF 8703. Its design offers an excellent ratio between compactness and large working width while still being adapted to small-size tractors. The HLC (Headland Lifting Control) system ensuring rotors are lifted on headlands is available as optional equipment.

Perfectly suited to small tractors
The GF 8700 tedder has an excellent ratio between compactness and working width for a 3-point mounted machine.
The center of gravity is 200 mm closer to the tractor compared to the GF 8703. It is 15% lighter than the GF 8703.

Border deflector
A hydraulically controlled border deflector is available as an option to stop the crop from being ejected outside the plot.

Stable and maneouvrable in all conditions
Two lateral stabilisers with mechanical brake provide stability when turning, as does a machine-to-tractor load-transfer feature for transport. Headstock with +/- 22° angular travel range makes the machine highly manoeuvrable in tight plots.

Priority on output quality
Excellent output quality is produced by the 1.5m small-diameter rotors and reduced distance between wheel and tines.
With the asymmetrical tines, a pitch angle of 18.5° is achievable, and this makes raking more effective between the two rotors.
All of these great features enable the machine to adapt to ground contours, and dirt contamination in the forage is kept to a minimum.

Recognized robustness
The rotor casings are waterproof, greased for life and maintenance-free. The rotor drive with DIGIDRIVE fingers made of forged, case-hardened, treated steel is perfectly suited to intensive use, even with a large operating-angle range. This limits maintenance time to a few minutes per day.

GF 8703 | 10803 | 8703 T | 10803 T

PLOT POINTS DESERVE YOUR ATTENTION TOO

Narrow or wedge-shaped plots will no longer be a concern for users of mounted GF 8703 and 10803 or trailed GF 8703 T and 10803 T gyrotedders, thanks to the HLC (Headland Lift Control) rotor lift system. Simply operate a valve to lift all rotors minimum 50 cm from the ground in less than 5 seconds.

50 cm in 5 seconds

Whether on mounted or trailed versions,benefit from the speed of the HLC system that raises the rotors on headlands.The central rotors will reach a height of 50 cm and the outer ones will rise even higher. Gain confidence and work output by maneuvering easily:

- reverse in wedge-shaped plots,
- easily turn on headlands,
- cross your neighbouring plots without folding your machine. Ditches are no longer a problem!

The high rotor clearance prevents any forage buildup when manoeuvring over large windrows.

PAUL SCHOUTEN,
dairy farm in the Netherlands.

Paul invested in a 10-rotor model to gain in work output compared to a smaller model, which was necessary with 4 cuts.
"The HLC system of this tedder is unique. It's an excellent system that makes it easy to turn on headlands without any element touching the forage. The rotors are raised at the same time as the lift linkage to turn very easily."

High quality forage, even in the points

The **HLC system,** improves tedder reactivity considerably when reversing and manoeuvring over the entire plot even in the tightest fields. The impressive height of the HLC rotor lift system means you can:
- Easily pass over large amounts of forage without any of it building up around the wheels. The forage is turned once only including on headlands.
- Reverse on uneven ground without picking up impurities (soil, stones) due to components touching the ground.

Test criterion	Test result	Évaluation*	Commentaires
Crop pick-up	Complete and tidy	N/E	Homogeneous regardless of the speed of travel
Transverse distribution in grass silage	Very uniform	N/E	N/E
Transverse distribution in hay	Uniform	N/E	N/E
Contamination in grass silage**	Low	+	Best possible evaluation in test
Contamination in hay***	Low	+	Best possible evaluation in test

Source: DLG Test Report 6245 F, 11/14.
* Based on the DLG testing framework for Gyrotedder ** Possible evaluations: - / o / + (o = standard, N/E = not evaluated

Small rotors: excellent distribution

Tedders with small diameter rotors have convinced the DLG testers among other points with its complete crop inversion and high distribution quality in grass silage and hay. Find above a brief summary of the DLG Fokus Test results.

DLG FOKUS TEST
Power consumption and distribution quality in grass silage and hay

GF 8703 | 10803

HIGH WORK OUTPUT. COMPACTNESS.

With the GF 8703 and 10803 tedders, large width means high work output... and even compactness! Our mounted machines of 8.70 and 10.80 m working width, won't take up all the space in your storage sheds they will however ensure high work output and easy handling. With the GF 10803 model, the widest mounted machine in the KUHN range, you can work an average of 10 ha/h.

Built for allround efficiency
On the road and in the shed, our Gyrotedders are designed to save space and for easy handling. Their stability when travelling on roads or paths is also outstanding.

Quality: Tedding like a 4-rotor rake
The 1.5 metre small diameter rotors fully turn over the forage. Individual rotor joints, identical spacing and asymmetrical tines ensure that all the forage is picked-up, even when it is long or dense and on uneven ground. Adjust the pitch angle in just 2 minutes (no tools required) to adapt to the quantity of forage.

Couple it to a small tractor

On the road, comfort is absolute.
Width and height do not exceed conventional road dimensions. Plot access is easy with the shorter length and substantial under-rotor clearance. The patented linkage system between the headstock and the beam ensures:
- Ideal road travel suspension,
- Perfect stability on turns and at work,
- Just the right load transfer between the machine and the tractor.

Features that make the difference!
Hitch stabilisers keep the machine in place on bends or slopes, during work and transport. The lever-operated DUPLEX gearbox makes it very easy to lower the rotors' speed by 45%. Handling is quick and you keep your hands clean. Night windrows can thus be formed with ease.

100% of forage tedded on your plot
Hydraulic oblique position setting comes as an option. It allows you to eject forage uphill. Also, when tedding on fielf edges, forage is ejected towards the field inside.

GF 8703 T | 10803 T

HIGH OUTPUT WITH NO COMPROMISE ON TEDDING QUALITY

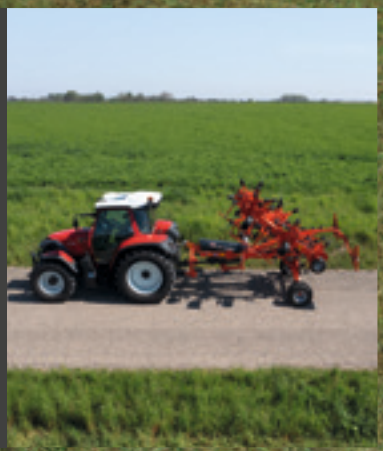
Don’t miss out on the trailed GF 8703 T and 10803 T tedders. They combine outstanding tedding quality with excellent manoeuvrability thanks to the HLC (Headland Lift Control).

33% shorter drying time
Tests have proven (see page 4) that small rotors speed up drying time by almost 33%. In addition, the theoretical time to reach 30% D.M. is 7 hours with large rotors, when it is 4.7 hours for small rotors whose pitch angle is more aggressive. Forage is both moved and turned over to face the sun, resulting in faster drying and preserved forage quality. Pitch angle on KUHN tedders is easily adjusted, without tools.

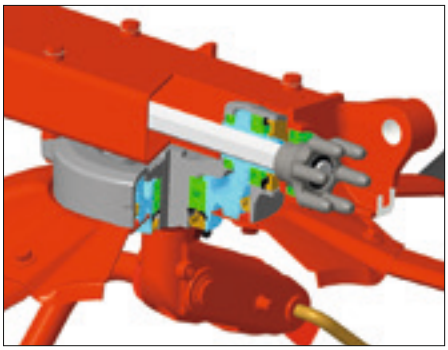
Simply great quality forage
Preventing impurities from being moved into the forage ensures the quality of forage. Each rotor has individual pivot and equal spacing for great ground contouring. Asymmetrical tines always operate parallel to the ground and turn the forage without scraping.

Designed for small-sized tractors

On the road, comfort is absolute. It has one of the most compact transport positions on the market which makes it very easy to handle. The 3-point linkage system and cleverly placed transport wheels provide just the right load transfer between the machine and the tractor for rotor lift during windrow crossing or folding/unfolding. Wide transport wheels (300 mm), located close to the machine's pivot axis enable easier manoeuvring. They make the machine reactive on bends and easier to drive.



Easy working height setting
To save time and ensure top quality output, height adjustment is made easy. Simply adjust the height of the tractor's link arms.



10 minutes per day
Maintenance consists in greasing the PTO shaft, no more. The DIGIDRIVE finger coupling and the rotors need no maintenance and a double seal prevents any lubricant leakage or dirt in the rotors.

For increased precision
Use a support wheel for improved ground following. Setting the machine in hydraulic position is available as option and allows ejecting forage uphill.

GF 13003 T

TED UP TO 15 HECTARES AN HOUR

Simple and efficient, the new KUHN GF 13003 T tedder is designed to satisfy demanding users.
With a working width of 13.40 m, its work output is impressive. This tedder offers an exceptional quality of work.
OPTITEDD rotors, thanks to their robustness, work without problems in very intensive conditions or in heavy forage.
The risk of breakdown and downtime for daily maintenance are reduced. The GF 13003 T tedder is the perfect machine for tedding large areas quickly and easily.

OPTITEDD

FEATURING OPTITEDD ROTORS

This tedder offers an exceptional quality of work. OPTITEDD rotors, thanks to their robustness, allow it to work without problems in very intensive conditions or in heavy forage. The risk of breakdown and downtime for daily maintenance are reduced.

No electronic control box, everything is simplified !

The machine's ease of use was an objective during its development: no electric control box is used and only one hydraulic valve is necessary to control the different functions! This ease of use will allow you to get to grips with the machine quickly and easily. The risk of a handling error is greatly reduced.

Quick settings
Pitch angle and pick-up height adjustments are quick to implement and require no tools. The user can therefore very easily adjust and adapt the machine according to the conditions of use.

Windrow crossing made easier
At the headland, the HLC (Headland Lift Control) windrow passage function offers the possibility of raising all rotors by simply operating the tractor hydraulic valve. This function allows a large clearance for easier manoeuvres and avoids turning the forage over twice.

Remarkable ground following
Placed as close as possible to the rotors, the wheels of the chassis improve ground following responsiveness (GSC function, Ground Safe Control). All rotors are independently articulated for improved following of ground unevenness. The rotor wheels are also located closer to the tines for improved guidance.

ALL TERRAIN ADAPTABILITY

State-of-the-art ground following
The 14 rotors of the GF 15003 T tedder, as well as the 16 rotors of the GF 17003 T model follow uneven ground perfectly:
- the **exclusive GSC** (Ground Save Control) system allows the rotor wheel set to swing independently of the carrying frame,
- at work, the chassis weight rests on the large transport wheels,
- the small-diameter rotors adapt individually to ground contours and the carrying frame, thus ensuring efficient forage turning and fast drying,
- the wheels, located as close as possible to the tines, limit introducing impurities into the windrows and ensure long tine service life.

Ease of crossing ditches
The HLC (Headland Lift Control) system on both tedders makes your life easier. Simply operate the hydraulic valve to simultaneously lift the rotors and obtain a high ground clearance.
Benefits:
- cross in a few seconds a ditch separating two neighbouring plots,
- make a headland turn without forage buildup or unwanted lifting when manoeuvring over large windrows,
- preserve forage quality and nutrients.

A clever design
The two sections are retained by straps intended to reduce stress on the frame and the structure of the rotors. Thanks to the fastening at the rotor ends, the two sections remain perfectly stable, without any oscillation. The straps double as safety devices, replacing the traditional metal guards, which are often heavy and constraining during folding manoeuvres. Both straps automatically wind up for transport like a car safety belt.

Straight and neat edges
These large-width gyrotedders perform just as well on small plots and also ensure flawless work along borders. A hydraulically pivoting curtain, available as optional equipment, limits discharge on the right side.

Extreme compactness: dream dimensions

No need to enlarge your storage shed, the 15.10 and 17.20 m respectively of the GF 15003T and GF 17003T tedders will not take up more room than some 10.00 m tedders on the market! On the road, comfort is absolute:
- width and height not exceeding those of the tractor,
- easy access to plots with their reduced length, the position of the axle assembly and large rotor clearance.





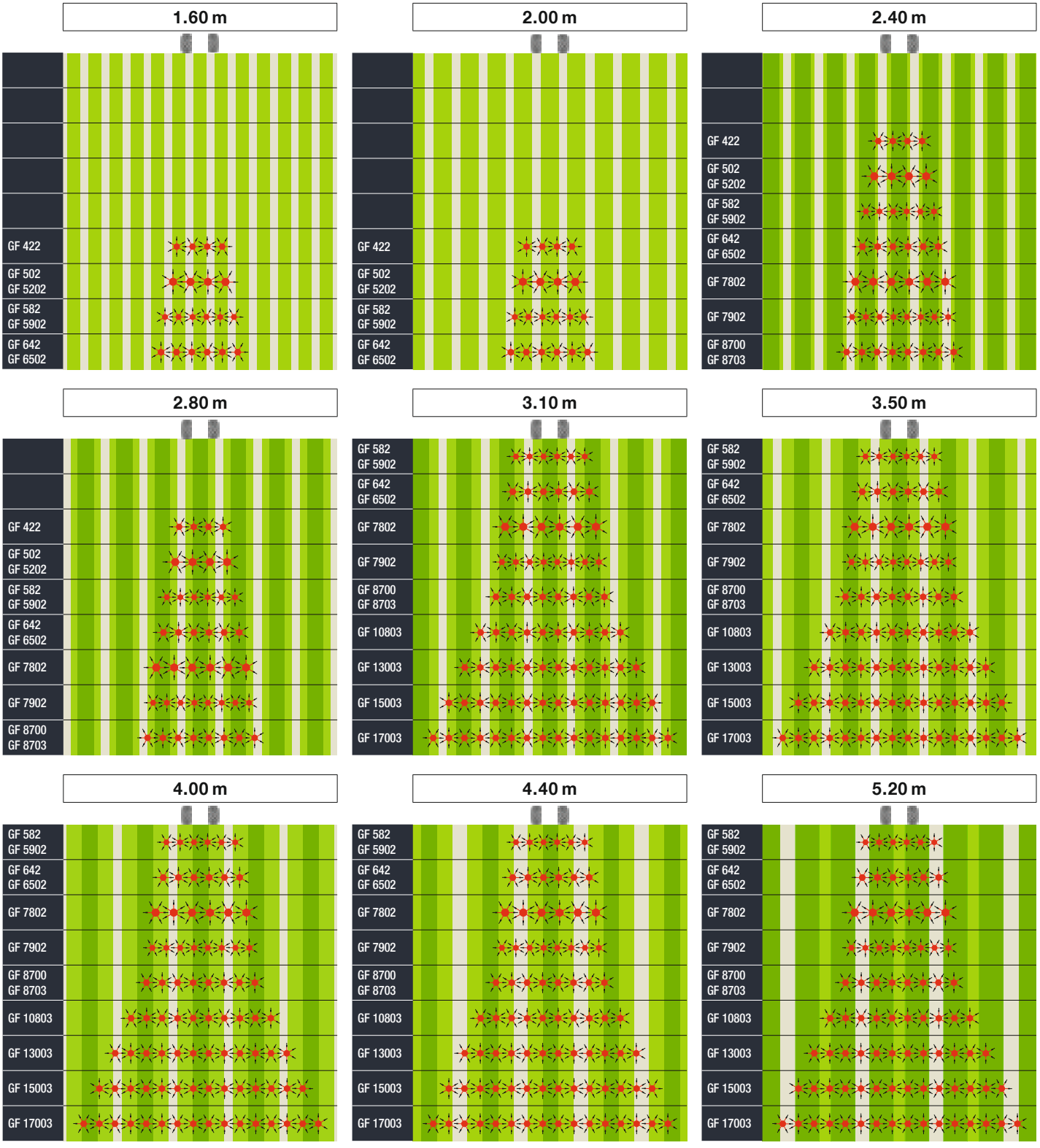
Clever folding
Unfolding or folding operations are very simple and quick thanks to the KGF 10 hydraulic control box. Time lost moving from one plot to another is reduced to a minimum, for maximum daily output.

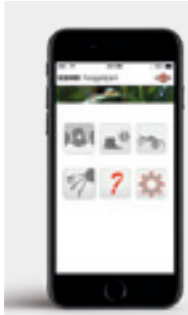
THE BEST TEDDER COMBINATIONS

GMD disc mowers are set for work in standard configuration. FC disc mower conditioners are fitted with deflectors. When open, they allow wide spreading whereas closed they produce narrow swaths.

Wide spreading (GMD or FC) Narrow swath (FC)

REAR MOUNTED MOWER OR MOWER CONDITIONERS





ForageXpert: find the adequate model

Optimize your forage harvesting chain by combining the most relevant machines with each other. Depending on mower or mower conditioner, find the tedder model best suited to your needs.

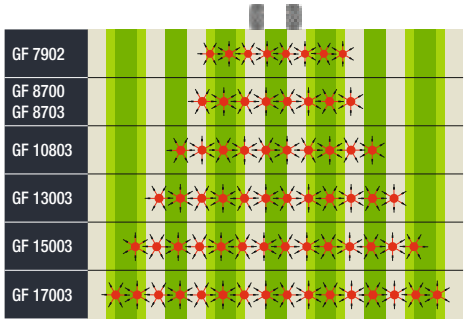
Google Play

Download on the App Store

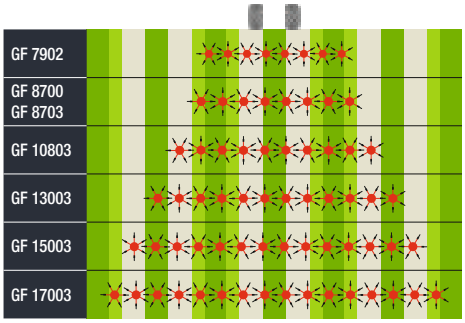
Scan this code for direct access to the KUHN ForageXpert app

FRONT / REAR COMBINATIONS

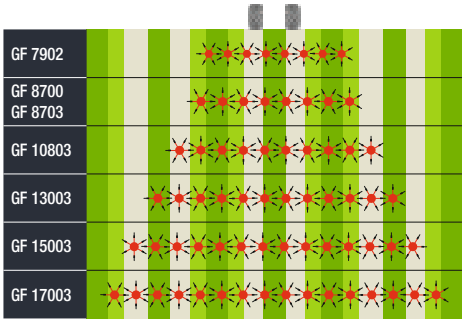
3.10 m / 2.80 m



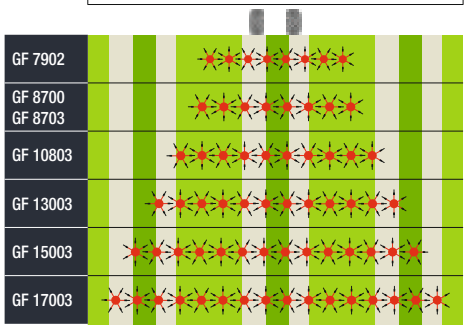
3.10 m / 3.10 m



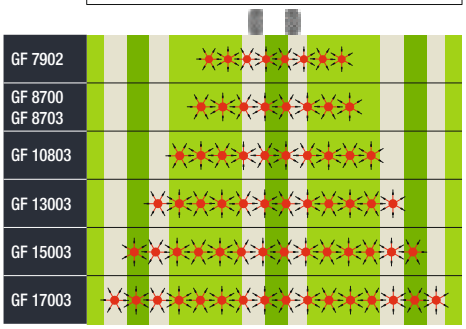
3.10 m / 3.50 m



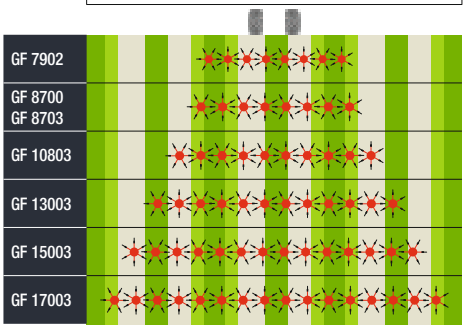
3.10 m / 4.00 m



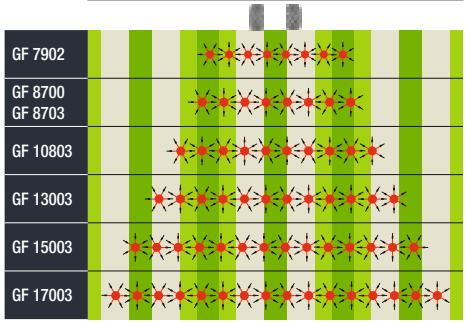
3.10 m / 4.40 m



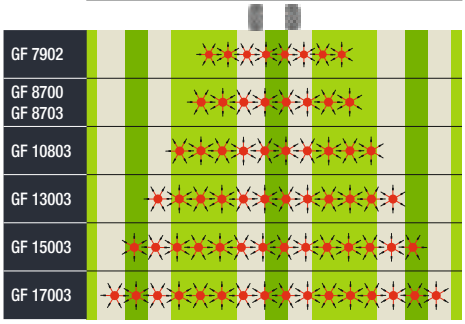
3.50 m / 3.10 m



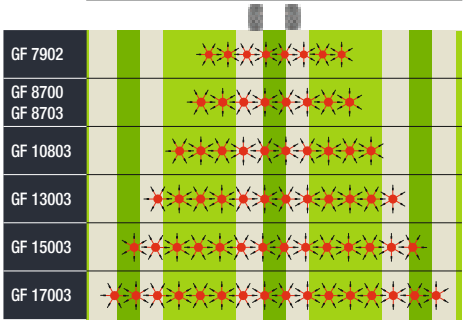
3.50 m / 3.50 m



3.50 m / 4.00 m



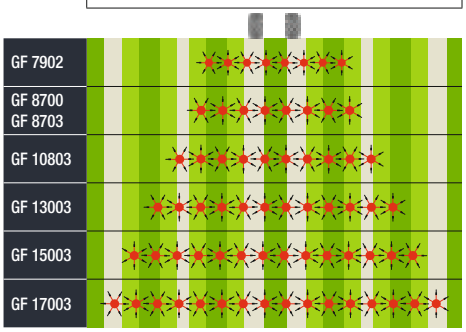
3.50m / 4.40 m



TRIPLE COMBINATIONS

3.10 m / 2 x 3.10 m

3.10 m / 3.10 m



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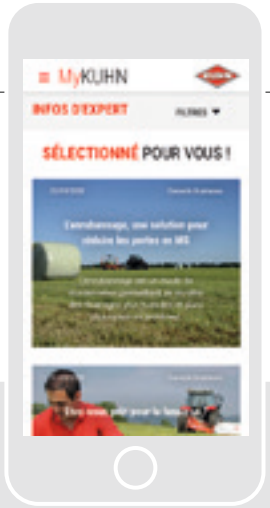

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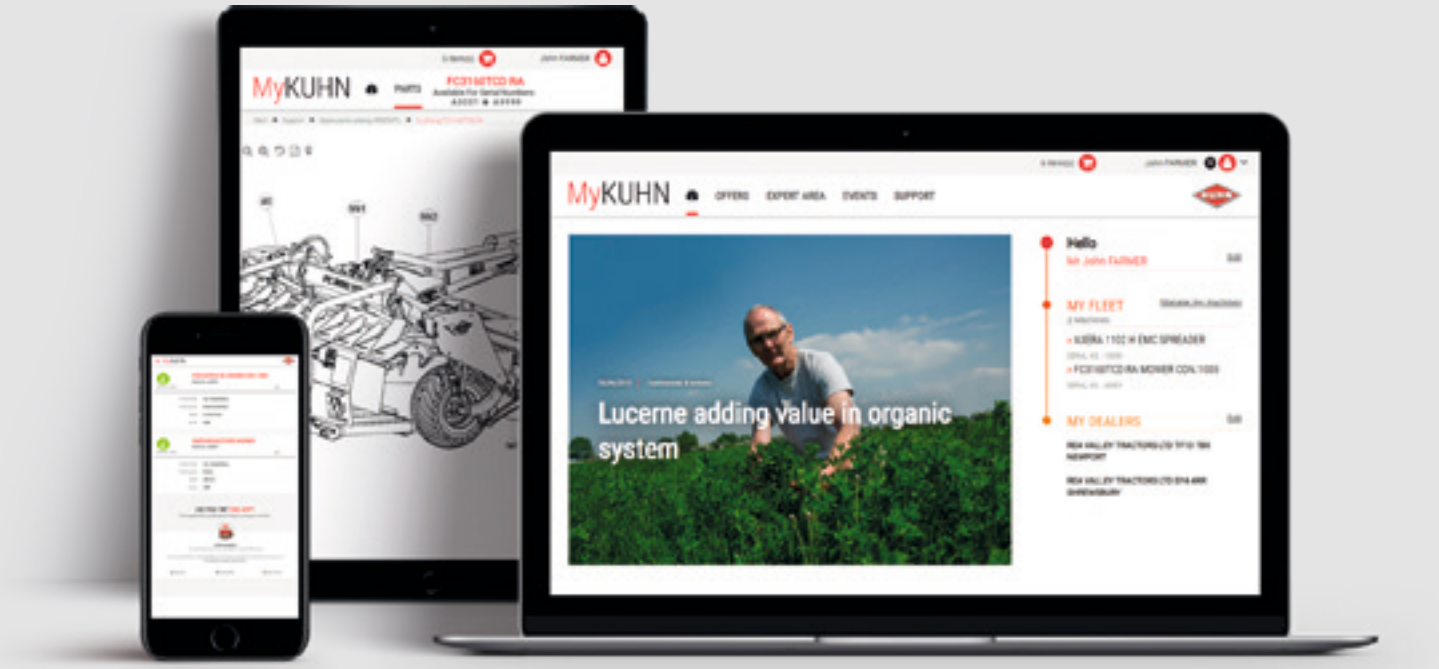

Technical specifications

	GF 422	GF 502	GF 582	GF 642	GF 5202	GF 5902	GF 6502
Working width DIN 11220 (m/ft)	4.20	5.00	5.75	6.40	5.20	5.90	6.50
Work position width (m/ft)	4.66	5.43	6.00	6.75	5.85	6.19	6.96
Number of rotors	4		6		4		6
Number of tine arms per rotor	6		5	6	7	5	6
Transport width (m/ft)	2.50	2.85	2.40	2.95	2.99	2.53	
Transport height (m/ft)	2.37	2.72	2.95	3.30	2.80	3.02	3.29
Transport length (m/ft)							
Oblique setting	◆▸ Manual setting on wheels				◆▸ Mechanical centralised		
Rotors							Conventional
Rotor lift at headlands – HLC function							
Wheel deflectors	◇▸						
Tine deflectors	-						
Pitch angle setting – tool-free	Fixed				3 positions	2 positions	
Rotor drive							
PTO speed							
Secondary drive	-						
Free wheel							
Tyres - 2 central rotors	15 x 6.00-6				16 x 6.50-8		
Tyres - Outer rotors	15 x 6.00-6						
Tyres- Transport undercarriage	-						
Spare wheel for rotors							
Linkage	3-point - Cat. 1 and 2						
Stabilisation	-				Mechanical stabiliser by brake		
Tractor hydraulic requirements	1 SA		1 DA	1 SA	1 DA		1 SA
Tractor electric requirements	-						
Min. PTO power requirement (kW/hp)	15/20		20/27	22/30	17/23	20/27	22/30
Lighting and signalling	◇▸		◆▸				
Weight (kg)	452	522	690	850	660	810	920

Optional equipment (according to model): hydraulic oblique setting - Border deflector - Spare wheel - Reduction gearbox for night windrows - Front support wheel - Lowered hitch pins - Wheel covers -

◆▸ standard ◇▸ optional - not available

KUHN PARTS

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GF 7802	GF 7902	GF 7802 T GII	GF 7902 T GII	GF 8700	GF 8703	GF 10803	GF 8703 T	GF 10803 T	GF 13003 T	GF 15003 T	GF 17003 T
7.80				8.70		10.80	8.70	10.80	13.00	15.10	17.20
8.37	8.09	8.37	8.09	9.12		11.20	9.12	11.20	13.40	15.60	17.70
	8	6	8			10	8	10	12	14	16
8	5	8	5	6							
2.99									2.40		
3.36	2.95	3.53	3.15	3.25	3.35	3.65	3.15	3.30	2.68		
-									6.50	7.50	
		◆ Hydraulic		◇ right side hydraulic pivot curtain	◇ connecting rods + cylinder				◇ right side hydraulic pivot curtain		
					OPTITEDD						
						◆					
◆				◇	◆						
			◆								
3 positions	2 positions	3 positions	2 positions	Fixed	2 positions						
By DIGIDRIVE system in forged, case-hardened steel											
540									1 000		
		With torque limiter		-			With torque limiter		-		
		◆									
	16 x 9.50-8	16 x 6.50-8	16 x 9.50-8	16 x 6.50-8	18 x 8.50-8				16 x 6.50-8		
16 x 6.50-8											
		26 x 12.0-12		-			26 x 12.0-12		10.0/75-15.3	13,0/55-16	
◇									◆		
3 points - Cat. 2									Drawbar		
2 powerful dampers + suspension springs		-		2 stabilisers with brake and springs	2 powerful dampers + suspension springs		-				
1 DA		2 DA		1 DA			1 DA with floating position				
1 7-pin plug									1 7-pin plug and ISO 1 3-pin plug		
30/40				36/50		40/55	36/50	40/55	59/80	67/90	73/100
				◆							
1,085	1,150	1,430	1,515	1,200	1,380	1,620	1,760	1,980	2,800	3,220	3,460

Lighting and signalling panels

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