



YOUR SOLUTION FOR PROFISILAGE™

ProfiCracker™

C230 | C245 | C250 | C280E

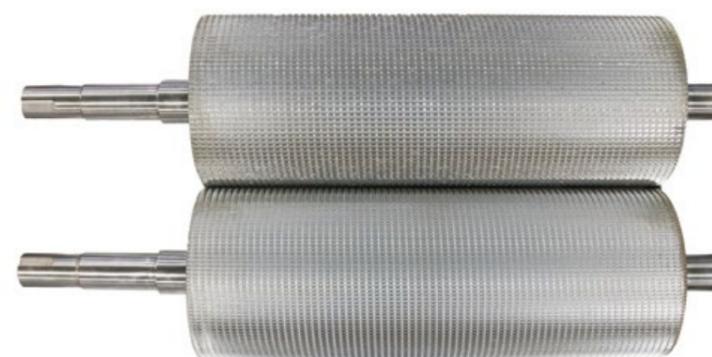
CRACKER SOLUTIONS FOR SPECIALISTS BY SPECIALISTS.

High reliability for trouble-free harvesting!

A corn cracker is the heart of your forager. The intense crushing of the crop greatly affects the quality of your silage. Perfect crop conditioning demands a lot from both the cracker and its drive. Your success as a contractor or farmer depends on the proper operation of the cracker. Take advantage of the high degree of reliability of the ProfiCracker™. For the construction of its crackers, Kemper relies on the vast experience of Scherer Inc. (USA).



Whether it's long cut lengths for dairy farms or short cut lengths for anaerobic digesters – a Kemper Profi-Cracker™ always offers the perfect solution.



PROFISILAGE™ WITH TWINCUT™ ROLLERS

Creates a wool-like crop structure for high nutrient yields and completely cracks open the kernels while the residual plant is perfectly split and frayed.

THE DIFFERENCE IS IN THE DETAIL.

Electric roller gap adjustment
Setting the roller gap from the cab.

Temperature monitoring
Increased operational safety.

Low-wearing rollers
Dedicated manufacturing process for long-life rollers (special heat-treatment and hard chromium plating process)

Unique oil mist lubrication
Increased service life.

Sturdy design
Simple, robust housing and a compact, smooth-running design.

PROFICRACKER™

Innovative, robust, reliable, durable!

ProfiSilage™ with Kemper ProfiCracker™:

- Patented TwinCut™ spiral-grooved roller profile
- Up to 50% roller speed difference
- Different numbers of teeth per set of rollers for improved forage processing
- Durable and resistant to wear

VERSATILITY – TROUBLE-FREE IN ANY HARVESTING CONDITION.

Crackers boasting a roller diameter of approx. 200 to 280mm with saw-tooth or TwinCut™ profiles can be used to cover all conditioning requirements:

- Short cut lengths for maize silage
- Long cut lengths for maize silage
- Whole crop silage

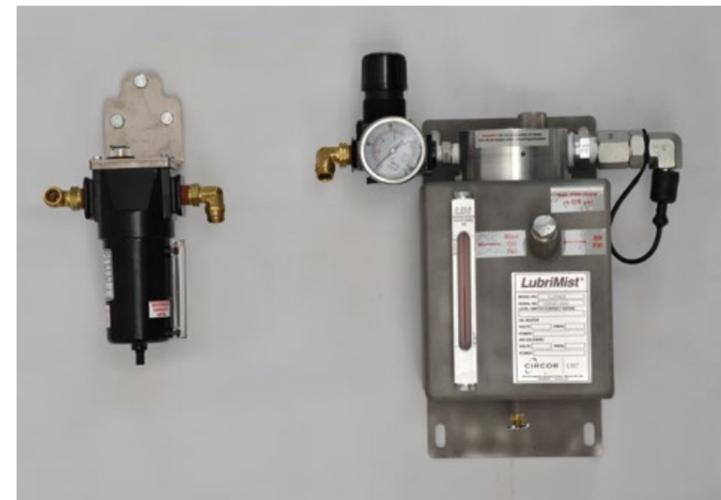
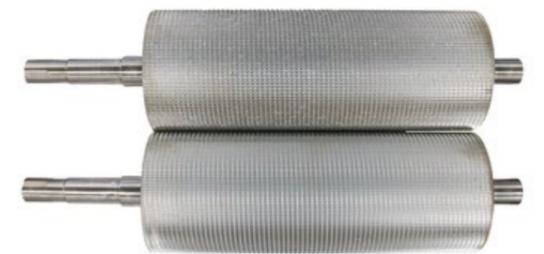


PROFICRACKER™

Innovative, robust,
reliable and durable!

Shafts

Highly durable shafts designed for the increasing power and torque outputs of modern foragers.



Unique oil mist lubrication

- Oil-immersed bearings with additional, actively atomised oil mist
- Cools and protects the bearings
- Low air pressure prevents saps and dust from entering the bearings
- Long service life



Temperature monitoring (optional)

- Continuous monitoring of the cracker's bearing temperatures
- Bearing cooling minimises the risk of breakdown
- Early detection for successful protection
- Minimised downtimes

YOUR PROFICRACKER™ FOR NEW FORAGERS.

Successful harvesting with the Kemper ProfiCracker™.

The ProfiCracker™ was developed to optimise the harvesting performance of self-propelled forage harvesters over a long service life and integrates seamlessly into the existing crop flow channel.



Specifications	C250	C280E
Forager	499, 500, 502 series (replacement cracker for MCC)	499, 500, 502 series (replacement cracker for MCC)
Roller Ø	↓ 250mm	↓ 274.3mm
Roller profiles	Sawtooth (maize) TwinCut (maize)	Sawtooth (maize) TwinCut (maize)
Tooth combination	110 / 145 110 / 145	120 / 160 120 / 160



Watch our machines
in action.

YOUR PROFI-CRACKER™ FOR EXISTING FORAGERS.

Retrofit improved performance

Optimised performance for both short and long cut lengths thanks to a retrofit solution

Why invest in a new forager if a ProfiCracker™ can do the job? Kemper gives your forager a second, and better, life! Kemper Crackers are available from the Claas 491 series onwards.

- Increased roller diameter (200mm to 230mm or 250mm to 280mm)
- More intense processing and chopping of the crop, less wear, longer service life
- Comfortable monitoring of the cracker bearing temperatures from the cab
- Oil-lubricated bearings (optional)



Specifications	C230	C245	C250	C280
Forager	Series 492, 493 (updated 196mm to 223.5mm in roller Ø)	494 up to serial no. 49402913 (replacement cracker for 'gray frame cracker')	494 series (from SN 49402913), 496, 497, 498, 499, 500, 502 (replacement cracker for MCC)	494 series (from SN 49402913), 496, 497, 498, 499, 500, 502 (updated from 250mm to 274.3mm in roller Ø)
Roller Ø	↓ 223.5mm	↓ 250mm	↓ 250mm	↓ 274.3mm
Roller profiles	Sawtooth (maize) TwinCut (maize) TwinCut (WCS)	Sawtooth (maize) TwinCut (maize) TwinCut (WCS)	Sawtooth (maize) TwinCut (maize) TwinCut (WCS)	Sawtooth (maize) TwinCut (maize) TwinCut (WCS)
Teeth Combination	85 / 110 85 / 110 110 / 125	110 / 145 110 / 145 145 / 165	110 / 145 110 / 145 145 / 165	120 / 160 120 / 160 160 / 180



USEFUL EQUIPMENT VARIANTS.

THE BEST OPTIONS FOR YOUR FORAGER.

Grease lubrication

Connects to the forager's existing central lube system.

Oil-mist lubrication

The lube system offers a quick and easy connection to the air line. The oil is atomised under pressure and pushed into the bearings and slide rails.

» Protection from dust and dirt

Over-pressure prevents dust and/or dirt ingress to the bearings.

Temperature monitoring

The cracker bearing temperatures and the forager's air pressure are continuously monitored.

Electric roller gap adjustment

For easy and precise roller gap adjustment.

REPLACEMENT ROLLERS. EXCEPTIONAL QUALITY.

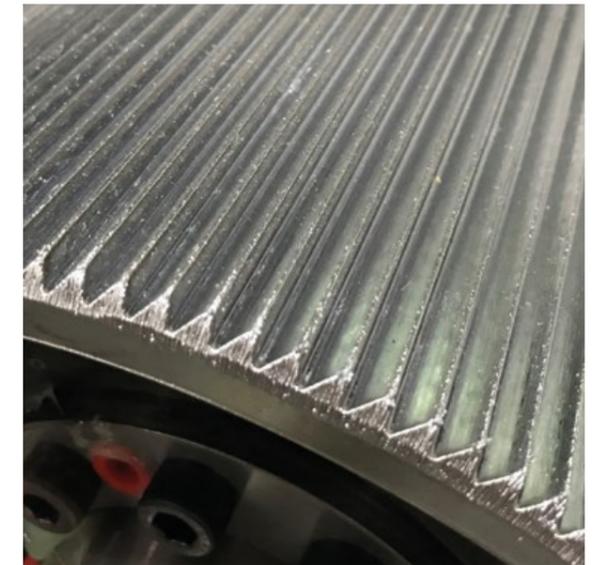
BENEFITS

- **Low-wear processing:** Our special heat treatment and hard chromium plating process gives all our rollers a high level of material quality and resistance to wear.
- **Long service life:** The precision-manufactured rollers are dynamically balanced for smooth operation at high speeds. Their high abrasion resistance means a large number of users have benefitted from a long service life.
- **Replaceable shafts:** All shafts are replaceable through-shafts. If a shaft is damaged due to a failed bearing (caused by dirt or grease residue), your Kemper does not need an entirely new roller as only the affected shaft can be replaced. This way you spend less money for repairs.



TwinCut™

For short or long cut lengths. Even in the most challenging conditions.



Saw-tooth

Short cut lengths. Superb durability.

Specifications	Roller Ø	Roller profiles	Teeth Combination
Claas MCC L (Shredlage, MAX, Claasic)	250mm	Sawtooth (maize)	110 / 145
		TwinCut (maize)	110 / 145
		TwinCut (WCS)	145 / 165
Krone Conditioner (500, 650, 700, 780, 800, 850, 1000, 1100) standard channel up until 2018	250mm	Sawtooth (maize)	110 / 145
		TwinCut (maize)	110 / 145
		TwinCut (WCS)	145 / 165
Krone Conditioner (480, 530, 580, 630) Narrow channel	250mm	Sawtooth (maize)	110 / 145
		TwinCut (maize)	110 / 145
		TwinCut (WCS)	145 / 165
Krone Conditioner (680, 780, 880, 1180) Wide channel from 2018	250mm	Sawtooth (maize)	110 / 145
		TwinCut (maize)	110 / 145
Krone Conditioner (680, 780, 880, 980, 1080, 1180) Wide channel from 2018	300mm	TwinCut (maize)	135/180
New Holland (All FR foragers)	250mm	Sawtooth (maize)	110 / 145
		TwinCut (maize)	110 / 145
		TwinCut (WCS)	145 / 165



EASE OF SERVICING: DURING HARVEST, EVERY MINUTE COUNTS

ProfiCracker™ - maximum service life with minimum service and maintenance requirement

- Low-wearing rollers for less frequent roller replacements.
- Unique oil lubrication saves wear and tear on bearings and extends service life.
- Temperature monitoring prevents machine downtime.

Maintenance and service work is extremely simple and quick to do.

- Few steps required to unfold the frame.
- Rollers or bearings can be replaced in less than 30 minutes.
- Excellent access to all rollers and bearings.
- Convenient cracker cleaning with no annoying grease residues.
- Saves valuable time in your everyday work.

You're in good hands with Kemper

- extensive dealership network
- Our Kemper service and parts team is ready for you
- Quick spare parts service



Learn more about
our service.

Go to our Kemper Plus home page 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.



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about Kemper.