



Gyrotedders  
GF 102 - GF 1000 - GF 1002 - GF 1003





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**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**  
KUHNS 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.

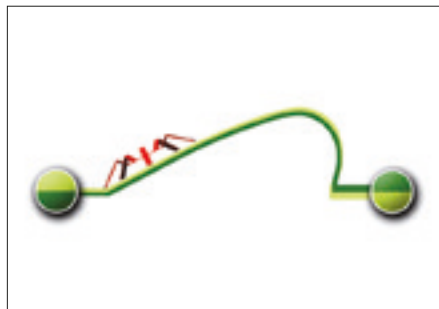
**LOOKING FOR VERSATILE AND ADAPTIVE IMPLEMENTS**  
To optimize your basic ration, the forage harvest implements have to adapt to versatile situations. KUHNS Gyrotredders are as adaptive as you need them.

# HIGHLY EFFICIENT

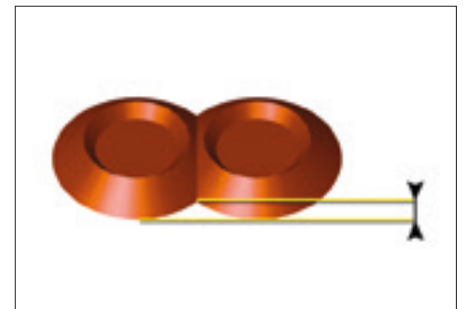


### Small rotors are the key to success

- 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 turn 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.

<b>Pitch angle</b> <b>Difference in height between rotor front and rear</b>	<b>Flat angle</b> <b>24 cm / 9"</b>	<b>Aggressive angle</b> <b>40 cm / 15"</b>
Distribution precision		
- good	14%	29%
- average	46%	39%
- poor	39%	32%
Dry matter content		
- Basic product	20.7%	20.7%
- after 4 hours	26.0%	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.	<b>7 hours</b>	<b>4.7 hours</b>



# CROP FULLY PICKED UP BY ASYMMETRICAL TINES

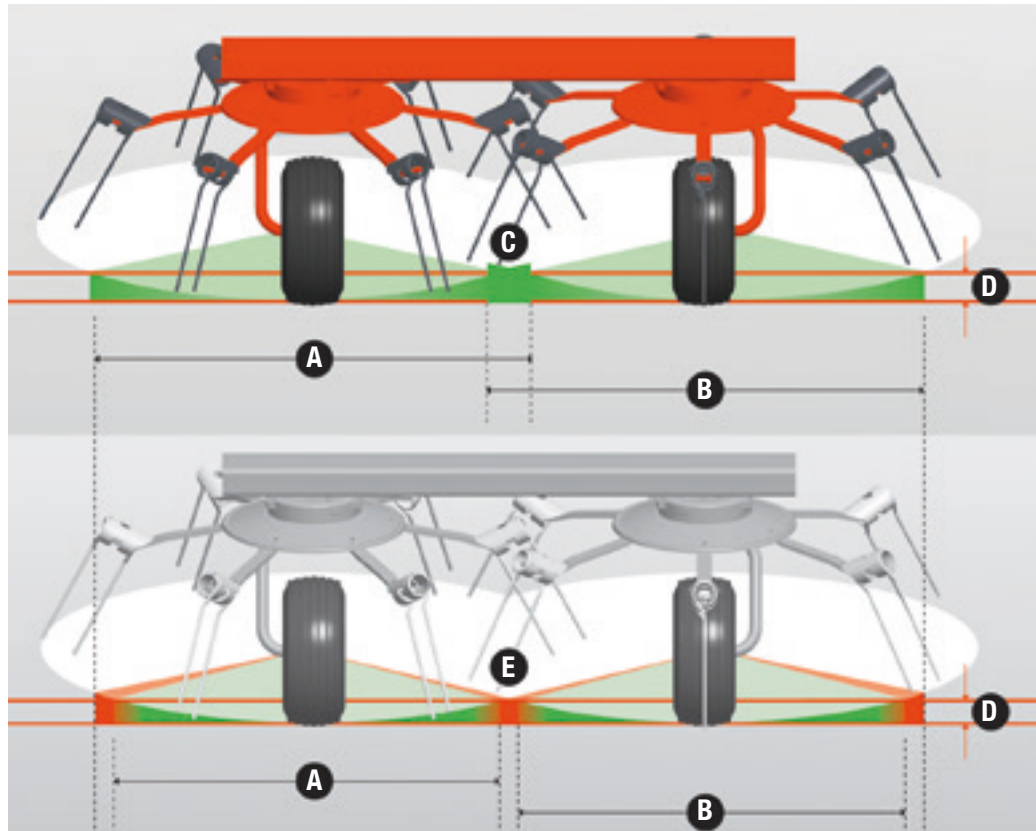
Nothing has been overlooked: top quality raw materials, two prongs of different length to ensure clean pick-up, four coils and specially-designed attachment system to the arms. Metal guards prevent forage from building up around the coils. Several hundred hours of operations before having to replace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

## TINES THAT ENGAGE WITH THE FORAGE EARLIER

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



## OPTITEDD ROTOR: UNFALTERING!



### TO DEAL WITH EVEN MORE INTENSIVE CONDITIONS

To meet ever more intensive uses, the range of mounted and trailed GF tedders, with working widths of 8.70 to 17.20 m, is evolving. GF 7803, 7803 T, 7903, 7903 T, 8703, 8703 T, 10803, 10803 T, 13003, 13003 T, 15003 T and 17003 T tedders feature a new rotor that increases machine resistance as well as the service life of the working parts. The rotor, arms, and tines are designed to be more robust so that the machines can operate in the most extreme conditions (heavy forage, stony ground, etc.). Of course, the technical components and customer benefits that made the reputation of previous models have been retained. With GF 1003 and GF 1003 T tedders, equipped with the new rotors, you get a reliable machine with low maintenance costs.

#### Service life doubled

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.



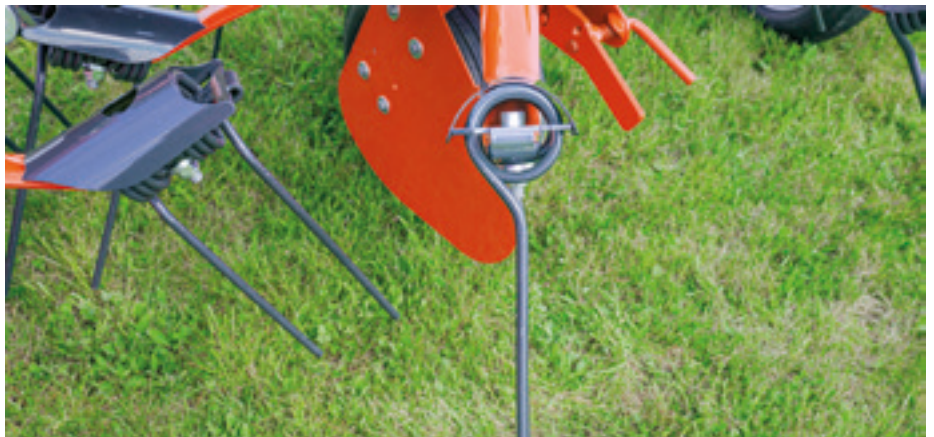


# ALWAYS NEAT AND TIDY.

The tine deflectors, fitted as standard, have been redesigned to improve tedding quality and 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 easy 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. Tedding quality remains excellent while internal stresses and strains on the tines have been reduced, especially in heavy forage.



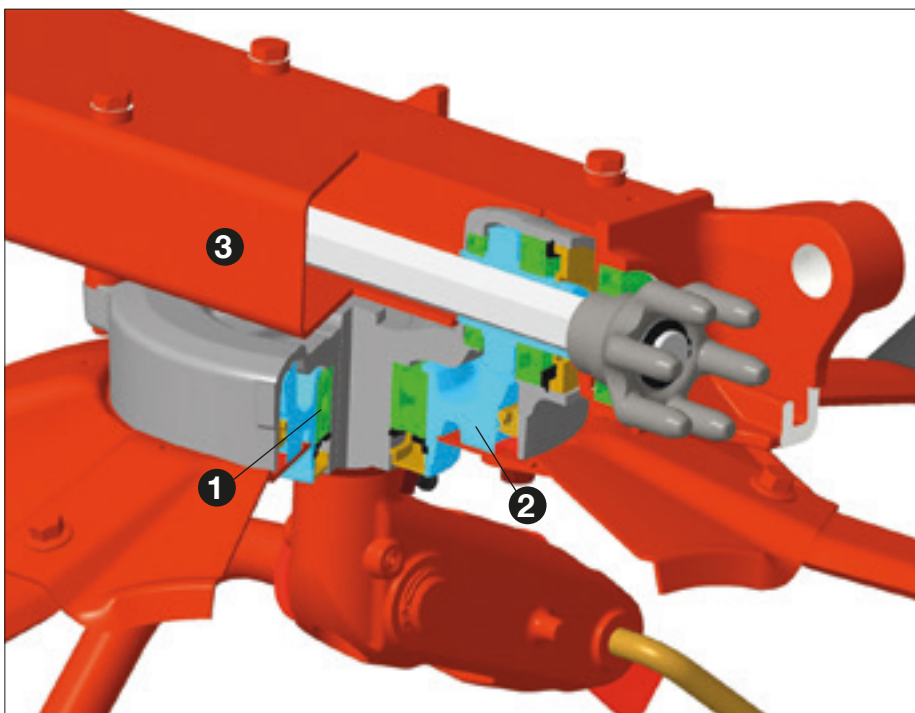
# THE DIGIDRIVE COUPLING SYSTEM: LEGENDARY

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 GUARANTEED

With DIGIDRIVE-driven rotors and rotor housings lubed for life, the greasing points are limited to a relatively few pivot points giving you more time to spend 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 and the introduction of contaminants;
- (3) Robust mounting to the rectangular frame with spacers that house long connecting screws.





### 100 % of the forage in the field is teded

For neat and tidy tedding along fences and neighbouring plots, 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 an optimal spread. Depending on the model (see technical specifications), tedders are fitted, as standard, with a centralized mechanical tilt setting or an optional hydraulic tilt setting, simple to operate from the cab. A double-acting cylinder with pilot-operated valves ensures safe operation with no untimely disruptions.



### Fast pitch angle adjustment

Long or short forage, wet or dry, different cutting heights: the pitch angle is set without the need for tools.

Never forget: a large pitch angle leads to quicker drying and higher nutritional value in the forage!



### Ground contouring

The rotors ride on large diameter wheels. Well-proportioned 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 when it gets wrapped around the wheel columns, and inevitably leads to downtime. That's why KUHN tedders, from the GF 5902 model, are fitted as standard with deflector plates (except GF 8700) to tackle the issue.



### Adapted to all terrain

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, tine height adjustment 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 rotor rotation speed by 45% very easily. It is quick to do 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, the rotors follow the tractor perfectly thanks to the pivoting head. Activate the hydraulic valve and the tractor hitch system raises the rotors for road travel. In this position, the rotors are automatically centred and locked for fast and safe transport.





### **Individual oblique positioning**

Each wheel can easily be adjusted obliquely, without tools, for accurate tedding along field edges, without losing or wasting precious forage. There's no additional cost, the function is fitted as standard.



## 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. It is ideal for tedding along fences or neighbouring crops due to its centralized oblique setting. Mechanical as standard, it is possible to change this function to hydraulic, as an option.



### **Easy and safe transport**

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



## COMPACT WITH 6 ROTORS

High-quality output on a compact tool is 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 rough 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. For very steep slopes, it is possible to fit the machine with a second stabiliser.



### **No forage loss**

Ted 100% of the forage on your plot with the centralised mechanical or hydraulic oblique position setting.



**GF 7803**

## LARGE DIAMETER ROTORS FOR LONG AND DENSE CROPS

Equipped with six rotors with seven tine arms each, the GF 7803 tedder is the ideal tool for spreading three large swaths produced by a 3.00 m / 10' mower conditioner. The OPTITEDD rotors are designed to handle long and dense crops. They are robust enough to work in the most intensive conditions.



### No forage loss

The GF 7803 tedder at work in oblique position along a border.



### Clever folding

Despite its large working width, the tedder's 6 rotors fold to a compact enough size to facilitate road travel and access 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.



# TOP QUALITY TEDDING WITH SMALL ROTORS

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



## Compact

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

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

- 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.
- The core parts of the machine are made of cast iron!



## A DESIGN WHICH MAKES THE DIFFERENCE

These semi-mounted systems are designed for use with low to medium-power tractors so that you can greatly reduce your operating costs.

These models are also easy to handle during transport, simple to operate in the field, and are made to last. GF 7803 T and GF 7903 T semi-mounted models work at a width of 7.80 m and give you the choice between 2 rotor concepts:

- the large OPTITEDD rotor, adapted to long, dense forage, with the GF 7803 T model,
- the small OPTITEDD rotor, for optimum forage turning, with the GF 7903 T model.



### The GF 7903 T with small rotors

Ideal for optimum forage turning to speed up drying.

### The GF 7803 T tedder

Suited to working in long and dense forage with 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**

These professional machines ted field edges and slopes highly efficiently while providing extreme operating comfort. Simply activate the control valve and the machine is ready to work in oblique mode to the left or right.



**Compact, universal coupling**

GF 7803 T and GF 7903 T semi-mounted models are among the most compact tedders on the market. This makes them very easy to handle, especially for transport. Their cat.2, 3-point linkage is easy to hitch to any tractor. Practical: on bumpy terrain you can raise the front of the rotors slightly for easier passage.



**A clever folding system**

The transport wheels lower and the rotors tilt forwards at the same time so height is reduced for transport. In addition, weight balance on the tractor is optimal and road travel at high speed is perfect.

*The information and photos in this document are for information purposes and are non-contractual. When operating our machines, they must be used in accordance with the requirements indicated in the operator's manuals and Pre-delivery instructions.*





**GF 8700**

## GREAT ADAPTABILITY

The additional GF 8700 tedder, with a working width of 8.70 m is based on the GF 8703. It is designed to be both compact and work at a large width as well as adapted to small-size tractors. The HLC (Headland Lift Control) system, that raises the rotors on headlands, is available as an option.



### Perfectly suited to small tractors

The GF 8700 tedder has an excellent compactness/working-width ratio 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 manoeuvrable 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, while keeping forage contamination by dirt to a minimum.

**Renowned to be robust**

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.



## 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 a minimum of 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 lift even higher. Gain in 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!

High rotor clearance prevents any forage buildup when manoeuvring over large swaths.



**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 on this tedder is unique. It's an excellent system that makes it easy to turn on headlands without any parts touching the forage. The rotors are raised at the same time as the lift linkage so that turning is very easy."*



## High quality forage, even in the points

The **HLC system**, improves tedder reactivity considerably when reversing and manoeuvring over the 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 Gyrottedder \*\* Possible evaluations: - / o / + (o = standard, N/E = not evaluated)

### Small rotors: excellent distribution

Tedders with small diameter rotors have convinced the DLG experts who tested one of our models. Among the points that received approval were its complete crop inversion and high distribution quality in grass silage and hay. Find above a brief summary of the DLG Fokus Test results.





**GF 8703 | 10803**

## HIGH WORK OUTPUT. COMPACT.

On GF 8703 and 10803 tedders, large width means high work output... and a compact design! Our mounted machines with working widths of 8.70 and 10.80 m, 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 all-round 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 turn the forage over completely. 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 bends 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 and slopes, during work and transport. The lever-operated DUPLEX gearbox makes it very easy to lower the rotors' speed by 45%. It's quick to do and you keep your hands clean. Night windows can therefore be formed with ease.

### 100% of the forage on the plot is teded

The optional hydraulic oblique position setting ejects the forage uphill when working on slopes. And when teding borders, it sends the forage towards the centre of the field.



# 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) system.



### **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 moved and turned over to face the sun, resulting in faster drying and preserved quality. Pitch angle on KUHN tedders is easy to adjust, no tools required.

### **Simply great quality forage**

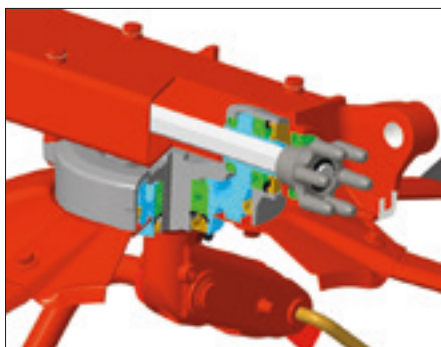
Preventing impurities from contaminating the forage ensures the quality of forage. Each rotor has individual pivot and equal spacing for great ground contouring. Asymmetrical tines always operate parallel to the ground and turn the forage without scraping.





## 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 headland turn 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. The optional hydraulic oblique setting enables the forage to be ejected uphill when working on slopes.



**GF 13003**

## THE FIRST 13 METRE MOUNTED TEDDER!

KUHN has designed the very first mounted tedder on the market with a 13 m working width!  
This model gives you all the advantages of a mounted tedder while the large width ensures impressive work output.  
Output quality is, of course, as good as usual. The 12 OPTITEDD rotors on this model make easier work of highly intensive operating conditions and heavy forage.



### A ROBUST TEDDER WITH OPTITEDD ROTORS

OPTITEDD rotors make easy work of very intensive conditions and heavy forage.  
Breakdown risks and downtime for daily maintenance are reduced.  
In addition, the working parts are harder wearing.







### Easier headland turns

By simply activating the tractor's hydraulic valve, the HLC (Headland Lift Control) system raises all the rotors at the end of the plot. It's simple. This function provides high clearance to facilitate manoeuvres. Dirt is not introduced in the forage and the latter isn't turned twice.



### Remarkable ground following

Ground following is excellent because:

- the small-diameter rotors work the forage evenly,
- each rotor is articulated independently (except the two outer ones),
- the rotors are spaced evenly,
- the space between rotor wheel and tines is much smaller.



### Central rotors with tandem axles

The two central rotors are equipped with twin wheels for improved load transfer over the ground and improved machine stability at work and for storage. For very rough terrain, a support wheel is available, as an option, to ensure that the tines are in the perfect position in relation to the ground.



### Reducing forage buildup

This machine is equipped with rotor wheel deflectors as standard. They greatly reduce forage buildup on the rotor wheels and wheel column.



### Neat and tidy at the edge of the plot

The two outer rotors on the right-hand side pivot for border tending. This prevents forage from being lost to neighbouring plots. No extra hydraulic valve is necessary, the system is integrated into the machine.



### Setting to work or transport position

Time is saved between plots thanks to quick position changes. The machine's exclusive folding/unfolding system makes it more compact for transport. With a transport width of under 3.00 metres and a height of 3.60 metres, you're safe on the road.



PATENTED

### Transport stability

The patented connection system between the machine's beam and the hitch ensures perfect suspension for road travel and stability on bends. The machine recentres smoothly when lifted. Load transfer from the machine to the tractor reduces overhang.



### Simple adjustments with the KGF 03 control box

Just one KGF 03 terminal and two hydraulic valves are necessary to control the machine's different functions:

- unlocking,
- folding/unfolding,
- oblique setting,
- headland turn.



**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 produces exceptional output quality. It features robust OPTITEDD rotors capable of working in very intensive conditions and 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.



### FEATURING OPTITEDD ROTORS

This tedder produces exceptional output quality. It features robust OPTITEDD rotors capable of working in very intensive conditions and heavy forage. The risk of breakdown and downtime for daily maintenance are reduced.







## No electronic control box, everything is simplified!

During the development phase, the objective was an easy-to-use machine: no electric control box is used and only one hydraulic valve is necessary to control the different functions! Its 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 do and require no tools. The user can adjust and adapt the machine very easily to the conditions of use.



### Easier headland turns

By simply activating the tractor's hydraulic valve, the HLC (Headland Lift Control) system raises all rotors at the end of the plot. It's simple. This function provides high clearance to facilitate manoeuvres and prevent turning the forage twice.



### Remarkable ground following

The chassis wheels are positioned very closely to the rotors which improves responsiveness to the terrain (GSC function, Ground Safe Control). The rotors are articulated separately to follow uneven ground better. The rotor wheels are also positioned closer to the tines to improve guidance.



## ADAPTS TO ANY TERRAIN



### 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 from 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 impurities in the windrows and ensure long tine service life.



### Quick and easy ditch crossings

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 high ground clearance.

#### Benefits :

- cross a ditch separating two neighbouring plots in just a few seconds,
- make a headland turn without forage buildup or unwanted lifting when manoeuvring over large swaths,
- 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-edged borders

These large-width gyrotedders perform just as well on small plots and work flawlessly along borders. A hydraulically pivoting curtain, available as an option, limits forage being ejected to the right.





## Extremely compact: dream dimensions

No need to enlarge your storage shed, the 15.10 and 17.20 m of GF 15003T and GF 17003T tedders respectively will take up no 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 due to the shorter length, the position of the axle assembly, and large rotor clearance.



## Clever folding

Folding and unfolding operations are very quick and easy 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.

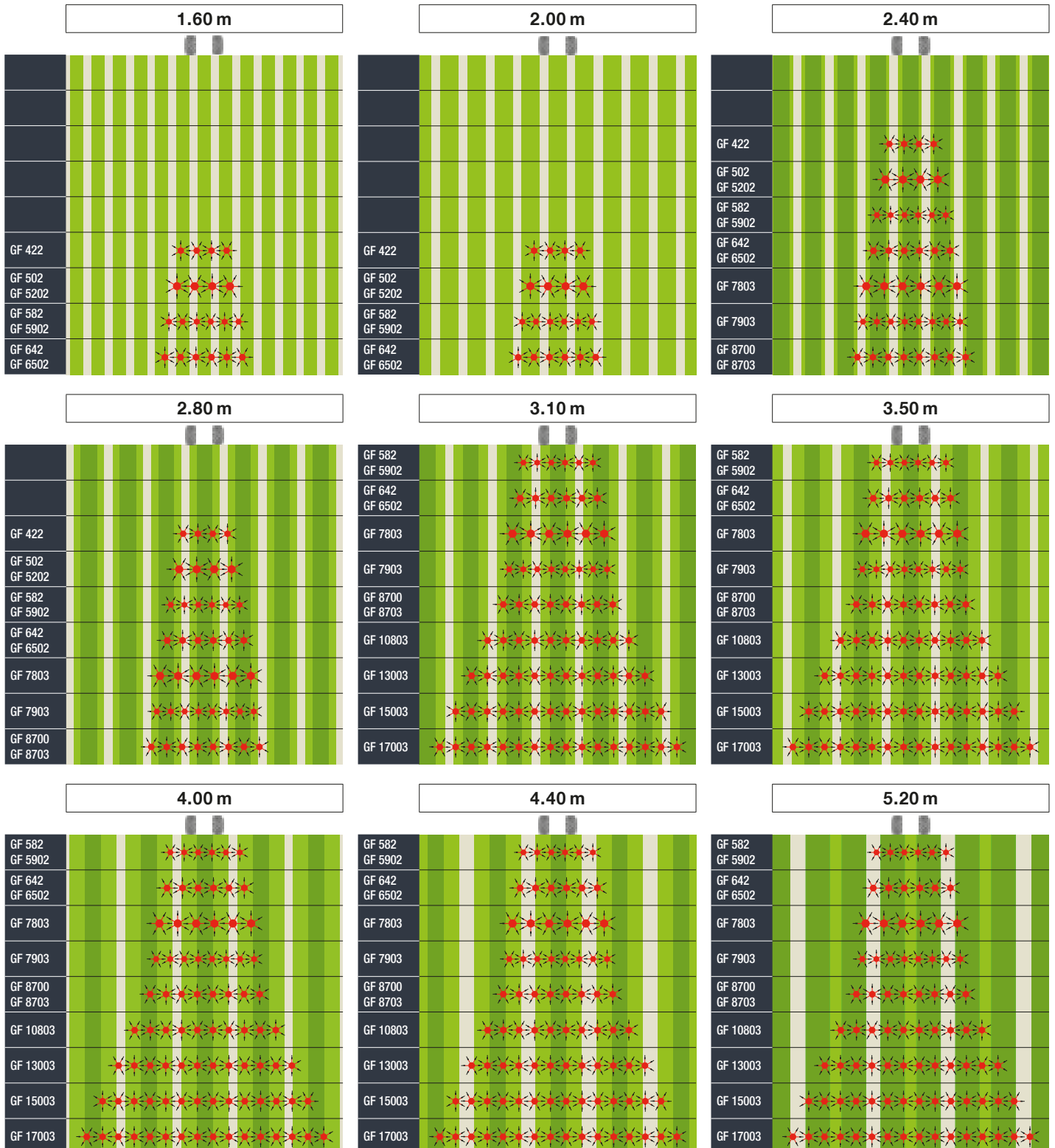


# THE BEST TEDDER COMBINATIONS

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

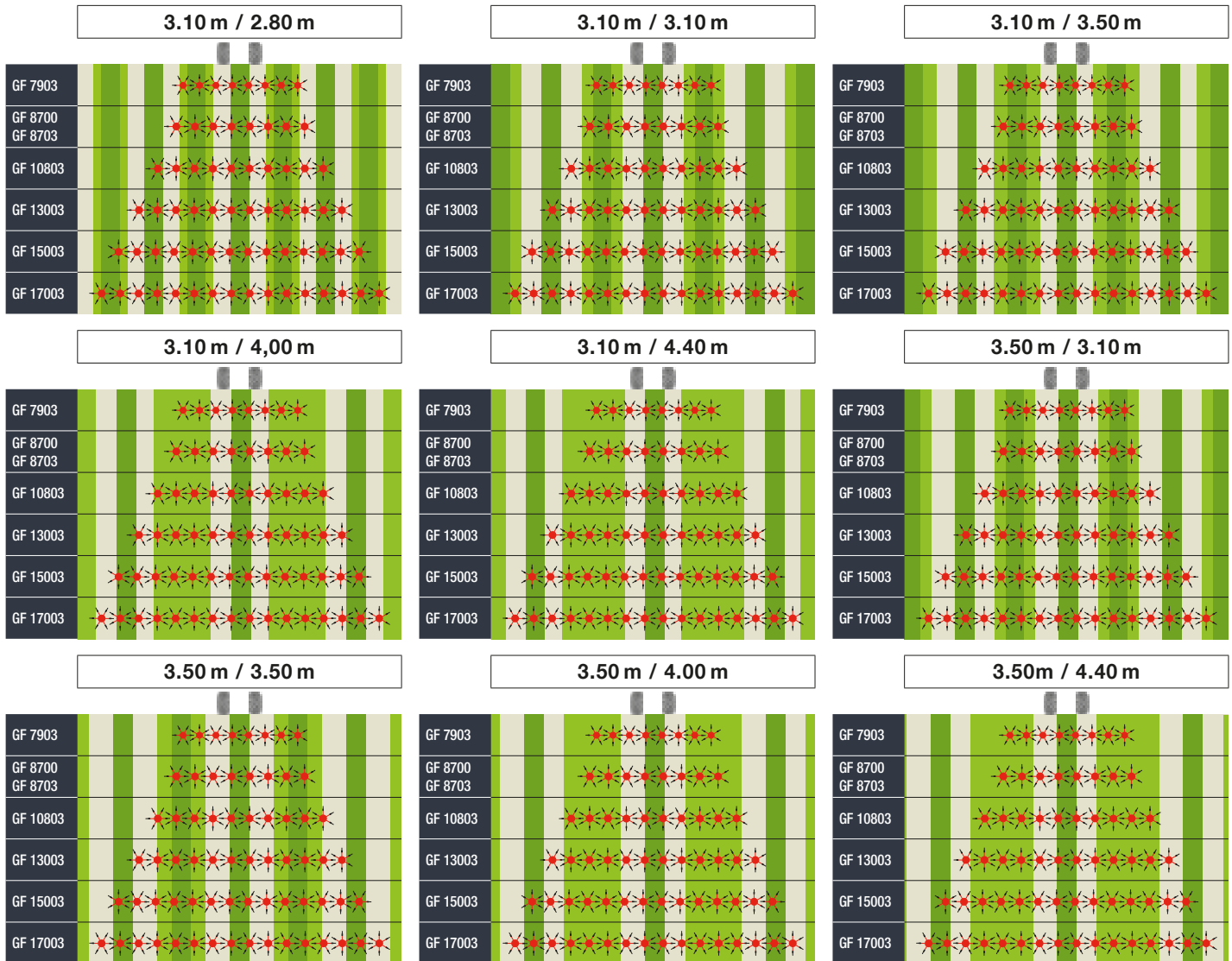
Optimize your forage harvesting chain by combining the most relevant machines with each other. Depending on mower or mower conditioner, find the tedder model best suited to your needs.



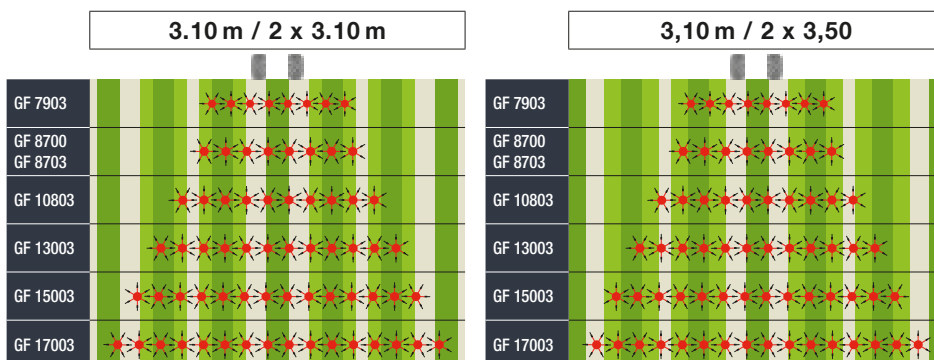
Scan this code for direct access to the KUHN ForageXpert app



## FRONT / REAR COMBINATIONS



## TRIPLE COMBINATIONS





## Technical specifications

	GF 422	GF 502	GF 582	GF 642	GF 5202	GF 5902	GF 6502	GF 7803	
Working width DIN 11220 (m)	4.20	5.00	5.75	6.40	5.20	5.90	6.50		
Work position width (m)	4.66	5.43	6.00	6.75	5.85	6.19	6.96	8.37	
Number of rotors	4		6		4	6			
Number of tine arms per rotor	6		5	6	7	5	6	7	
Transport width (m)	2.50	2.85	2.40	2.95	2.99	2.53			
Transport height (m)	2.37	2.72	2.95	3.30	2.80	3.02	3.29	3.36	
Transport length (m)									
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		3 positions	
Rotor drive									
PTO speed	540								
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			2 powerful + suspension	
Tractor hydraulic requirements	1 SA		1 DA	1 SA	1 DA		1 SA	1 DA	
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	1,085	

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



**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.



GF 7903	GF 7803 T	GF 7903 T	GF 8700	GF 8703	GF 10803	GF 8703 T	GF 10803 T	GF 13003	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	
8.09	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		
5	7	5	6									
2.99									2.40			
2.95	3.53	3.15	3.25	3.35	3.65	3.15	3.30	3.60	2.68			
									6.50	7.50		
◆ Hydraulic			◇ Right side hydraulic pivot curtain	◇ Connecting rods + cylinder				◆ 2 outer right side rotors pivot	◇ Right side hydraulic pivot curtain			
OPTITEDD												
◆												
◇												
◆												
2 positions	3 positions	2 positions	Fixed	2 positions				-	2 positions			
By DIGIDRIVE system in forged, case-hardened steel												
									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				2 roues par rotor 16 x 6.50 - 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-point - Cat. 2								3-point - Cat. 3N	Drawbar			
dampers springs	-		2 stabilisers with brake and springs	2 powerful dampers + suspension springs			-					
2 DA			1 DA			1 DA with floating position		1 SA + 1 DA	1 DA with floating position			
1 7-pin plug								1 7-pin plug and ISO 1 3-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	
◆												
1,150	1,430	1,515	1,200	1,380	1,620	1,760	1,980	2,050	2,800	3,220	3,460	

Lighting and signalling panels

## KUHN SERVICES\*

**KUHN sos order** - Express spare parts service, 24/7\*\*

**KUHN protect+** - The choice of professionals!

**KUHN i tech** - For ever quicker repairs!

**KUHN finance** - Invest rationally!



\* Not all services are available in all countries. \*\* except January 1, May 1 and December 25



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## Forage harvest implements from the leading manufacturer!



1. Rear disc mowers - 2. Rear drum mowers - 3. Front mowers and mower conditioners - 4. Rear disc mower conditioners - 5. Triple gang mower conditioners - 6. Gyrorakes - 7. Belt mergers - 8. Tedder - rakes

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KUHNS FARM MACHINERY PTY. LTD - 313-325 Foleys Road - Deer Park, VIC, 3023 - AUSTRALIA  
KUHNS FARM MACHINERY (U.K.) LTD - Stafford Park 7 - GB TELFORD/ SHROPS TF3 3BQ

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