



## ***NARROW PLOTS ARE NO LONGER A CONCERN WITH THE NEW MOUNTED AND TRAILED GYROTEDDERS FROM KUHN: GF 1012 AND GF 1012T SERIES:***

**PALMERSTON NORTH – (18<sup>th</sup> October 2019)** The new models in the 1012 series (GF 8712 and GF 10812 mounted and GF 8712 T and GF 10812 T trailed) come with 8 and 10 rotors respectively with working widths of 8.70 m and 10.80 m and meet the requirements of medium and large-sized farms. Their new HLC headland lift control system makes manoeuvring easy, and forage quality feels the benefit!

### **KUHN ForageXpert - for a powerful forage harvesting chain**

This tool enables you to optimize the forage harvest according to your current or future equipment. Find the mower, mower-conditioner, tedder and rake that are best adapted to your needs.

### **Handling made easy**

Benefit from the rotor lift speed on headlands of the HLC (Headland Lift Control) system on both mounted and trailed models. The centre rotors reach a height of 50 cm, the outside ones lift even higher.

Gain confidence and work output with an easy-manoeuvre tool:

- Reverse in points.
- Headland turns made simple.
- Cross your split plots without folding the machine. Ditches are no longer a problem!

High ground clearance of rotors prevents any forage build up when passing over large windrows.

The HLC system provides:

- Easy adjustments for fast, precise manoeuvres on uneven land.
- High quality forage, tilled once only at headlands to keep impurities to a minimum.

### **Optimal tedding quality - small rotors, excellent distribution**

Gyrotedders with small rotors convinced DLG experts during tests on one of our models. Complete crop inversion and high distribution quality in grass silage and hay were among the features that impressed them.

Find a brief summary of the « DLG Fokus » test results below.

Test criterion	Test result	Evaluation*	Comments
Power consumption in grass silage**	low/standard	+ (8 km/h) / o (12 km/h)	
Power consumption in hay**	very low	++	best possible evaluation in test
Crop pick-up	complete and tidy	N/E	regardless of speed of travel
Transverse distribution in grass silage	very uniform	N/E	
Transverse distribution in hay	uniform	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 Gyrotedders.

\*\* Possible evaluations: - / o / + / ++ (o = standard, N/E = not evaluated).

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### **33%\* shorter drying time** (\* according to test by Weser Ems Chamber of Agriculture)

Small diameter rotors and optimal pitch angle adjustment proved their effectiveness when tested by the Weser Ems Chamber of Agriculture in Germany.

The benefits:

- Uniform, fast drying.
- Fully effective crop inversion.
- Unrivalled uniform distribution.
- Exceptional ground adaptation.
- Minimum distance to centre of gravity on mounted tedders for reduced lift requirements.
- Reduced power requirements.

Pitch angle Difference in height between front and rear rotors	Flat angle 24 cm	Aggressive angle 40 cm
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 %

<b>Pitch angle Difference in height between front and rear rotors</b>	<b>Flat angle 24 cm</b>	<b>Aggressive angle 40 cm</b>
Average drying speed Increase in D.M./hour rate	1,33 %	1,98 %
Theoretical drying time to obtain 30% D.M.	7 hours	4,7 hours

## **Headland Lift Control (HLC)**

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 in headland areas.
- Reverse on uneven ground without picking up impurities (soil, stones) due to components touching the ground.

## **Great ground contouring**

Benefits of the GF 1012 and GF 1012 T series:

- Individual pivot between each rotor.
- Asymmetrical tines.

Result: excellent forage turning and ground contouring including in hilly areas.

## **Asymmetrical tines that fully work the crop**

When it comes to tines, nothing is left to chance:

- *Top quality raw material.* KUHN tines are designed to resist hundreds of thousands of cycles. This provides hundreds of hours of work before they need to be replaced!
- *Asymmetrical tine finger length for a clean pick-up.* The longer outer finger moves into the forage earlier for a complete tedding operation. With this system, the actual working width of each rotor (therefore the machine) is larger.
- *Four coils and specific attachment system to the arms.* Metal tine guards prevent accumulation of debris around the coils.

## **The DIGIDRIVE system: legends in the making**

Tedding as we knew it was to change when KUHN invented the DIGIDRIVE system:

- A large number of rotors driven.
- Unrivalled compactness when folded.
- Optimal ground contouring.

The bonus: no maintenance!

Maximise time in the field, minimise time in the workshop.

More than 150,000 machines are now at work across the world tedding hay with exceptional reliability, including the large working widths of up to 17 m!

## Stable on roads - couple to a small tractor

### *MOUNTED MODEL*

The patented linkage system between the headstock and the beam ensures:

- Ideal road suspension.
- Perfect stability in turns and at work.
- Just the right load transfer between the machine and the tractor.

Width and height do not exceed classic road dimensions:

- 3 metres in width.
- 3.35 and 3.65 metres in height for the GF 8712 and GF 10812 respectively.

Plot access is easy with the shorter length and substantial under-rotor clearance.

### *TRAILED MODEL*

One of the most compact transport positions on the market:

- 3 metres in width.
- 3.15 and 3.30 metres in height for the GF 8712 T and GF 10812 T respectively.

Very easy to handle, travel is made easy.

The 3-point linkage system and the cleverly placed transport wheels provide just the right load transfer between the machine and the tractor for rotor lift during windrow crossing and 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.





***For More Information Contact Your Local Kuhn Dealer or  
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