



THE SKY IS THE LIMIT.

Forager headers

445 | 460^{pro} | 460^{pro} StalkBuster | 475^{pro} | 490^{pro}

QUALITY THAT PAYS OFF.

Only a few factors come into play when buying a new header:

- ✓ Your header should be as versatile as possible and sufficiently reliable in all crop types.
- ✓ It should meet your expectations with regard to ease of operation and durability.
- ✓ It should offer a high resale value.

Good reasons for our headers being the first choice worldwide. Every other forage harvester uses a Kemper header, and numbers are increasing.



Great for dairy farms
Great for anaerobic digesters...



SUITED FOR ANY APPLICATION.

Every farmer has different requirements.

With a Kemper header, you are well prepared for any challenge. Each header is designed for virtually all harvesting conditions and can be individually adapted to different needs:

- Varying crop types
- Varying cutting lengths
- Varying row spacings
- Very short or tall stubble
- Standing or down crops

Choosing a Kemper header means you are getting ready for a smooth harvest, particularly in difficult conditions.

THE DIFFERENCE IS IN THE DETAIL.

Ready for work in every season.

Reliable crop feeding
Optimised feeder channel design and outstanding reverser functionality for even more performance.

Narrower tips
Guide elements for a perfect stubble and even feeding



 **Everything under control**

The patented finger attached to the tine is used to feed the maize plant deep into the drum and hold on to the crop.

Even more flexible

The adjustable guide tube tip is suited for any row spacing.

High-precision height sensors

Electronic active header height and lateral float control.
Flat angle for consistent harvesting.
Minimised crop contamination.

ALL'S WELL IF YOUR HARVEST GOES WELL.

Get the most out of your forager. All components are extremely robust.

Whether high-yielding crops, crop mixes or brittle stalks, your 400^{pro} will pick up anything that comes its way. Reduced number of transition points for perfect guidance.

WIDE VERSATILITY.

The Kemper 400 series: ready for work in every season.

High levels of profitability and wide versatility are among the key features of every Kemper header. Many thin-stalked crops cultivated for feed or biogas production are suitable for a harvest with Kemper headers. Even in the most challenging conditions, a row-independent harvesting system with high-speed cutting rotors enables trouble-free cutting action across the entire working width. The saw-type rotors have replaceable tooth segments and dedicated cleaner fingers to lay the foundation for optimum harvest results.

Uniquely adaptable.

Different crop types present different challenges. Often enough, plants get tangled up or have a tendency to wrap around machine parts. The open design of a Kemper header enables crop residues to fall to the ground ensuring a free crop flow and no blockage inside the header.



For extremely dusty conditions.



Wide versatility.



Even in wet crops.



Maize



Grain crops



Miscanthus



Hemp



Millet/sorghum



Rye/vetch mix



Sunflowers



Cup plant (silphium perfoliatum)



Maize-bean mix



EVEN IN CROPS TALLER THAN YOUR CAB ROOF, THE 400^{PRO} HEADER IS SURE TO DELIVER THE DESIRED RESULT.

- Active header control using drag rod sensors located in the end tips.
- Flat angle for consistent harvesting.
- Minimised crop contamination.
- Low wear cost and reduced maintenance.



Watch our machines in action.

FOR EXTREMELY TALL CROPS.



A HERO IN THE FIELD.

KEEPS UP THE PACE WHEN PUSH COMES TO SHOVE.

Extreme harvesting conditions such as down maize, tangled crops or continuous rainfall can really wear you out. Farmers simply don't like counting their losses. But what can you do when conditions are challenging?

Well, simply rely on the Kemper engineers' experience. They put each header through the toughest of ordeals, making sure to come up with the perfect solution for each challenge encountered.



In down maize, the header's low-profile design ensures all plants are gently drawn onto the large feed drums and safely fed into the forager. This reduces blockages and eliminates the need for reversing the header.



Reducing the use of crop protection products may lead to increased weed pressure on your crop. Our high-speed knife rotors master such challenges with ease.

445 - SIMPLY RELIABLE

The proven header for harvesting thin-stemmed crops.



VERSATILE APPLICABILITY.

The proven header for harvesting thin-stemmed crops. The 445 header has a rotating intake mechanism comprising four intake drums and two feed drums characterised by a straightforward and robust design.

STRAIGHTFORWARD AND ROBUST.

More than 15,000 customers have chosen this model, which reveals the full extent of its performance in down maize as its height-adjustable down-maize tips and its down-maize augers ensure a smooth intake of the crop.

Learn more
about the 445!



460^{pro} – HIGH AMBITIONS.

The powerful header for harvesting thin-stemmed crops.

POWERFUL PERFORMANCE FOR A CHALLENGING HARVEST.

Our multiple-use headers offer a particularly low weight. The high-speed saw-type rotors provide a clean cut as the transverse feed drums ensure the crop is neatly consolidated and fed to the chopping drum.

Four identically sized drums for direct crop feeding.

This is the 460^{pro} header's hallmark, ensuring the crop type is safely fed to the forager regardless of the crop type. The torque limiters are integrated in the oil-immersed gearbox.

Learn more
about the 460^{pro}!





460^{PRO} – STALKBUSTER.

An effective tool for fighting
maize borers.

DESTROYS THE WINTERING GROUNDS FOR EUROPEAN MAIZE BORERS.

The stubble is an ideal place for larvae to survive the winter. Ensuring intense destruction of the stubble is of paramount importance.

Learn more about the
460^{PRO} StalkBuster!



For long-lasting, intense destruction.

The StalkBuster is integrated into the header. It ensures the stubble is intensely shattered before being pushed to the ground by the forager's tyres.

INNOVATIVE TECHNOLOGY.

StalkBuster features:

- A swivel gearbox is integrated into the main frame.
- A cam clutch is used to protect each unit.
- Uniquely shaped flails are used to shatter the stubble completely.
- The spline connection enables the tool-less replacement of the flail within seconds.
- No more than 4 hp of power required per row.
- Quick disassembly if no mulching is needed.
- Enables a transport width of 3.3 metres.
- No more than 600 kg of additional weight.



Air pressure system for a smooth following of the ground contours. Air cylinder integrated in the base frame. Mulching units are automatically raised when backing up the forager.

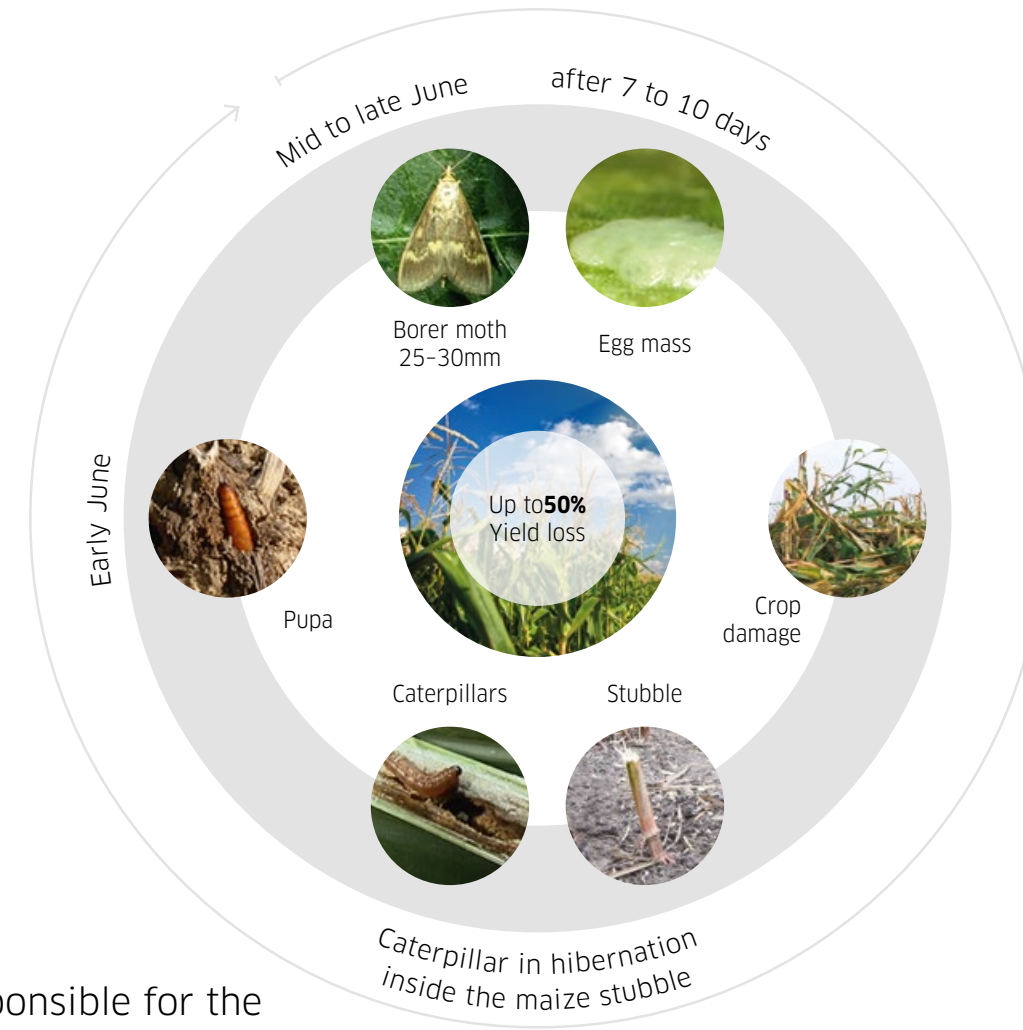


A control valve is used to adjust the flotation pressure of each unit to avoid contact with the ground. The units' independent pendulum suspension ensures precise ground-hugging capabilities.





THE LIFE-CYCLE OF MAIZE BORERS.



DESTROYS THE WINTERING GROUNDS FOR MAIZE BORERS.

The stubble is an ideal place for larvae to survive the winter. Ensuring the intense destruction of the stubble is of paramount importance.

According to the FAO, maize borers are responsible for the destruction of 4% of the global maize field area. An area of this size would be large enough to produce food for roughly 60 million people. The StalkBuster is integrated into the header. It ensures the stubble is intensely shattered before being toppled by the forager's tyres.

* www.amw-nuetzlinge.de ** April 2017: www.lfl.bayern.de/ips/blattfruechte/030323/index.php

475^{pro} – FOR AN EVEN LONGER REACH.

The ideal header for harvesting high-yielding maize crops.



VERSATILE APPLICABILITY.

A proven 7.5m wide header for harvesting thin-stemmed crops. The 475^{pro} header has a rotating intake mechanism comprising four intake drums and two feed drums characterised by a straightforward and robust design.

One of its characteristic features is a pair of small outsidefeed drums used to reliably deliver the crop to the inside toward the large drums.

The sturdy square-tube base frame accommodates the robust gearboxes with their integrated cam clutches.

Learn more
about the 475^{pro}!



490^{PRO} – FULL POWER AHEAD.

Your ideal header for high acreages.



THE TOP OF THE RANGE.

Your ideal header for high acreages. At a working width of 9m, the 490^{PRO} is the largest 400^{PRO} series header. It is characterised by six identically sized drums used to feed the crop into the forager.

Learn more
about the 490^{PRO}!



Optimised crop flow for even more performance. Quick double-fold system for speedy field changes and excellent visibility. Low centre of gravity for safe folding action even on slopes.



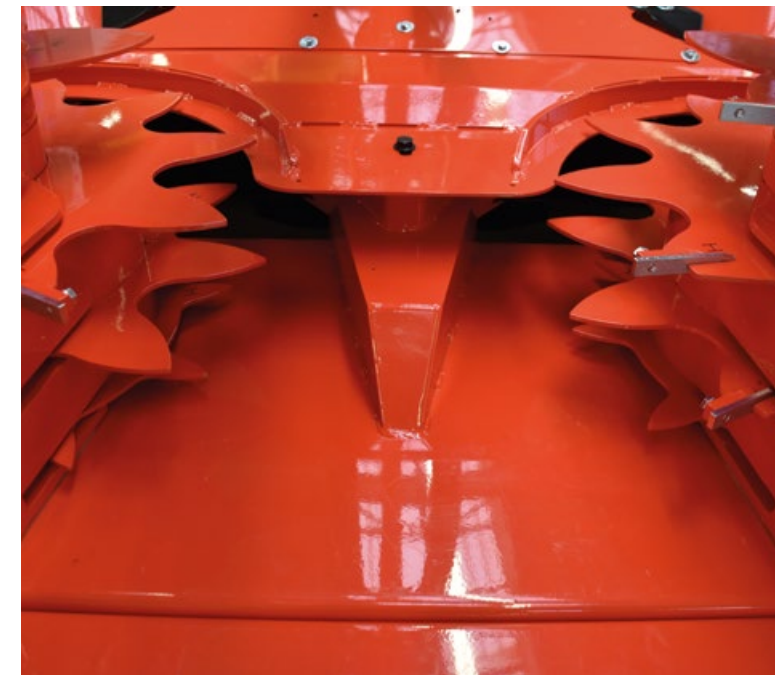
**A NUMBER OF
BENEFITS.**



PERFECT CHOPPING QUALITY

A consistent crop structure begins with your header. Only if the crop is neatly consolidated before reaching the centre of the header, the amount of excessively long stalks and silk will be minimised.

A well-consolidated crop flow ensures precise chopping lengths.



The combination of the stepped, transverse feed drums and a new, contoured bottom plate ensures the crop is distributed uniformly across the full channel width, delivering an even crop flow to all forager components. This way, nothing will slip through.

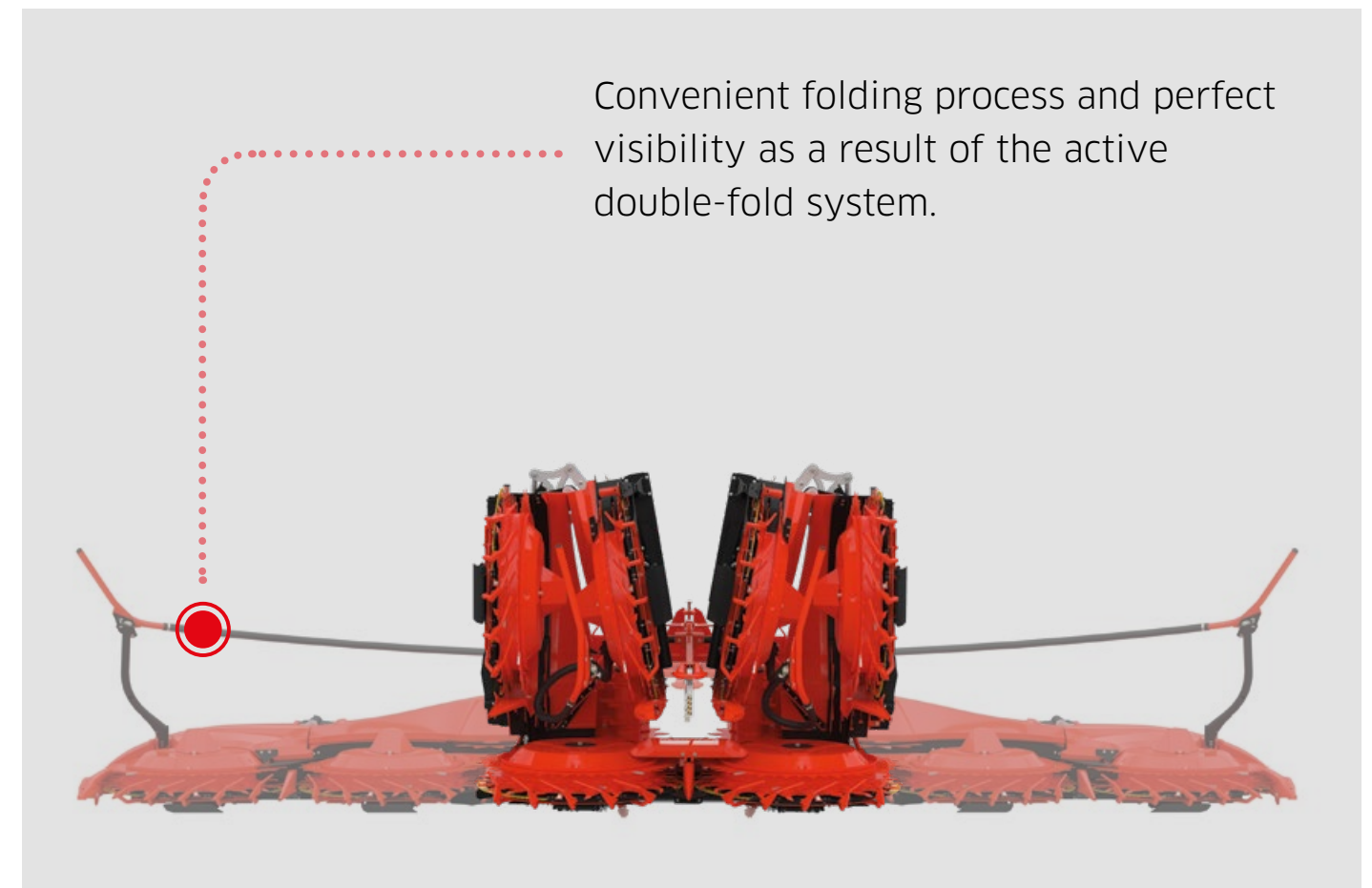


The MultiSpeed four-speed gearbox enables you to adjust the header speed – with or without a variable header drive – easily to any cutting length.

WIDE IN THE FIELD, NARROW AND SAFE ON THE ROAD.

Owners and operators of large harvesting machines bear a great deal of responsibility for road traffic safety.

Kemper is aware of this important fact. Headers of nearly all working widths can be folded up to achieve a transport width of 3 metres (475^{pro}: 3.3m).



Convenient folding process and perfect visibility as a result of the active double-fold system.



The integrated lighting system connects automatically.



Best practise for road travel.

Our convenient auxiliary chassis provides high visibility even from a distance. It can be hitched and unhitched automatically without leaving the cab.

Its sturdy design and oversized wheel ensure a long service life.



USEFUL OPTIONS.

Kemper offers a number of useful options for particular harvesting conditions to make life easier for operators.

Easy on the soil.

The electro-hydraulic flotation system ensures perfect ground-hugging capabilities and creates a uniform stubble.



The steering sensors located in the centre tip are used to guide the header in the required direction.



The rigid stalk lifter tips are useful for picking up down crops.

If the crop is spread across the ground, you may install a dedicated parts kit including height-adjustable tips.



CUTTING-EDGE TECHNOLOGY.

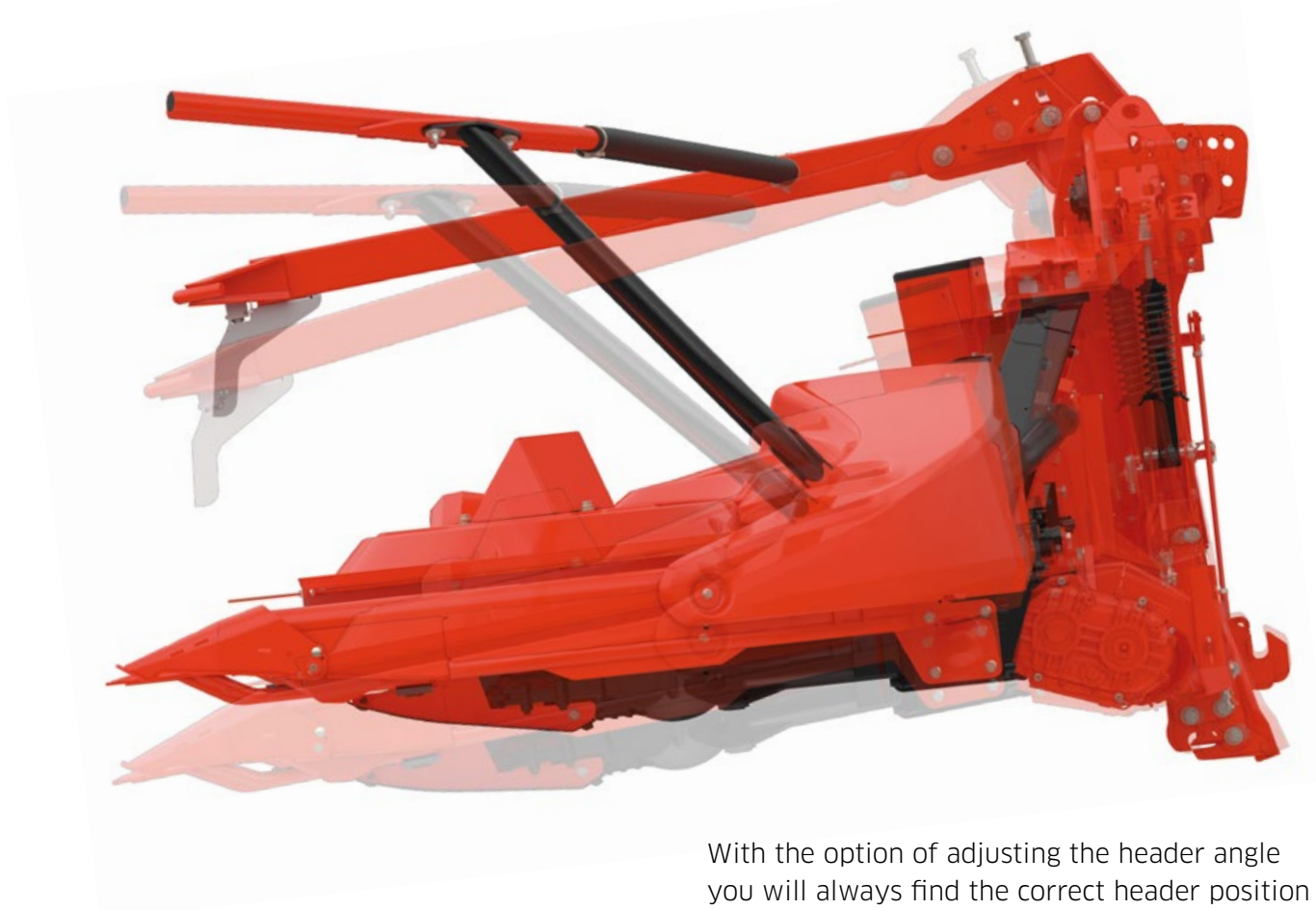
In most cases it makes little sense to cut your crop close to the ground.

The bottom section of the stalk contains low amounts of nutrients and is rich in hard-to-digest lignin. What's more, sand and sticky dirt do little to produce high-quality silage. In scarce crops, however, it may be necessary to run the header close to the ground. With a Kemper header, this is easy to do as the header angle adjustment system achieves a shallow header angle regardless of the tyres you are running.

The header cutting angle can be changed to adjust to varying tyre sizes.

Benefits:

- Steep header angle for down maize
- Flat header angle for a reliable cob intake
- Optimised cutting height



With the option of adjusting the header angle you will always find the correct header position relative to the ground regardless of your tyre size.



The cutting angle is easy to adjust using the adjusting frame.

HIGH VALUE RETENTION. HIGH RESALE VALUE. HIGH PROFITABILITY.

Kemper headers are designed by farmers for professionals.

We know exactly how costly unnecessary wear and downtimes can become.

When developing the Pro series, we made sure to further build on the strengths our Kemper headers have been known for. Our headers are renowned for their high value retention, which we have increased by offering heavy duty versions for a large number of key components to ensure an even longer service life.

Kemper products are the ones you can count on!



While you will probably enjoy buying your machine from Kemper, selling it at the end of its service life is a joy in its own right.



Many components are available as HD versions ensuring an extended service life to avoid unnecessary repairs during or after harvest.

COMPELLING. EVEN IN NUMBERS.

Pro fessional
Pro ductive
Pro gressive



Specifications		445	460 ^{pro}	460 ^{pro} StalkBuster	475 ^{pro}	490 ^{pro}
Length	m	2.20	2.60	2.60	2.78	2.70
Overall width	m	4.60	6.00	6.05	7.55	9.02
Height	m	1.15 (1.50)	1.81 (2.90)	1.81 (2.95)	1.52 (3.65)	1.92 (2.65)
Working width	m	4.55	6.00	6.00	7.50	9.00
Transport width	m	2.47	3.00	3.30	3.30	3.00
Weight	kg	2,100	2,900	3,700	3,600	4,350



Learn more about
our service.



Go to our Kemper Plus website for
spare parts, retrofit bundles and service videos.

Use our online store to order your spare parts directly.
Simply scan the QR code and you're ready to go!



KEMPER CAN DO EVEN MORE FOR YOU.

We are a long-standing German company specialising in the design, production and distribution of high-quality machinery for professionals **on a global scale** for more than 100 years.

Learn more about the different product versions on our website, www.kemper-stadtlohn.de.



Small-drum header series

– the compact machines.

Headers fitted with small drums for self-propelled foragers of different brands. Ideal for both maize crops up to 3.5m height and whole-crop silage.



Large-drum header series

– for extremely tall crops.

Headers fitted with small drums for self-propelled foragers of different brands. Ideal for both maize crops up to 3.50m height and miscanthus.



ProfiCracker

– for a sharp bite.

High reliability for trouble-free harvesting! Whether it's long cut lengths for dairy farms or short cut lengths for anaerobic digesters – a Kemper ProfiCracker™ always offers the perfect solution.



Pick-ups

– the prize collectors.

Patented auger shape for maximum machine utilisation even on the most powerful foragers. Highly durable drive system and crop flow components made for the toughest of conditions.



ALL'S WELL IF YOUR HARVEST GOES WELL.

Quality for professionals. This is the guiding principle for Kemper, your no. 1 source of row-independent headers.

Know-how and experience are the foundation for innovative solutions and superior quality. For more than 100 years, we have been designing, producing and distributing high-quality machinery for professionals on a global scale.

To us, Made in Germany is a lot more than just a label. Kemper employs around 330 people on its 100.000 square metre premises in the mid-west of Germany.

Our development, customer support and production departments work in close cooperation to drive the continuous improvement of our products.

Kemper has an excellent dealer network cooperating with our aftersales and parts teams to offer excellent service for our customers. If there is one thing you can rely on, it is our experience as a world-leading manufacturer of headers for foraging machinery - pre-sales and after-sales!



			Learn more about Kemper.
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about Kemper.