

KRETTNER



The 300^{plus} series



Know-how and experience provide the basis for innovative solutions and superior quality. For more than 100 years we have produced and marketed the best possible technology for professional users – worldwide.

For us, “Made in Germany” is more than just a label. On a site extending over 100,000 m² in the Münsterland region, KEMPER employs a staff of about 250. Product development, customer care and production are closely linked in our company. This is what guarantees continuous further product development.

Good harvest – good all round.

›Success through continuity‹ is the motto at KEMPER, the No. 1 in row-independent harvesting headers.



More information:
www.kemper-stadtlohn.de

Company site in Stadtlohn



The headers of the 300^{plus} series cut quickly and thoroughly at a high speed of rotation.

Up to 12 cutting rotors permit use with a very wide range of crops – regardless of the row spacing.

Thanks to this row-independent harvesting technology, the field can be worked from any side, which is particularly important for down crop.

The even feeding of the harvested crop lengthwise to the chopper unit, and the tidy bundling in the special step feeder drums, permit full utilisation of your harvester. The 300^{plus} series offers highest productivity with maximum chopping quality whatever the width of the chopping drum.



■ 345^{plus}

Even the smallest delivers high capacity.
4.50 m working width,
width for transport 3.00 m.

■ 360^{plus}

The base machine for profitable work.
6.00 m working width,
width for transport 3.00 m.

■ 375^{plus}

Easily serviced – with low wear costs and minimum servicing effort.
7.50 m working width,
width for transport 3.00 m.

■ 390^{plus}

More innovation would be impossible – the solution for a huge variety of crops.
9.00 m working width,
width for transport 3.30 m.

Professional – from every angle.

The right working width for every harvester, from agricultural to industrial use.



Whether for small dairy farms ...



... or for biogas installations.



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Small sloping conveyer drums in front of the feed rollers ensure active crop transport in the lower part of the material flow.



The mechanical lateral tilting frame is available as standard equipment.



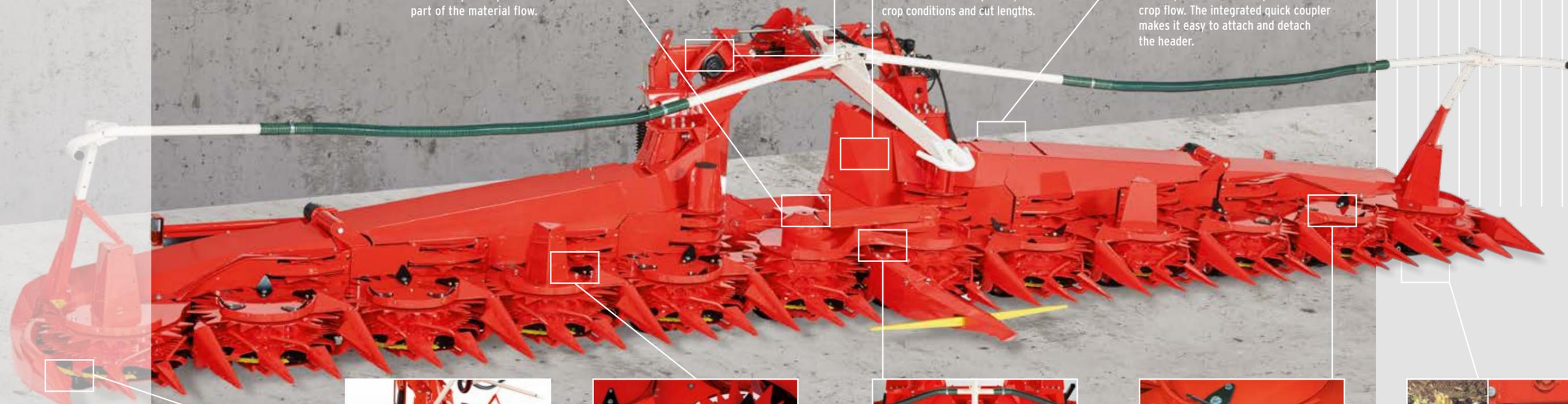
The 2-speed gearbox allows the header to be optimised, so as to react flexibly to any crop conditions and cut lengths.



The multi speed gearbox offers more header speeds for various length of cut. The 4 speeds assure an optimised smooth crop flow. The integrated quick coupler makes it easy to attach and detach the header.



The universally applicable KEMPER header have impressively low weight and short, compact construction. Fast-running saw rotors cut the crop cleanly. Low-maintenance conveying drums bundle the material and feed it optimally to the chopping drum. All the gears are protected by zero-maintenance safety clutches.



9 m innovation.

The ideal header for harvesting thin-stemmed crops.



Special, low-level external crop dividers allow down crop to be picked up more effectively.



The header is open to the underneath, leading to a self-cleaning effect.



Optimum utilisation of the wide chopping drum is permitted through the enlarged intake channel. For this reason, the stepped feeder drums are located further to the outside.

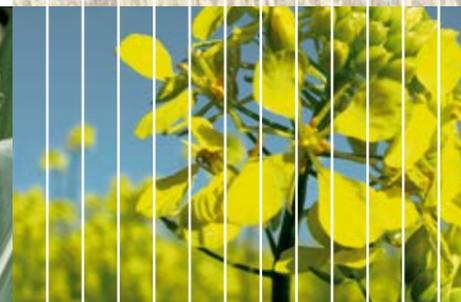


Bolt-on, easily exchanged scrapers ensure optimum function of the header - for user-friendly servicing.



Breaking up the sharp-edged maize stubble helps the tyres of the harvester, and ensures faster decomposition.





Wide versatility.

The KEMPER
300^{plus} series:
ready for use
in any season.

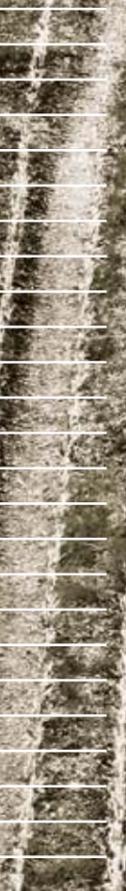
High profitability and a wide range of uses are the marks of the KEMPER headers. Many thin-stemmed crops for animal feed or the production of biogas can be harvested, even under very difficult harvesting conditions, a row-independent harvesting system with fast-running rotors allows uninterrupted cutting over the full working width. The cutting rotors, with exchangeable segments and special scrapers, provide the conditions for the best possible harvest.

More information:
www.kemper-stadtlohn.de





A hero in the field.



Safe and secure – must be Kemper.

The driver does not need to leave the cab any more.

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Integrated lights are automatically connected with an electric coupler.



Fully automatic folding of the two side covers.



The wheel is parked while chopping, no extra weight carried on the header.



It is not only in the field that the 300^{plus} series is an innovation: the headers have important advantages on the public roads.

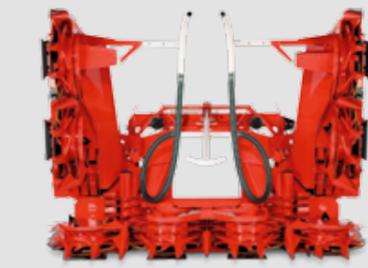
The comfort support wheel automatically ensures maximum safety and meets with the most stringent road traffic regulations. The driver has a perfect view of the road. Easy turning and optimised weight also simplify transport. When the machine is folded, two safety covers are automatically put in place on both sides of the machine. The integrated lights are

automatically connected, too. Uncomfortable manual attaching and detaching now belong to the past. This helps to save valuable time – the driver does not need to leave the cab. The SPFH is very quickly ready for chopping, which results in increased productivity.

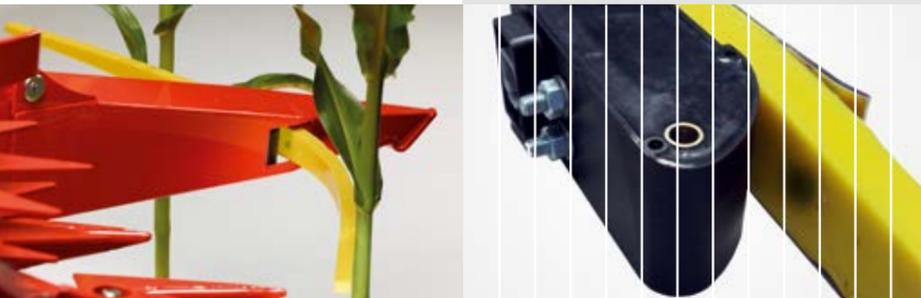
The comfort support wheel is offered for 8, 10 and 12 row, 300^{plus} series headers for attachment to Claas SPFH.

On course for success.

The low width during transport and the clever folding of the header allow for a perfect view.



The new sensor in the central crop divider assists steering.



A magnet is embedded in the plastic. The black sensor measures the distance, and obtains a steering signal.

The bonus in equipment.

Stress-free operation – thanks to the automatic row guidance with the new KEMPER sensor.



- Increased working speed thanks to automatic row guidance
- Lower stress on the driver, bringing improved performance
- Full driver-concentration on what is important
- The harvester does not lose its track even when a row is missing
- Innovative software compensates for missing signals
- Low-wear, zero-servicing design of the steering system



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The electro-hydraulic lateral tilting frame provides ideal adaptation to the ground and an even chopping pattern, particularly on hillsides or over stony ground.



The sensor integrated into the crop divider can move vertically and horizontally. Uneven ground or stones cause it to move, and generate pulses.

The pulses from the sensor are used by the harvester software to control the hydraulic cylinder in the lateral tilting frame, generating vertical and horizontal adjustments.

Over hill and dale.

Electro-hydraulic lateral tilting frame – for optimum adaptation to the ground, even under extreme conditions.

- Active ground adaptation and regulation of the attachment height
- Active regulation using a sensor in the outside tips
- Adjustment by hydraulic cylinder
- Constant harvesting of any desired stubble length
- Minimisation of the feed contamination
- Reduced wear costs and less servicing work



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The machine's name was not chosen by chance, since the 300^{plus} series offers substantial advantages to the user, comparing particularly well with direct cutting heads ...



One advantage after another.

Versatile - "One for all"

Superior cut quality for the whole range of thin-stemmed plants.

Efficient - "One for the lead"

Optimum transport, even for very high-performance harvesters.

Universal - "One for everywhere"

Top performance even and difficult harvesting conditions and with flattened crops.

Low-maintenance - "One for always"

All gears have integrated safety clutches.

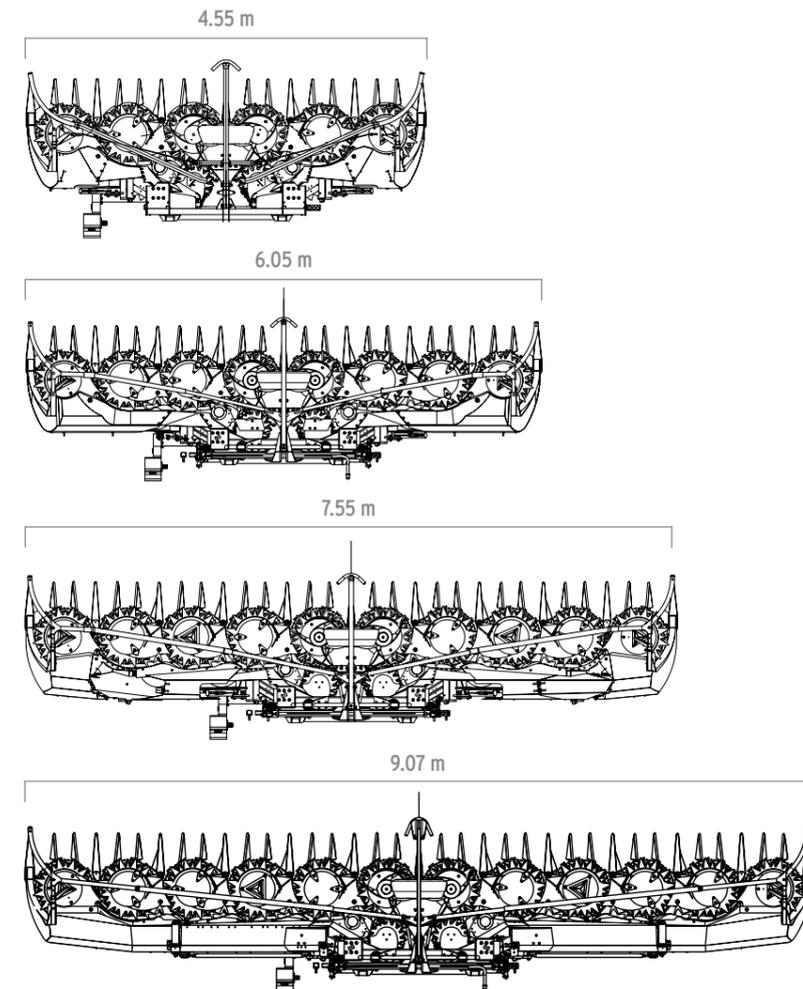
The extra in potential uses.
The extra in performance.
The extra in customer benefit.



The supply of original spare parts ensures optimum function and service life, completing the range of our services.



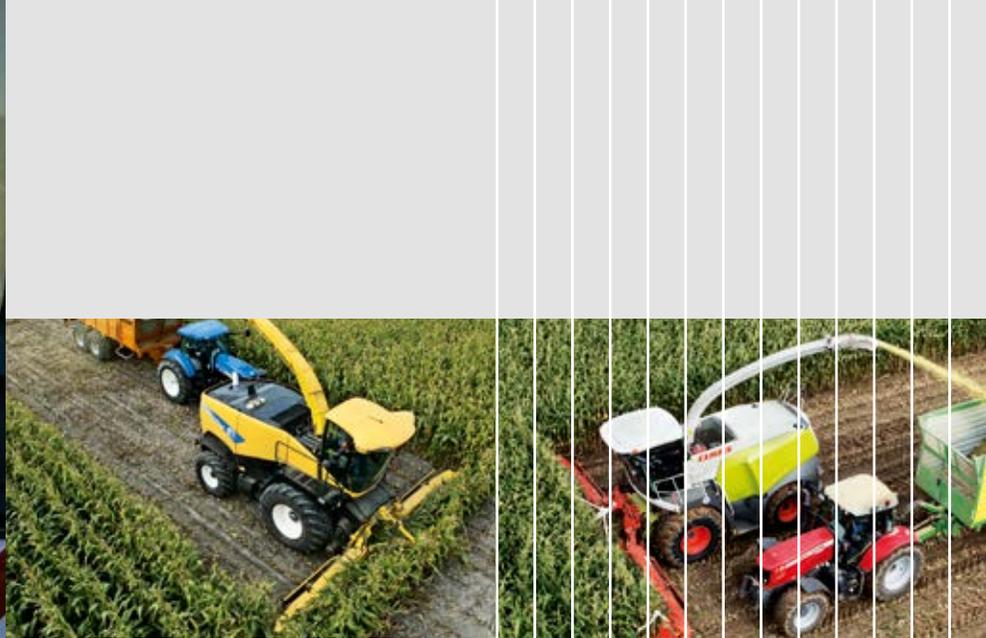
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Technische Daten im Überblick

	345 ^{plus}	360 ^{plus}	375 ^{plus}	390 ^{plus}
Length (m)	1.60	1.60	1.60	1.60
Total width (m)	4.55	6.05	7.55	9.07
Height (m)	1.60 (1.85)	1.36 (2.26)	1.40 (2.30)	1.40 (2.50)
Working width (m)	4.50	6.00	7.50	9.00
Transport width (m)	3.00	3.00	3.00	3.30
Weight (kg)	2,050	2,535	3,250	4,000

- Perfect utilisation of the field harvester whatever the width of the channel or motorisation
- Optimum harvesting, even under difficult conditions and down crops, thanks to intelligent, robust, detailed solutions in the header
- Perfect view of the road thanks to clever folding
- Easy transport through low transport width
- Integrated street lighting guarantees greater safety (from 375^{plus} onwards)
- Reduced ground pressure through low weight
- Good manoeuvrability thanks to short, compact construction



A KEMPER for everyone.

Well above 30,000 units have been sold since the market launch in 1986. In addition to the row-independent headers, the range of products also includes transport equipment for headers, row-independent forage harvesters, grass pick-ups and combine maize headers.



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