

GF

Gyrotedders

Two and four rotor models



HAY MAKING AT ITS BEST!



KUHN

Gyrotedders

Meeting the needs of tomorrow's farmer today. KUHN, the world leader in rotary tedders, continues to provide farmers with Gyrotedders that speed drying and productivity while reducing losses in the field.

KUHN Gyrotedders:

- Preserve the nutritional value of hay with gentle tedding - higher quality hay that ultimately increases profits.
- Expand productivity with extended working widths and high capacity while maintaining maneuverability - reduce operating costs in the field
- Benefit from a long list of useful innovations such as DIGIDRIVE™ multiple finger couplings - increase the service life of the machine and reduce maintenance costs.
- Quality and reliability from the world's leading manufacturer of rotary tedders - solid support and a high resale value.

When the goal is to produce high quality hay in the least amount of time the best solution is a KUHN GF Gyrotedder.





GF 5001 THA

Rugged construction and simple operation!

3

The GF 22 Gyrotedder with a working width of 8'6" (2.6 m) is an ideal tedder for working on farms with small fields or with low horsepower tractors. The GF 22 utilizes the same 6-tine arm rotor construction that is used on KUHN'S largest tedders for flawless tedding and long life. The GF 22 is available as a 3-point mounted (NP), or as a trailed model (NT) to meet any farm's requirements.



TECHNICAL SPECIFICATIONS	GF 22 NP	GF 22 NT
Working width (DIN) (m/ft)	2.60/8'6"	2.60/8'6"
Number of rotors	2	2
Number of tine arms per rotor	6	6
Rotor drive	Direct	
Hitch type	3 pt, Cat. 1	Drawbar
Balloon tires	15x6.00-6	15x6.00-6
Machine net weight (kg/lbs)	220/484	225/495



Easy adjustment

On the trailed GF 22 NT, rotor pitch angle is adjusted using the crank handle. On the 3-point GF 22 NP, adjustment is done with the tractor's top link. This enables tedding quality to be optimally adjusted to varying conditions.



Compact and locked for transport and storage

The width of the GF 22 is reduced to 8'6" (2.6 m) by simply folding up the left safety guard and pivoting two tine arms. To insure safety, folding the guard automatically locks rotor movement.

The Gyrotedder with the ideal mix of economy and capacity !

5

The GF 440 T, with a working width of 12'2" (3.7 m) is ideally sized for operations behind a 4 disc or 5 disc mower. The GF 440 T is also well suited to ted one windrow from a large mower conditioner (12' to 16') on farms that occasionally require the use of a tedder, but where the cost of a large tedder is unjustified.



Outer rotor drive

Heavy duty, yoke and pin couplers drive the outer rotors. An automatic locking device locks the outer rotors in place for work and transport.



Easy adjustment

Rotor pitch angle is adjusted using the crank handle. This enables precise adjustment of the tedder to match all conditions.



Adjustable wheels

A feature on KUHN'S largest tedders, the GF 440 T is fitted with adjustable wheels. These adjustments allow normal tedding, left or right oblique tedding (for field edges), road transport, and storage maneuvering.

TECHNICAL SPECIFICATIONS

GF 440 T

Working width (DIN) (m/ft)	3.70/12'2"
Number of rotors	4
Number of tine arms per rotor	4
Rotor drive	Heavy duty, yoke and pin couplers
Hitch type	Drawbar
Balloon tires	15x6.00-6
Machine net weight (kg/lbs)	295/649



Easier attachment

A lever unlocks the tongue allowing the tongue to pivot freely up and down. This simplifies attachment and is also used during transport.



Transport

For transport, both outer rotors can easily be folded to the rear, minimizing the overall width for transport and storage.



Duplex gearbox (option)

Used to form two small windrows behind the GF 440 T. This option is commonly used in areas where excessive moisture from dew can form on the hay overnight.

KUHN's most popular Gyrotedders!

7

The GF 5001 T and GF 5001 THA offer many farmers the perfect mix of price and capacity. Fitted with 4 rotors, each with 6 tine arms, these tedders provide efficient tedding regardless of the forward speed. Particularly adapted for small and medium sized tractors. Articulated frames enable quality tedding over the most irregular ground. Transport and storage dimensions are also reduced to a minimum by the folding outer rotors. The GF 5001 THA is fitted with standard hydraulic vertical fold combined with automatic rotor tilt.



DIGIDRIVE™

Exclusive rotor drive system using forged, heat-treated, multiple finger steel couplings.

TECHNICAL SPECIFICATIONS	GF 5001 T	GF 5001 THA
Working width (DIN) (m/ft)	5.00/16'5"	5.00/16'5"
Number of rotors	4	4
Number of tine arms per rotor	6	6
Rotor drive	Exclusive DIGIDRIVE™ rotor drive couplings	
Hitch type	Drawbar	Drawbar
Balloon tires	15x6.00-6	15x6.00-6
Machine net weight (kg/lbs)	448/985	431/950
Machine net weight	Manually folded to the rear	Hydraulic vertical fold with automatic tilt



GF 5001 T: No need for hydraulics

As a strictly trailed tedder, the GF 5001 T can be used with tractors with limited or no hydraulic capacity. For transport, both outer rotors of the GF 5001 T can be folded to the rear. The machine is trailed in a lengthwise transport position.



Hydraulic vertical fold combined with automatic rotor tilt

When changing from the field to transport position the outer rotors of the GF 5001 THA are raised hydraulically from the tractor seat. As this operation takes place the rotors automatically tilt back to raise the tines eliminating the need to manually raise the tines for transport. For additional safety and reduced width the outer rotors pivot inwards, an exclusive feature of certain KUHN tedders.



Top of the line, 3-point Gyrotedder, features all of KUHN's refinements

9

The GF 5001 MH Gyrotedder is fitted with the latest improvements: hydraulic folding and unfolding, automatic pivoting 3-point hitch, safety locking device released from the tractor cab, DIGIDRIVE™ couplings, rotors with 6 tine arms, simple and easy rotor pitch angle adjustment, and a working width of 16'5" (5.0 m).



DIGIDRIVE™

KUHN's exclusive drive system using forged, heat-treated, multiple finger steel drive couplings.

TECHNICAL SPECIFICATIONS

GF 5001 MH

Working width (DIN) (m/ft)	5.00/16'5"
Number of rotors	4
Number of tine arms per rotor	6
Rotor drive	Exclusive DIGIDRIVE™ drive couplings
Hitch type	3 pt., Cat. 1 & 2
Balloon tires	15x6.00-6
Machine net weight (kg/lbs)	513/1129



Comfort and safety

The folding/unfolding of the outer rotors, as well as the release of the safety lock, is made from the tractor seat.



Capacity

The working width of the GF 5001 MH Gyrotedder will ted up to 3 swaths from a 5 disc mower or 2 windrows from mower conditioners up to 12' (3.6 m) without the tractor running over the crop.



Versatile wheels

Wheels are adjustable in height with an eccentric cam. By simply moving a lever, the tedding angle is adjusted to changing conditions. Wheels can also be set to work in oblique position for field borders along hedges or fences.



Rotors pivot 180°

For transport, storage, and improved safety the outer rotors pivot 180°. With the tines facing inwards not only is the transport width reduced but the tedder presents a much safer profile.

User-friendly operation and quality tedding

11

GF 5202 THA: Kuhn's largest 4 rotor gyrotedder. A high capacity tedder designed particularly to handle long and heavy crops. The GF 5202 THA tedder has been designed for easy operation and increased productivity, adjustment from work to transport position and back is accomplished without leaving the tractor cab, in addition increased stability is provided for high speed transport behind modern tractors.



Close tedding



Clean tedding

Featuring asymmetrical tines so that both tines will be set to the same height above the ground

- cleaner crop tedding with less risk of ground contact,
- longer tine service life.



Large dimension tires

The SUPERBALLOON tires provide high flotation and smooth operation over ground contours.



High capacity

With 7 arms per rotor and 4 rotors, even the largest windrows are spread efficiently.

SPECIFICATIONS

GF 5202 THA

Working width (DIN) (m/ft)	5.20/17'1"
Number of rotors	4
Number of tine arms per rotor	7
Rotor drive	exclusive DIGIDRIVE® couplers
Type of attachment	Drawbar
Tires	Superballoon 16X6.50 - 8
Weight (kg/lbs)	530/1170



Easy maneuverability and transport



Faster crop drying

The optimum rotor pitch angle is used to effectively separate and turn crop to allow for maximum exposure to sunlight and air.



In-cab work/transport position setting

As with the KUHN GF 5001 THA, the GF 5202 THA tedder features hydraulic vertical fold combined with automatic drawbar tilt.

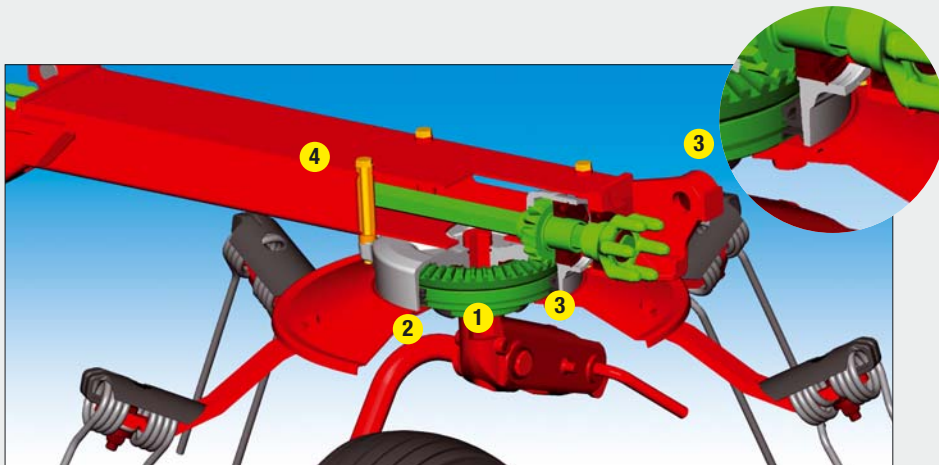


Safe transport

A wide wheel track and long drawbar provides increased stability at higher transport speeds while maintaining excellent manoeuvrability whilst in the field.

New HD rotor gearboxes

- 1 The new gearboxes have been designed to provide high reliability and long service life thanks to well dimensioned drive components and bearings,
- 2 No maintenance thanks to lubrication by fully-enclosed grease bath,
- 3 No risk of foreign material entering the gearbox thanks to reinforced sealing,
- 4 Gearboxes firmly fixed on the frame by means of welded spacers and long connecting bolts.



Strong features that lead to quality tending

13



DIGIDRIVE™

multiple finger couplings

The rotors of all "1001 and "1002" series Gyrotedders are driven with the exclusive DIGIDRIVE™ system, developed and patented by KUHN.

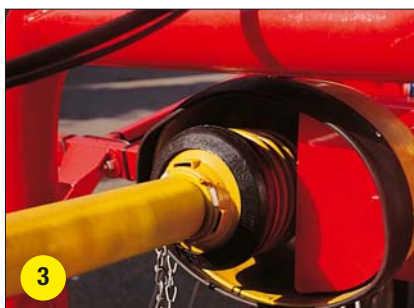
- The DIGIDRIVE™ coupling consists of two multiple finger couplings made from forged, casehardened, heat-treated steel. This design and construction is extremely wear resistant and provides a phenomenally long life.
- The smooth power transmission of the DIGIDRIVE™ system provides constant velocity and power transmission under field operations.
- The key feature of the DIGIDRIVE™ system is the ability to fold up to an angle of nearly 180° without damage even if the PTO is inadvertently engaged.



Opt for quality tending...



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2



4

1 Articulated frame follows field contours

2 High quality tines for maximum service life. The tines used on Kuhn Gyrotedders feature 4 large diameter coils and must meet extremely stringent quality standards. In addition to heat treatment Kuhn tines undergo an additional special process which substantially increases resistance to fatigue. The test requirement of Kuhn tines is to withstand at least 180,000 full flex cycles on a test bench. All genuine KUHN tines bear the KUHN stamp.


3 2-speed reduction gearbox for making night windrows (excludes GF 22 NP/NT). Is available to make small windrows in order to limit the exposure of crop to dew and rain.

4 Rotor pitch angle and tine height adjustment is made on mounted Gyrotedder's by using the top link and on trailed Gyrotedders by using the adjustment crank: the tedder is adjusted to pick up the maximum amount of crop while minimizing ground contact.






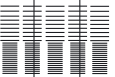

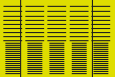






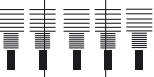


















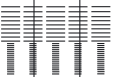






























How to properly match a KUHN tedder to a KUHN mower or mower-conditioner without running over the swaths

 Recommended combinations.

 Swaths from standard GMD disc mowers or FC mower-conditioners with swath doors open.

 Swaths from GMD disc mowers with swath reduction kits or FC mower-conditioners (*) with swath doors closed.

 Swaths from front mounted GMD disc mowers or FC mower-conditioners.

			GF 22	GF 440	GF 5001	GF 5202
1,60 m	5'3"	GMD 44 SELECT GMD 400				
2,00 m	6'7"	GMD 55 SELECT GMD 500				
2,40 m	7'10"	GMD 66 SELECT GMD 600 GII GMD 602 GMD 602 F				
2,80 m	9'2"	GMD 700 GII GMD 702 GMD 702 F				
3,10 m	10'2"	GMD 800 GII GMD 801 GMD 802 F				
DISC MOWERS						
GYROTEDDERS						
MOWER-CONDITIONERS						
2,00 m	6'7"	FC 202				
2,40 m	7'10"	FC 243				
2,50 m	8'2"	FC 250				
2,80 m	9'2"	FC 283 FC 280 F				
3,00 m	9'8"	FC 302				
3,50 m	11'6"	FC 352				
4,00 m	13'1"	FC 4000 ALTERNA 400				
5,00 m	16'5"	ALTERNA 500				

How to match tedders and mowers

Refer to the above table to select the correct tedder width to match your mower or mower-conditioner. Find a tedder size that will maximize productivity while eliminating double coverage and avoid running over swaths.

(* Note : A GF 5001 series tedder will ted two windrows at a time behind mower conditioners from 9' to 12' (2.8 m to 3.5 m) width, without driving on the crop. This is accomplished when narrow windrows are formed with the mower conditioner and the tedder is driven between two windrows.

TECHNICAL SPECIFICATIONS

GF 22 NP
GF 22 NT
GF 440 T
GF 5001 T
**GF 5001
THA**
**GF 5001
MH**
**GF 5202
THA**
**GF 7802
THA**

Hitch type	3 pt. Cat. 1	Drawbar				3 pt. Cat. 1 and 2	Drawbar	
Number of rotors	2		4				6	
Number of tine arms per rotor	6		4	6			7	
Wheel height adjustment	-	-	Standard	-	Standard	-		
Wheel adjustment for tedding in oblique position (right/left)	-	Standard		-	Standard	-		
Balloon tires	5 x 6.00-6					Superballoon 16 x 6.50-8	16 x 6.50-8 on the ends 18 x 8.50-8 in the middle	
Width in working position (m/ft)	3.10/10'2"		4.00/13'1"	5.43/17'8"			6.00/19'8"	8.85/29'
"DIN" working width or tedding width (m/ft)	2.60/8'6"		3.70/12'1"	5.00/16'5"			5.20/17'1"	7.80/25'7"
Width in transport position (m/ft)	2.40/7'1"		2.50/8'2"	2.80/9'2"	2.85/9'4"		2.99/9'10"	
Manual fold to the rear for transportt	-		Standard		-			
Hydraulic vertical fold	-				Standard			
Hydraulic automatic drawbar angling	-			Standard	-	Standard	Standard	
DIGIDRIVE™ rotor drive couplings	-			Standard				
PTO with torque limiter	Standard							
PTO HP/Kw requirement	15/11			20/15				26/35
Machine net weight (kg/lbs)	220/484	225/495	295/649	448/985	431/950	513/1129	530/1170	850/1875
Reduction gearbox for night windrows	-		Optional equipment				-	
Tine safety strap	Optional equipment							
10,100 lb. transport safety chain (for trailed models only)	-	Optional equipment		Standard			Standard	
Transport light kit	-		Optional equipment	-		Optional equipment	Standard	

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