

LEAP



The 300^{plus} series



More information:
www.kemper-stadtlohn.de

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.

Company site in Stadtlohn



Good harvest – good all round.

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

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.



■ 360^{plus}

Even the smallest delivers high capacity.
6.00 m working width,
width for transport 2.98 m.



■ 375^{plus}

Easily serviced – with low wear costs and minimum servicing effort.
7.50 m working width,
width for transport 3.30 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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Lower sloping conveyor drums in front of the feed rollers ensure active transport in the lower part of the material flow.



The mechanical lateral tilting frame is available as standard equipment.



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.



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



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.



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.







A hero in the field.



On course for success.

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



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Pick up the wheel easily and quickly,
without having to get down from the cab.



Capture the wheel with
the central guide bracket.



Fold all the way in, automatically lock,
lower the wheel and away you go.



It is not only in the field that the 300^{plus} series is an innovation: the headers have important advantages on the public roads. Thanks to the integrated lighting and the fold-in wings (from the 375^{plus} on), the driver has a perfect view of the road. Easy turning and optimised weight also simplify transport.

For the 360^{plus}, 375^{plus} and 390^{plus} headers a supplementary bogie to reduce the axle loadings is optionally available for use in combination with the Claas 900 series.



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.

Over hill and dale.

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



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.

- Active ground adaptation and regulation of the attachment height
- Active regulation using a sensor in the outside tips
- Adjustment by hydraulic cylinder
- Consistent harvesting with tall stubbles
- 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 ...

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.

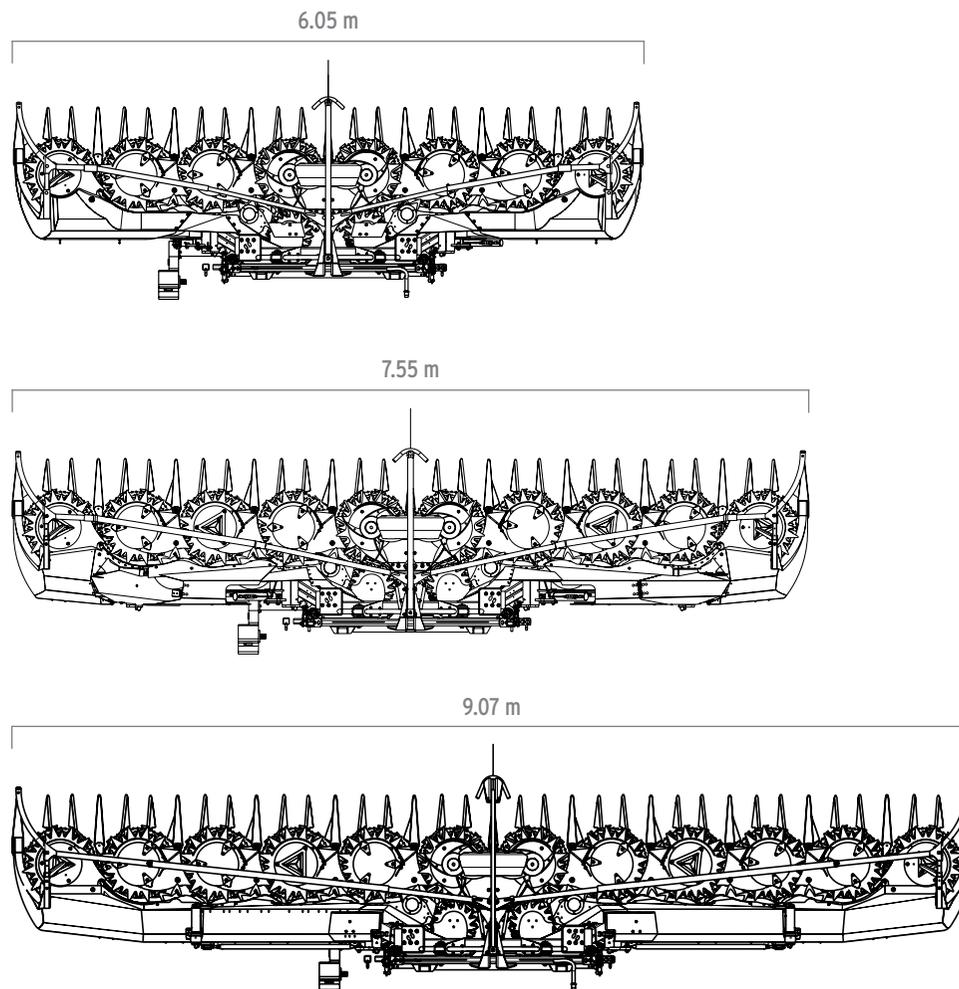


One advantage after another.

The extra in potential uses.

The extra in performance.

The extra in customer benefit.



Technical data summary

	360 ^{plus}	375 ^{plus}	390 ^{plus}
Length (m)	1.60	1.60	1.60
Total width (m)	6.05	7.55	9.07
Height (m)	1.36 (2.26)	1.40 (2.30)	1.40 (2.50)
Working width (m)	6.00	7.50	9.00
Transport width (m)	3.00	3.30	3.30
Weight (kg)	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

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



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A KEMPER for everyone.



Well above 20,000 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.



Maschinenfabrik KEMPER GmbH & Co. KG | Am Breul | D-48703 Stadtlöhn | Germany

Telephone: +49 (0) 2563-88-0 | Fax: +49 (0) 2563-88-3199 | info@kemper-stadtlahn.de | www.kemper-stadtlahn.de