KRONE

THE POWER OF GREEN

BiG X

700 · 770 · 850 · 1100

Precision-chop forage harvesters

www.krone.de

BiG X

700 · 770 · 850 · 1100

The extra powerful class

- Modern and ergonomic design
- MAN and LIEBHERR engines
  with up to certified 1,110 hp engine power
- 6 intake rollers for boosted reliability and a top quality chop
- Universal MaxFlow chopping drum with 20, 28 or 36 blades
- Biogas drums with 40 or 48 blades
- KRONE VariLOC: Pulley gearbox inside the chopping drum for easy change from short to long chops
- KRONE VariStream – spring-loaded drum floor and spring-loaded accelerator backplate for a smooth crop flow
- KRONE StreamControl – Accelerator with an adjustable back plate for accurate crop throw control
- EasyCollect 1053 – super wide for ultimate efficiency
  Harvesting 14 rows in one pass

BiG X
Setting new standards in chop quality, performance, handling and operator comfort.

KRONE OptiMaize

Chopping short and long

- KRONE chopping technology for optimum maize forage quality
- OptiMaize S, M, L, XL for variable chopping lengths from 4 mm to 30 mm
- KRONE MaxFlow and Biogas drum with different blade specifications combine to produce chops of the required length
- KRONE corn conditioner for optimum fracturing and kernel treatment
- KRONE VariLOC for fl exible long and short chops without conversing the machine

'OptiMaizing' – a KRONE concept for BiG X forage harvesters

The OptiMaize concept was developed by Krone and aims at producing forage of a superior quality. Livestock farmers ask for different chop lengths that meet different aims in the silage maize ration. The smaller the amount of fibres in the ration, the longer should the maize chops be to suit the needs of rumens.

By comparison, chop lengths should be short when the maize is used to fuel Biogas plants whereas the feed rations for beef bulls and dairy cows require much longer chop lengths to add structure to the ration. KRONE OptiMaize combines various chopping drums (see table) and conditioners that enable BIG X forage harvesters to produce short and long chops of maize allowing machine owners to respond to individual customer needs. If you have to produce short biogas maize chops in the morning but coarse maize chops for animal feed in the afternoon, you will find KRONE VariLOC the ideal solution for you.

This is a mechanical gearbox which forms a integral part of the pulley that drives the drum belt and that reduces drum speed from 1250rpm to 800rpm within just a few minutes. This reduces the cutting frequency and increases the range of available chop lengths by up to 53%. This technology allows operators to select between short and long chops at short notice and without any changeovers. This in combination with the large choice of KRONE corn conditioners makes BiG X a truly all-round machine.

The chop length can be grouped into four different ranges: OptiMaize S, M, L, XL. Each concept describes a different technical solution that leads to customised lengths that suit all applications.

Full flexibility

OptiMaize brings full flexibility to all BiG X harvesters, allowing them to produce any type of chopping lengths that are required by livestock farmers and Biogas producers. MaxFlow and Biogas drums are available with various numbers of blades and combine with matching KRONE conditioners to deliver perfect 4-30mm chops and the most intensive treatment. BiG X covers this wide range of chops without swapping or refitting the chopping drum – simply by reducing the cutting frequency with the help of VariLOC.

Model	LOC	Application	Drum type
OptiMaize S	4mm to 7mm	Biogas	Biogas (40 blades) or MaxFlow (36 blades)
OptiMaize M	8mm to 10mm	Dairy feed rations with ~40 % maize Beef bulls	MaxFlow (36 blades) or MaxFlow (28 blades)
OptiMaize L	11mm to 19mm	Dairy feed rations with ~60 % maize	MaxFlow (28 blades) or MaxFlow (20 blades)
OptiMaize XL	20mm to 30mm	Dairy feed rations with >80 % maize	MaxFlow (20 blades)

The correct level of compaction
Clamping forage that is chopped to lengths longer than 20 mm requires more time and heavier equipment to eliminate the risk of mould and heating.

KRONE OptiMaize

Chopping short and long

OptiMaize S

Maize that is harvested to fuel biogas plants is chopped to very short lengths. Depending on moisture levels, chops of 4 mm to 7 mm lengths have been found ideal for this application, because shorter chops make the energy readily available to the methane producing bacteria in the fermenter thereby increasing gas yields.

The KRONE forage harvesters use a Biogas drum with 40 or 48 blades to harvest biogas maize. Alternatively, OptiMaize S can also be achieved with the 36-blade MaxFlow drum. A KRONE corn conditioner with 144 teeth will then fracture the material and destroy the kernels so these ferment easily.

OptiMaize M

Grass based rations for beef bulls and dairy cows which consist of up to 40% of maize should be made up of 8 mm to 10 mm chop lengths. This length of cut and an appropriate conditioning intensity avoids lack of fibre in the ration. OptiMaize M chopping quality is achieved by the MaxFlow drums with 36 and 28 blades. The ideal conditioner is the KRONE corn conditioner with 144 or 123 teeth whose speed differential can be increased from 20% to 30% or 40%.

OptiMaize L

Chop lengths of 11 mm to 19 mm are ideal for dairy feed rations where the percentage of maize is about 60%. Rumens require silage maize that is reach in fibres. The OptiMaize L chopping quality is achieved by the KRONE MaxFlow drums with 28 or 20 blades.

The recommended conditioner is the KRONE corn conditioner with 123 or 105/123 teeth whose speed differential can be increased from 20% to 30% or 40%.

OptiMaize XL

The maize in dairy feed rations made up of more than 80% by maize and that do not contain sufficient quantities of grass and feed straw should be chopped to 20 mm to 30 mm lengths to avoid lack of structure in the feed. The ideal drum for long chops is the MaxFlow drum with 20 blades which is complemented by the KRONE corn conditioner with 105 or 105/123 teeth (+30 or 40% speed differential). The KRONE disc conditioners offers a 2.5 times larger friction surface area and therefore are the best option for optimum conditioning at maximum outputs.

The crop flow

A KRONE exclusive!

- Top quality chop from 6 intake rollers
- High throughput with the Universal or Biogas chopping drum
- Continuous crop flow with VariStream
- Variable crop throw is an option using StreamControl
- Powerful corn conditioner with large-diameter roller

The chopping drums
- Universal MaxFlow chopping drum with 20, 28 or 36 blades
- Biogas drum with 40 or 48 blades

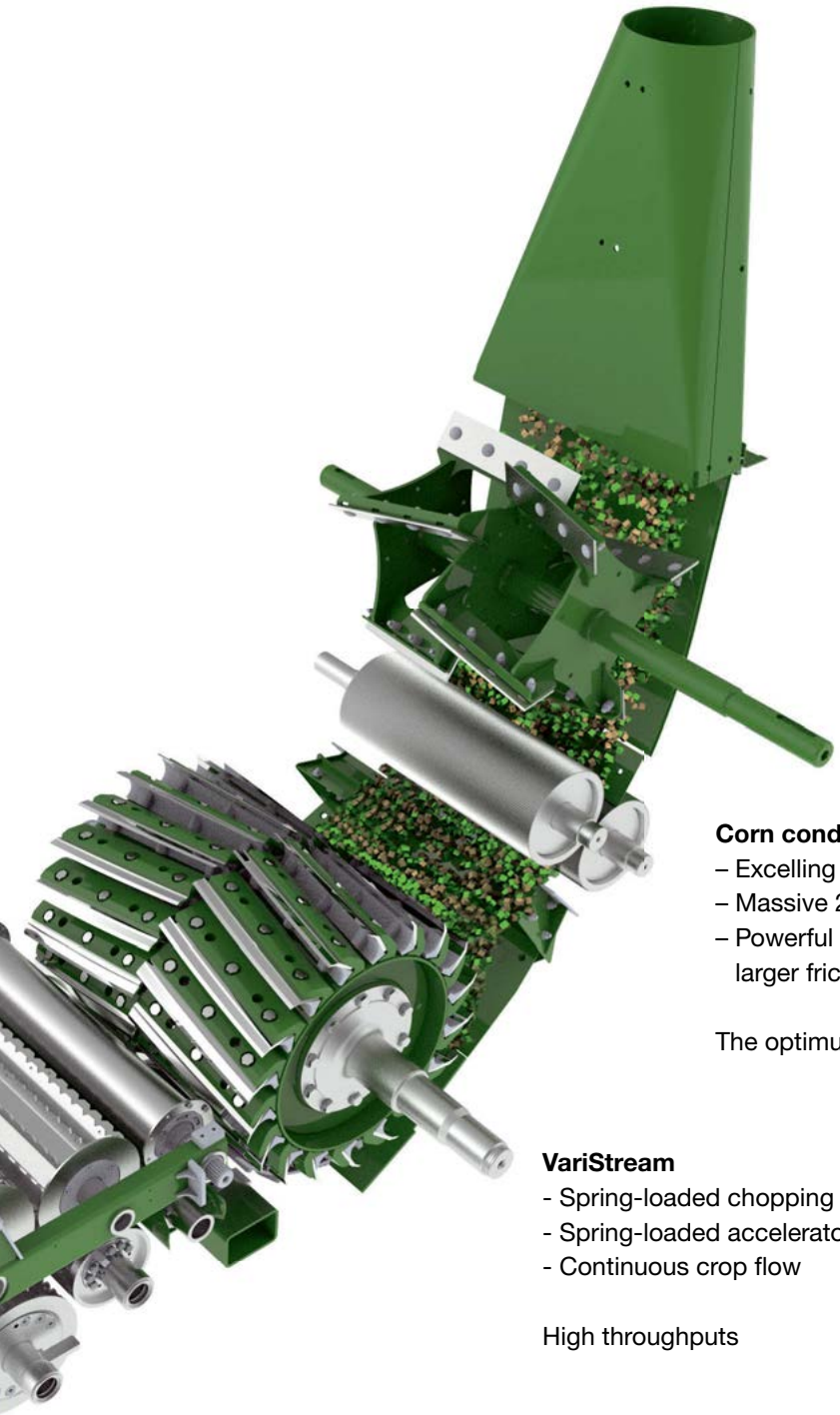
The right drum for the very best quality chop

The intake system
- 6 intake rollers
- Additional protection against foreign objects
- Hydraulic drive
- Steplessly variable LOC

Perfectly protected for an optimum chop lengths

BiG X delivers more

When you're looking to maximize your machine's throughputs, the technology must be up to the job. That's where the BiG X models from KRONE come in: precision-chop forage harvesters that deliver an exceptional quality cut, maximum throughput and impressive comfort and convenience. All courtesy of the direct crop flow system and a wealth of innovative details that meet the needs of the successful contractor and make light work of the job.



StreamControl
- Powerful crop accelerator
- Adjustable crop throw
- Precision fills of following trailers
- Highly fuel-efficient

No losses

Corn conditioner
– Excelling performance
– Massive 250 mm diameter toothed rollers
– Powerful disc conditioner with a 2.5 times larger friction surface

The optimum treatment

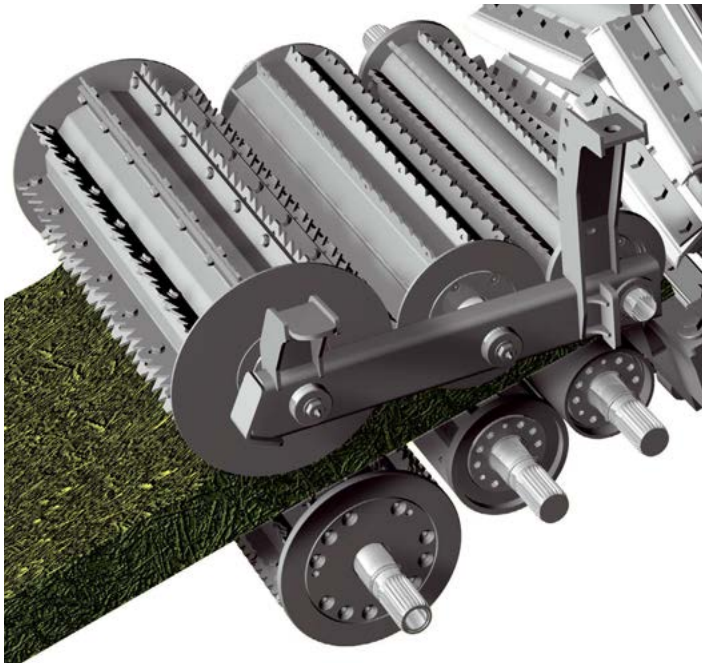
VariStream
- Spring-loaded chopping drum floor
- Spring-loaded accelerator backplate
- Continuous crop flow

High throughputs

The intake system

Quality six times over

- 6 pre-compression rollers for a top quality chop
- Hydraulic drives:
  LOC steplessly adjustable from the cab
  Automatic adjustment via AutoScan
- Maximum protection against foreign objects:
  Long path from metal detector to chopping drum
  Metal detection across the entire chamber width



Reliable, safe and convenient

Six pre-compression rollers and an 820 mm (2'8") gap between the leading roller with metal detector and the rearmost roller not only enhance pre-compression but also protect the blades better against metal objects, even at high-speed intake. The hydraulic driveshaft automatically adjusts the LOC in line with the maturity of the crop, which is detected by the KRONE AutoScan sensor.

If the engine speed drops below 1,200 rpm as the load increases, the header and intake system are stopped automatically while the chopping drum continues to turn – because blockages caused by low speeds cost time and money.

Top technology for top silage

The number of feed rollers and the pressure that they apply on the material must be just right to achieve high-quality chops. The higher the pressure the better is the chop quality. So BiG X features a long intake system with six high-pressure rollers for an easier and more precise chop. The LOC can be adjusted steplessly either by hand or automatically courtesy of the hydraulic drives on the intake rollers.

Well thought out
The intake system can be supported on wheels for fast access to the chopping assembly.

Full-width application
The lower front intake roller is fitted with full-width metal detector sensors, guaranteeing detection of foreign objects across the full chamber width.

Convenient
The intake system can be folded forwards for easy inspection access to the chopping drum and counterblade.

Under pressure
Adjustable coil springs keep up the pressure on the crop from the intake rollers, ensuring strong crop compaction and top chopping results.

Voracious appetite
Maximum throughputs are guaranteed from the huge opening between the six intake rollers. The heavy-duty drive shafts on the pre-compression rollers can cope with even the toughest loads.

The chopping assembly

Chopping drums for OptiMaize S – XL

- Chopping drums with 20, 28, 36, 40 or 48 blades
- High inertia from enclosed 660 mm (2'2") diameter drums
- Top quality chop: Bespoke 800 mm (2'7.5") wide drums for the BiG X 700, 770, 850 and 1100 models
- Extremely fuel-efficient: high inertia, pulling cut

					
Drum type	MaxFlow	MaxFlow	MaxFlow	Biogas drum	Biogas drum
Number of blades per drum	20	28	36	40	48
LOC	5 - 29 mm	4 - 21 mm	3 - 17 mm	2.5 - 15 mm	2 - 12 mm

No-compromise chop

Matching the drum dimensions to the forager and choosing the right number and shape of blades not only gets more power out of a BiG X but extends its range of use. The wide range of drums available for BiG X ensures a top-quality chop in any conditions anywhere in the world – at top performance levels.

The material is pulled over the blades
The blades on the KRONE chopping drums are arranged chevron-style and at an angle of 11° relative to the counterblade. This arrangement makes for a continuous crop flow, extremely quiet running and maximum efficiency.

Chopping drum brake
The brake on the chopping drum gives operators peace of mind, because the drum takes less than 10 seconds to come to a complete stop from maximum rpm.

Optimum crop mats
It's not just the number of blades that produces a good quality chop. The thickness of the crop that passes through them and therefore the width of the chopping drums are just as important. So KRONE offers the 800 mm (2'7.5") chopping drum for the BiG X 700, 770, 850 and 1100 models for superior quality chops.

Kitted out to purpose
BiG X can be fitted with grass or maize blades. Slots on the blades allow for precision adjustment relative to the counterblade and protect the blades against breakage when they hit foreign objects.

MaxFlow

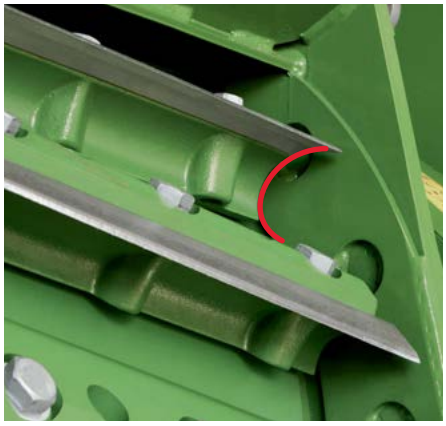
The universal chopping drum

- For grass, wilted material, whole crop silage and maize as OptiMaize S, M, L, XL
- Chopping drums with 20, 28 or 36 blades
- Plenty of carrying space under the blade carriers
- Blades are quick and easy to fit and remove

Quick fit blades
Every blade is bolted to the chopping drums with just three hex bolts. The blade carrier above the blades holds them securely in place.

Cutting edge
To ensure a good quality cut, the blade and the counterblade must be set to the correct gap. The blades are quick and easy to align using the eccentric plate.

More space for more crop
The blade carriers are arranged and designed to allow plenty of space under the blades. This extra carrying space means higher throughputs and smoother running, particularly in long chops.



The specialist drums for animal feed

The universal chopping drums are specialists when it comes to preparing top quality silage. Harvesting pre-wilted material in uneven swaths is tough going for the chopping drums. So KRONE universal chopping drums feature specially designed blade carriers with more space under the blades. Larger ‘pockets’ and the spring-loaded drum floor result in extremely smooth running and high power reserves. So BiG X makes light work of temporary crop accumulations.

OptiMaize M, S

The 36-blade drum

Handling massive throughputs and providing a wide range of cutting lengths, this 36-blade drum will earn its keep in no time. Remove half the blades and the unit is perfect for long chop applications.

LOC range 36 blades 3 - 17 mm
18 blades 6 - 34 mm

OptiMaize L, M

The 28-blade drum

This 28-blade unit is the universal drum. Used with just half the number of blades, it is perfect for producing long chops.

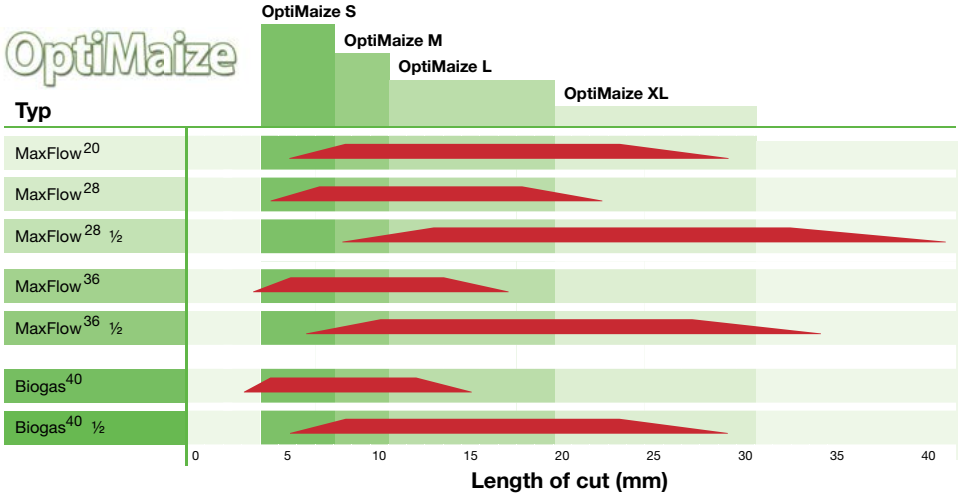
LOC range 28 blades 4 - 21 mm
14 blades 8 - 42 mm

OptiMaize XL

The 20-blade drum

This drum cuts the kind of long lengths that are called for in some countries.

LOC range 20 blades 5 - 29 mm



Always the correct length

The KRONE OptiMaize chopping drum offers a wide range of technical solutions that achieve an equally wide range of chop lengths. You can get the ideal chopping drum that suits your needs, using all blades or half the numbers of blades and various KRONE drums.

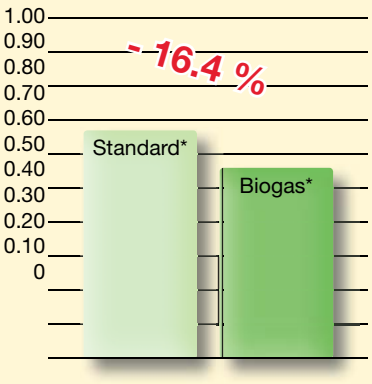
The Biogas drums

The special drum for short LOCs

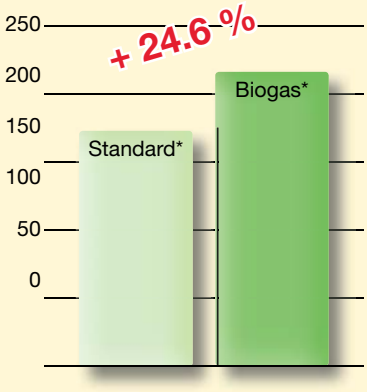
- The Biogas drum has 40 chevron-style blades and the Super-Biogas drum has 48
- High frequency of cuts
- High efficiency
- OptiMaize S for fewer overlengths
- High gas yields

‘Standard drum versus Biogas drum’
LOC: 5 mm

Consumption (l/t fresh mass)



Throughput (t fresh mass/h)



*Standard = 28 blades *Biogas = 40 blades

Higher output, lower costs
Working with short LOCs, the 40-blade Biogas drum boosts throughputs by almost 25% over the 28-blade standard drum. At the same time, fuel consumption drops by up to approx. 16% per tonne of chopped crop.*

* Results from the 2006 workshop with leading agricultural magazines

The specialist for biogas plants

The KRONE Biogas drum has proved its worth over the years and is popular with contractors harvesting largely maize in the OptiMaize S length for biogas production. As gas yield and throughput are the main criteria affecting the biogas plant's bottom line, profitability can only be ensured if the basics are right. The KRONE Biogas drum plays a key part in ensuring efficient plant operation. Its extremely short LOC increases fermenter gas yields and throughputs.

The 40-blade drum
With its higher throughputs and lower fuel consumption per tonne of chopped maize, the 40-blade Biogas cylinder pays for itself in no time. Short 2.5 - 15 mm chops increase the efficiency of the biogas fermenter. With the higher gas yield per m^3 of crop, less acreage is needed for biogas production.

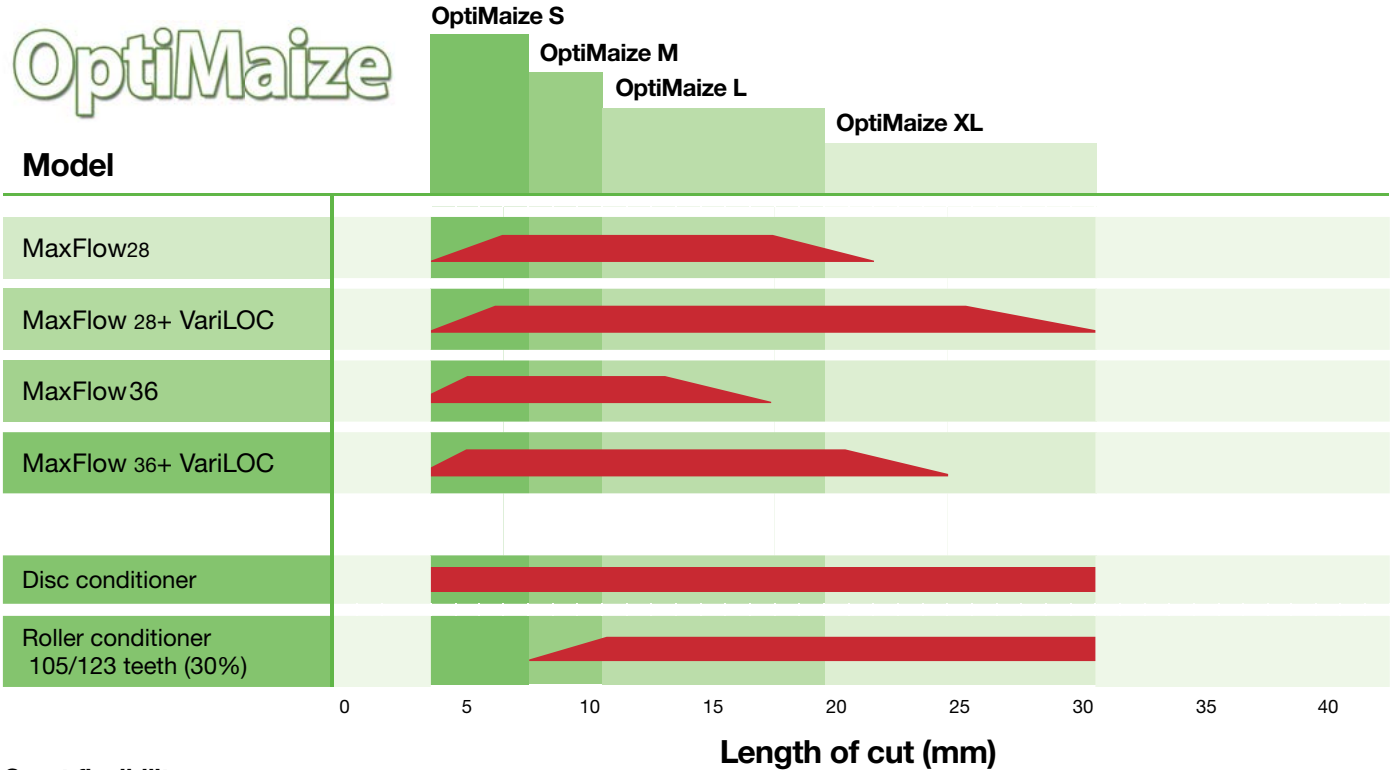
High frequency of cuts
40 blades can achieve an impressively high cutting frequency which allows the harvester to work at higher rates and throughputs – even when producing short chops.

The 48-blade drum
The Super biogas chopping drum with 48 blades is a bespoke development that meets the requirements of modern biogas plants. Delivering a 20% higher cutting frequency than the 40-blade drum and a theoretical LOC ranging from just 2 to 12 mm, this biogas drum produces an even shorter chop, Its extremely short LOC increases fermenter gas yields and throughputs. In addition, it reduces fuel consumption per tonne of material although the chop length has not changed.

KRONE VariLOC

The pulley gearbox – a KRONE exclusive

- Optimaize is a versatile and unique system
- Gearbox for flexible changes from short cuts to long cuts
- Switching the drum speed takes a few minutes
- No downtime, no machine conversion, no up-front planning

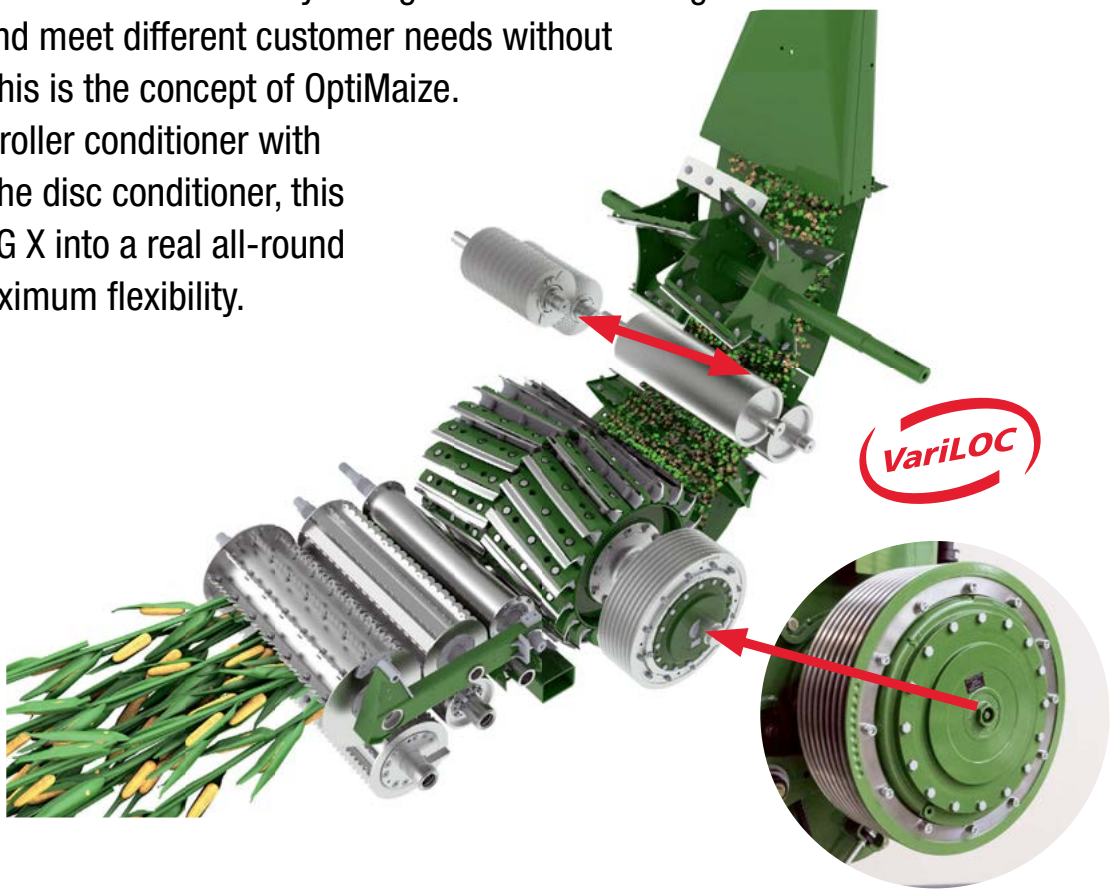


Great flexibility

The KRONE VariLOC is available for the MaxFlow drums with 28 and 36 blades. VariLOC is a mechanical gearbox that allows the MaxFlow chopping drum to produce the full range of chop lengths (OptiMaize S-XL) with 28 or 36 blades.

Biogas silage (S) in the morning, long chops (XL) in the afternoon

Forming an integral part of the pulley, KRONE VariLOC is a gearbox that alters the speed of the chopping drum. By simply changing the drum speed from 1250 to 800 rpm using a standard open-end wrench, you can increase the chopping drum's LOC range by up to 53%. This system allows operators to momentarily change from short to long chops and vice versa and meet different customer needs without a major changeover – this is the concept of OptiMaize. In conjunction with the roller conditioner with 105/123 teeth or with the disc conditioner, this technology turns the BiG X into a real all-round machine that offers maximum flexibility.



Chop length ranges offered by VariLOC

The chopping drums	min. LOC [mm]	max. LOC [mm] [mm]	LOC range [mm]	Larger LOC range
MaxFlow 28	4	21	17	
MaxFLow 28 with VariLOC	4	30	26	+ 53%
MaxFlow 36	3	17	14	
MaxFLow 36 with VariLOC	3	24	21	+ 50%

Wide cutting range

The KRONE VariLOC increases the cutting lengths that are available from the MaxFlow chopping drums with 28 and 36 blades. For the 36-blade drum it increases the range by 50% from 3-17 mm to 3-24 mm. For the 28-blade drum it increases the range even by 53%, which means from 4-21 mm to 4-30 mm. This allows operators to adjust the chop length flexibly as the application changes.

KRONE roller conditioner

Bespoke systems tailored to your needs

- Large 250 mm (10") roller diameter
- Large friction surface area for perfect kernel treatment
- 40% speed difference for maximum fracturing
- Different teeth numbers suit different chop lengths

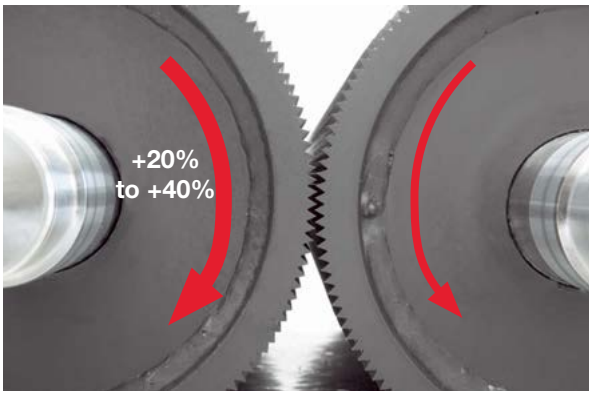
Forage of optimal digestibility

This is what livestock farmers call for. The requirement is to treat every kernel and defibrate even long stalks and leaves. The large diameter of the KRONE roller conditioner offers a larger friction surface area for effective conditioning and a perfect result.

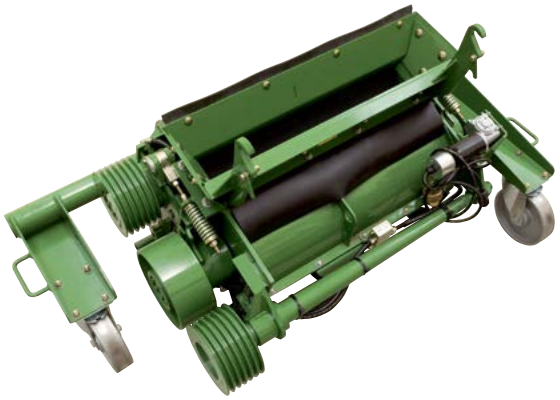
Standard toothed rollers
The rollers on the standard roller conditioner have 105, 123 or 144 teeth of a special triangular form for optimum conditioning.

Toothed rollers with hard chrome coating
The chrome coated roller conditioners are bespoke developments to deal with extreme conditions and offer a long service life. The friction surface is made up of saw teeth for maximum conditioning. Choose between 105, 123 or 144 teeth.

The KRONE corn conditioner cracks every kernel
Our 250 mm diameter rollers have a larger friction surface area than the smaller toothed rollers and can be operated at larger roll gap for greater efficiency and fuel economy and better long stalk conditioning. The standard rollers revolve at a speed difference of 20%. This can be increased to 30% or 40% for those who seek a higher conditioning intensity.
These speeds are recommended for long chops where they ensure thorough conditioning and fracturing of long chops.



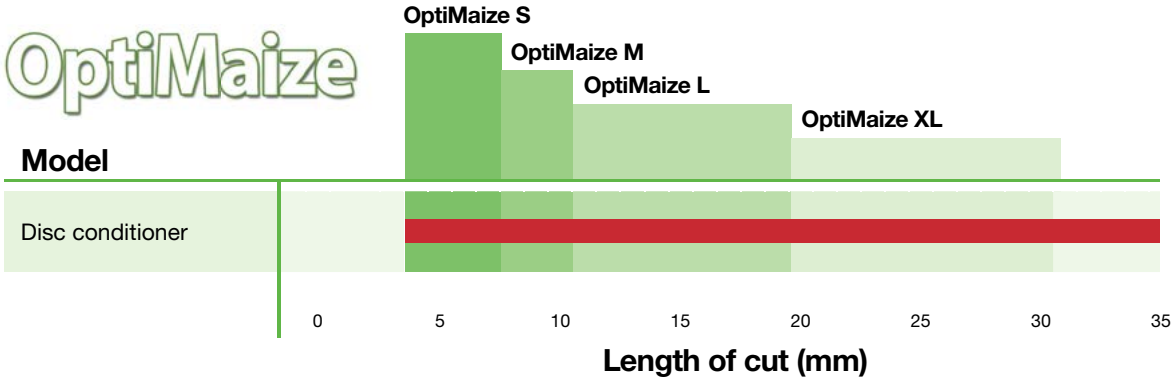
Variable roll gap
The roll gap is adjusted steplessly from the cab to the current conditions. The operator can view the current setting on the display.



KRONE disc conditioner

The system for maximum treatment

- Perfect conditioning and fracturing that preserves structure
- Large 265 mm (10.4") disc diameter for high output
- 2.5 times larger friction surface area than the roller conditioner
- The gap between the discs adjusts conveniently from the cab



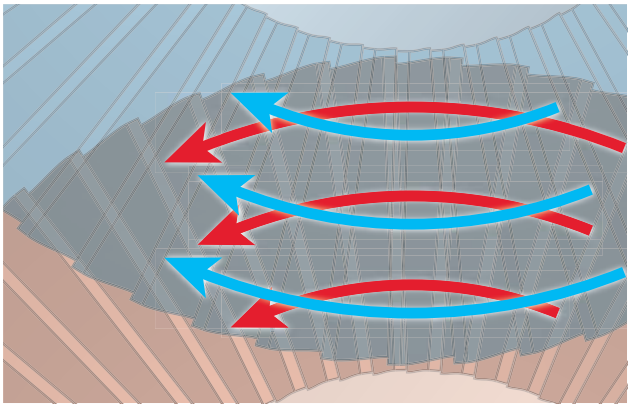
Great flexibility
The gap between the discs can be adjusted to individual requirements to achieve perfect treatment at all chopping lengths – from OptiMaize S to XL.

The KRONE disc conditioner is the perfect solution for OptiMaize

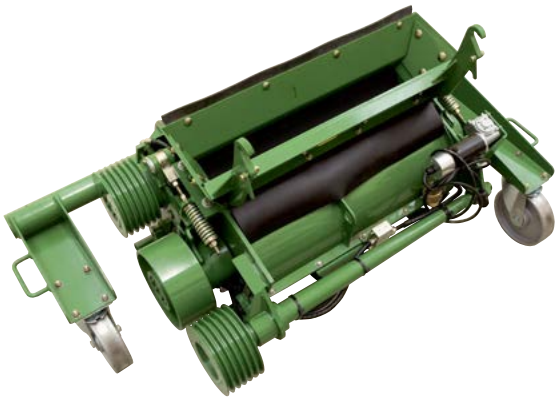
The KRONE disc conditioner delivers perfect results at a low input power, which is attributed to the special V-form of the discs which increases the friction surface area and makes for enormous throughputs, optimally fractured leaves and stalks, and thoroughly damaged kernels.

The optimum treatment
The disc conditioner has its teeth arranged so they form V-shaped gaps which increase the friction surface 2.5 times over the friction area on a roller conditioner. This makes for an enormous throughput and optimum conditioning.

Cracking every kernel
With the discs on the outer rotor measuring 265 mm (10.4") in diameter and those on the inner rotor 135 mm, the discs are rotating towards each other at identical speeds but at different circumference speeds. This results in an enormous frictional effect that not only grinds all kernels but also fractures all stalks – even long chops – in an optimum way.



Variable disc gap
The operator can control the disc gap from the cab, adjusting it steplessly to the current conditions. The operator can view the current setting on the display.



VariStream

A KRONE exclusive!

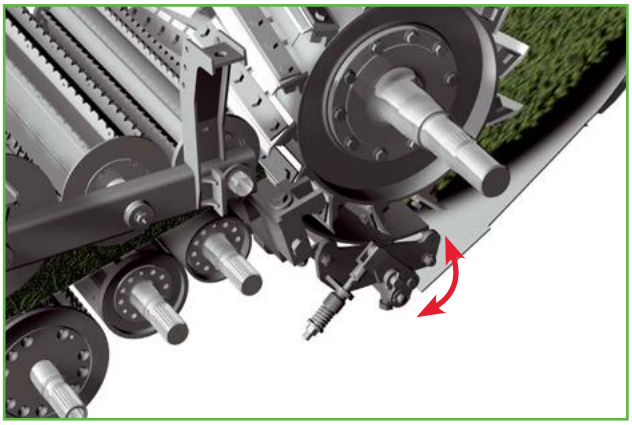
- Consistent performance in inconsistent crop flows
- Extremely smooth running – also in lumpy swaths
- High throughputs
- Top quality chop
- High operator comfort

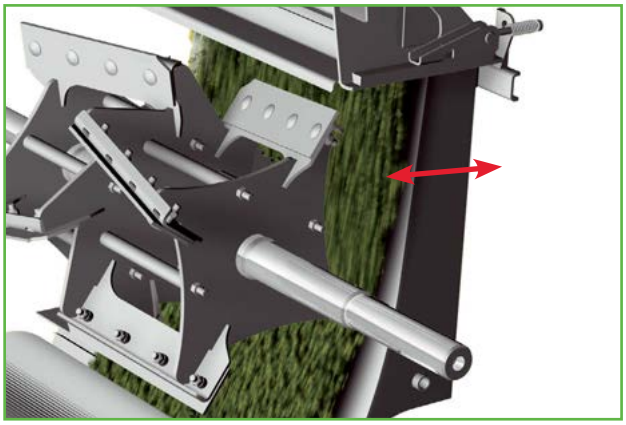
Springs make the difference

Every forage harvester operator is familiar with this: lumps in uneven swaths absorb operator attention, reduce the overall performance level and can cause blockages in the spout. On BiG X, the chopping drum floor and the accelerator backplate are both spring-loaded to move momentarily out of the crop flow when the volume surges temporarily. The flexible cross section of the duct helps reduce the load on the engine and the chopping assemblies, and makes for quieter running and higher outputs.

VariStream – the variable-diameter duct

When you're looking to maximize throughputs with a top-quality chop, the technology must be up to the job. Consisting of a spring-loaded floor beneath the chopping cylinder and a spring-loaded plate behind the crop accelerator, VariStream ensures blockage-free and smooth operation, even when the flow of crop is not uniform. The technology allows operators to utilize the forager to its limit and reduce fuel consumption per hour.





Outstanding chopping quality even in inconsistent crop flows
The spring-loaded chopping drum floor is connected to the anvil of the counterblade at the front. Adjusting the counterblade does not alter the distance between the blade and the floor. The chopping quality is never affected – even not when the spring-loaded chopping drum floor is compensating for inconsistent crop flow.

A consistent and tight crop stream from the spout
The spring-loaded backplate on the crop accelerator ensures maximum throws and targeted fills in all conditions.

StreamControl

Adjustable crop throw

- An adjustable crop throw at the touch of a button from the cab
- Tight crop stream even with a long crop throw
- The shorter the crop throw, the less power is needed
- Fills the trailer accurately without spillage

Short-distance throws
Filling trailers that are travelling alongside the forager does not require a powerful throw. Throwing the material at reduced accelerator speed frees up engine power that now available to the chopping drum.

Long-distance throws
With the trailer following behind, the crop stream needs to be ejected from the spout at a higher speed. A strong, tight stream is needed to cover the long distance over the tractor all the way to the tailboard of the trailer.

Efficient fills for great power economy

To avoid spillage while filling the trailer, the crop stream must be tight and the crop throw must be set to the exact distance. The operator can adjust the crop throw from the cab quickly and easily to the individual trailers. This is done by adjusting the hinged backplate of the crop accelerator. As the accelerator needs less power when the throwing width is short and the flap open, engine power is freed up and can be used for chopping, thus increasing the throughput.

Crop accelerator
The paddles are designed for powerful throws and guide the crop flow to the middle.

Setting the throw width
The crop throw is controlled via the hinged flap on the backplate of the accelerator. For a short throw, the flap moves out of the crop flow, so there is little contact between the crop and the accelerator. For a long throw, the flap moves into the crop flow, so there is more contact between the crop and the accelerator.

Joystick control
The crop throw is quick and easy to control from the buttons on the joystick control panel.

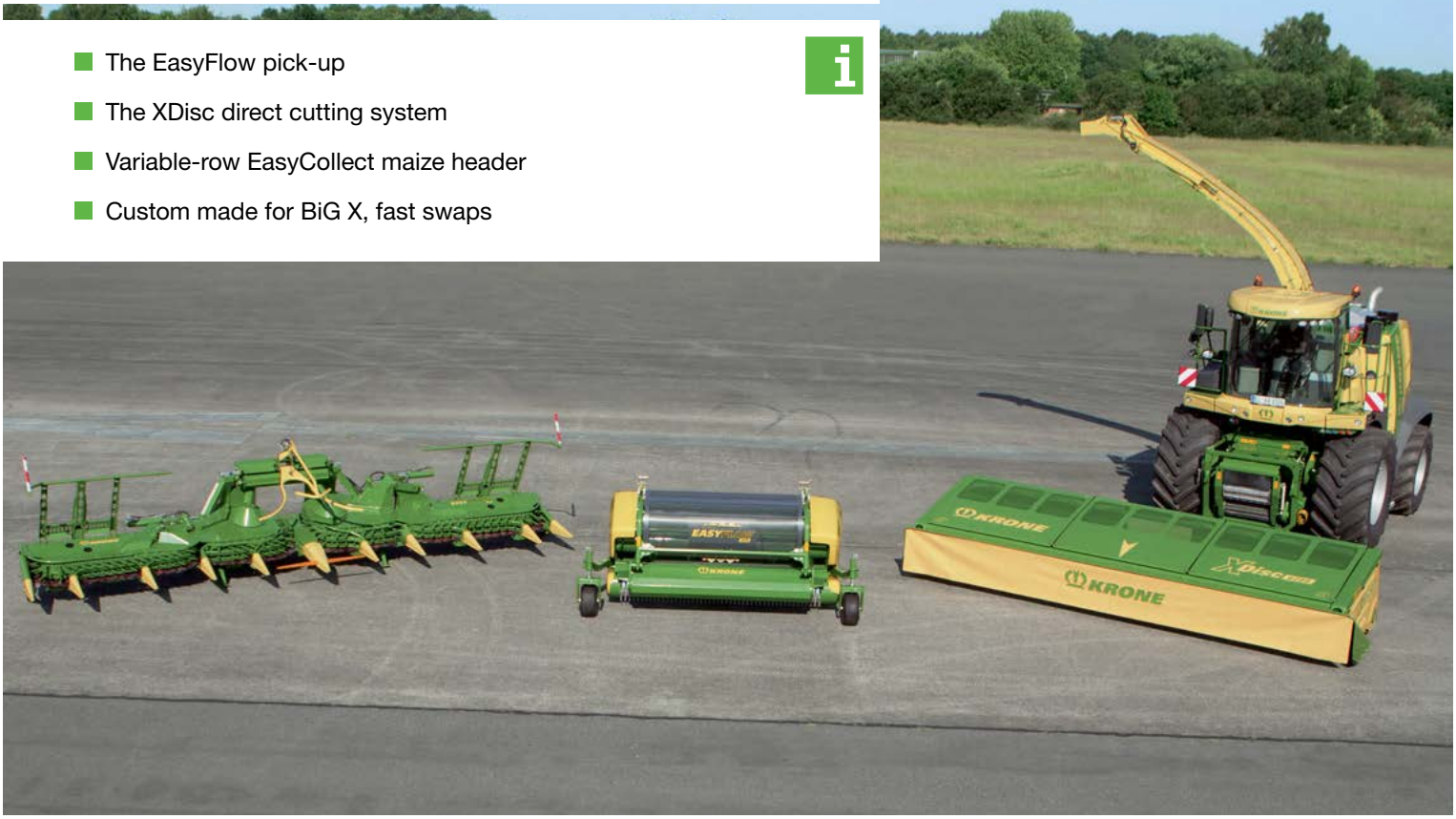
Controlled from the console
The additional crop throw control in the console offers operator comfort to the max.

Stepless electric motor control
The hinged flap on the backplate of the accelerator is adjusted steplessly via an electric servomotor.

Headers made by KRONE

The perfect team

- The EasyFlow pick-up
- The XDisc direct cutting system
- Variable-row EasyCollect maize header
- Custom made for BiG X, fast swaps



The header trailer

Our header trailers were developed to transport the XDisc direct cut header with 6.20 m (20'4") work width and the EasyCollect 1053 header with 10.50 m (3'5") work width safely from field to field.

The unit is less than 3.00 m (9'10") wide and has a long wheelbase making it easy to handle the header during attachment and removal. The trailer is braked and approved for 40 km/h (25 mph).

One for all

Annual uptime is the keyword when it comes to measuring a forage harvester's productivity. Spending more days in the field harvesting translates into lower costs and higher machine productivity. This is exactly what you get from a BiG X, because it comes with a great choice of different headers: the EasyFlow pick-up, the XDisc direct cut header and the EasyCollect maize headers ensure your forager is put to better and more constant use all year round Tailor-made for the BiG X, these bespoke KRONE headers are true workhorses and deliver a perfect job every time.

Pendulum frame
The rugged pendulum frame around the BiG X 'mouth' gives effective guidance to all headers and makes or easy attachment and removal.

Very adaptable
The impressively wide pivot range ensures perfect ground tracking on any terrain and clean crop intake.

EasyFlow 300S, 380S

The camless pick-up

- Camless pick-up:
  More output, quieter running, less wear
- Constantly variable speed control from the operator seat
- Automatic pick-up speed adjustment to the current forward speed

Two work widths

Working at widths of 3 m (9'10") or 3.8 m (12'6") and using six rows tines spaced at 55 mm, the camless KRONE EasyFlow pick-ups leave nothing behind – even at high work rates and in high-volume swaths. Depending on the swath width and work rate, you can vary EasyFlow rpm steplessly from the cab or have it matched automatically to the current forward speed without the operator interfering. EasyFlow 380 is delivered to specific markets.

EasyFlow – a KRONE exclusive!

The camless EasyFlow 300 and 380 pick-ups have no guide rollers or cam tracks. Compared with conventional pick-ups, EasyFlow has up to 58% fewer moving parts, which makes it impressively smooth running, low-wear and therefore inexpensive in service and maintenance. EasyFlow operates 30% faster for cleaner gathering and increased productivity.

The crop press roller
The rugged EasyFlow unit has proved its worth in the toughest conditions. Its massive crop press roller warrants a smooth and consistent crop flow.

Great comfort for easy work
When the machine reverses the cross auger and the large crop press roller are raised automatically giving easy access to the intake system so foreign objects that were detected by the metal detector can be removed conveniently. When work is resumed, the press roller and the auger automatically return to their working position.

Camless is better
The highlight of this pick-up is the special design of the galvanized scrapers that ensure a continuous and smooth crop flow when the tines retract.

Adapting all the time
Its stepless height adjustment function and adjustable spring-loaded suspension allows the crop press roller to roll smoothly and adapt easily to varying swath widths.


KRONE
HEI RG 50
EASYFLOW
KRONE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EasyFlow 300S, 380S

Professional and carefully designed

- EasyFlow 300 – 3 m (9'10") transport width
- Outer gauge wheels swing into place hydraulically
- One or two rolls in the middle for perfect ground contouring
- Replaceable wear plates from stainless steel in intake area
- Massive adjustable crop press roller

Rapid travel between fields
The unsteered and height-adjustable gauge wheels on the sides move hydraulically into transport position – simply upon a touch of button.

Excellent ground tracking
One or two rolls, depending on work width, run at the rear of the unit for optimum ground tracking. The rolls are height-adjustable.

High throughputs
The large, 600 mm (2') diameter auger performs impressively even in dense, over-long crops.

Top class comfort and performance

The EasyFlow 300 and 380 headers are top-quality products that cope with the most arduous conditions and yet offer maximum operator comfort.
To meet the ever tougher demands of the working farmer, we tap into our global experience to come up with products that improve your bottom line and make your work more enjoyable.

Hardox wear plates
Replaceable Hardox wear plates increase the life span of the trough in the intake area, are very durable and cope with the toughest field conditions. The infeed plates are toothed on one side and smooth on the other, the latter offering advantages in very long material.

Strong drive shafts
The drives for the pick-up and the auger are robust enough to handle even the toughest loads. They are fitted with automatic clutches for overload protection.

Pendulum frame
The sturdy pendulum frame on the intake system of the BiG X provides effective guidance for the EasyFlow pick-up and makes or easy attachment and removal.

XDisc 620

The direct cut head

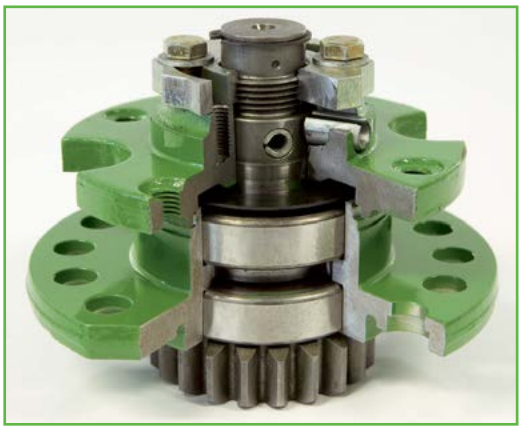
- 6.2 m (20'4") work width
- High throughput, low input
- KRONE EasyCut disc mower technology – proven the world over
- KRONE SafeCut: unique protection for mower discs
- Powerful auger with replaceable Hardox wear plates

Cutting and chopping in one pass

KRONE XDisc is the versatile specialist mower for whole crop silage that cuts the crop cleanly and without wastage. The huge 900 mm (2'11") diameter auger makes the unit enormously powerful and has no trouble picking up very long, bulky material.

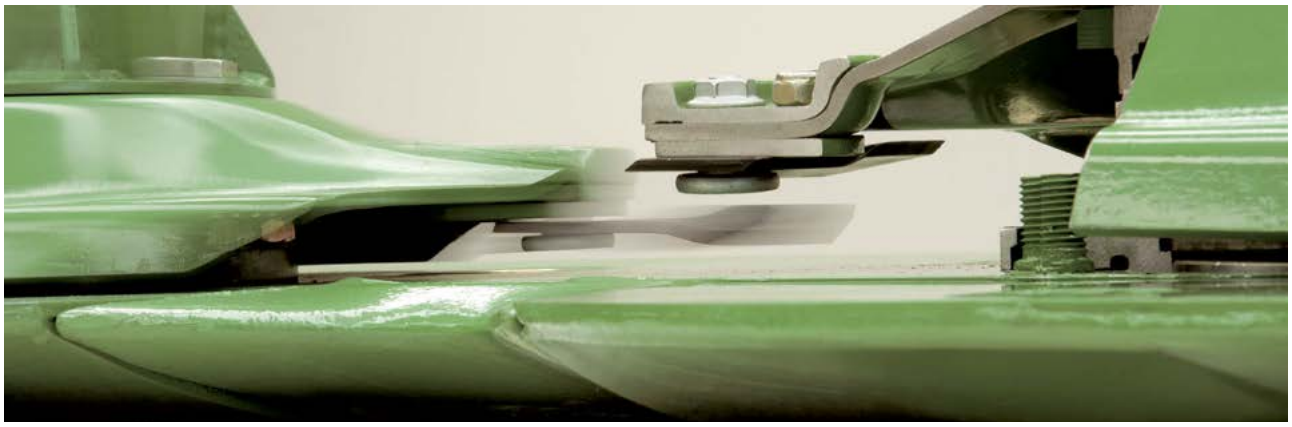
XDisc – your cutting edge

Whole crop silage is becoming more and more important in agriculture, both as animal feed and as raw material in the bioenergy industry. The 6.2 m (20'4") wide XDisc cuts and chops the crop in one pass.
The XDisc 620 is powerful and harvests without wastage and with an outstanding quality cut.



SafeCut – only from KRONE
You know it too well – Foreign objects can cause great damage and costly repairs. Not so if the KRONE SafeCut is in place, with its unique design that protects the mower discs against foreign objects. The XDisc comes with SafeCut as standard.

Safe as houses
If the system is suddenly overloaded, the impact is not directed to the spur gears in the driveline, instead a roll pin in the sprocket driveshaft shears off. The pinion shaft continues spinning, jacking up the disc in question, moving it out of the risk zone and the orbit of the neighbouring discs. As a result, SafeCut protects the spur gear driveshaft and the neighbouring discs against damage. The roll pins can be replaced in just a few minutes and cost next to nothing.



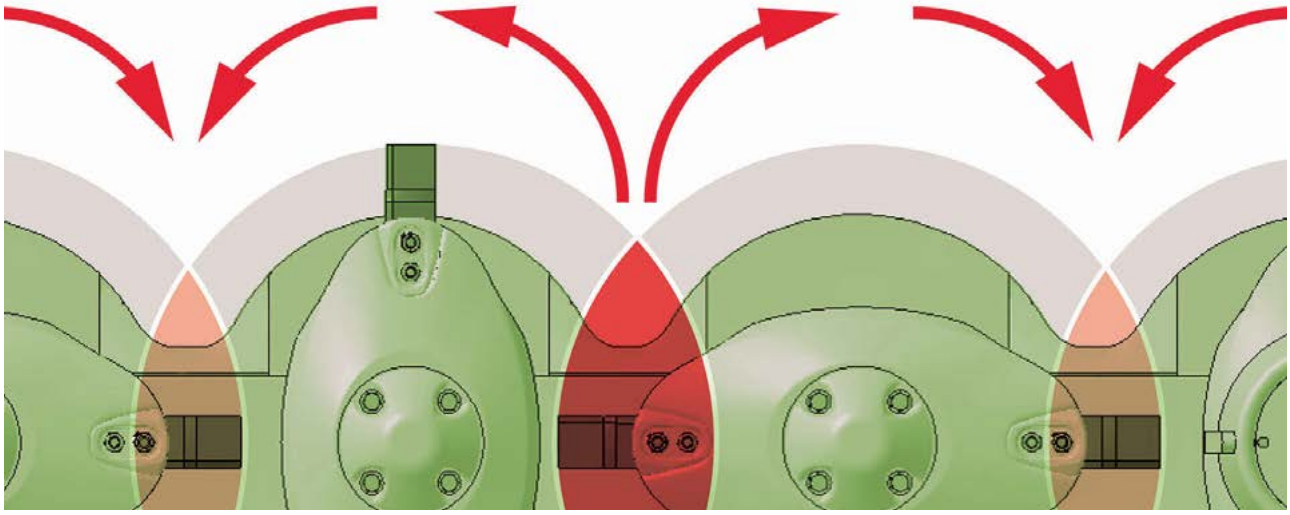
XDisc

The over-achiever

- SmartCut for a clean cut
- Quick-change blades
- Rugged tube hoop for fast attachment/removal and superior contouring
- Trailer for 40 km/h (25 mph)

SmartCut Stripe-free mowing

Because the mower discs turn in both directions, the individual orbits must overlap precisely to ensure stripeless cuts. Therefore we increased the overlap between those discs that turn outwards – for stripeless cuts. In addition, the blades turning to the rear are set further apart to encourage a smooth flow of large volumes of crop.



Proven in the field

The XDisc direct cutting system features the cutterbar technology of the EasyCut disc mower – a system that has proven its worth time and again the world over. SafeCut, SmartCut and the quick-change blades are just some of the outstanding features that make the XDisc indispensable. The XDisc works economically and produces a clean cutting pattern.

Changing blades in an instant
Quick-change blades are a must for many farmers and contractors, The blades are quick and easy to change in situ.

Strong throughput
The powerful, massive 900 mm (2'11") diameter auger works trouble-free even in dense and tall crops. The pivoting unit has a reversing mechanism and the auger flights have replaceable Hardox steel wear plates.

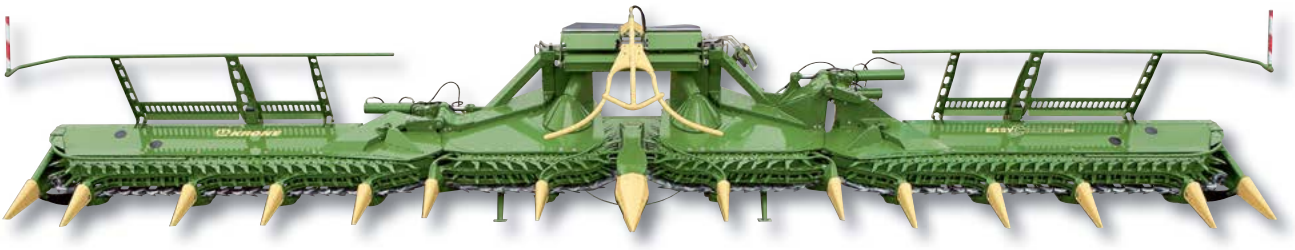
Safe on the road at up to 40 km/h (25 mph)
XDisc stores quickly and easily on the bespoke trailer with integral brake system for true peace of mind.

The driveline
The cutterbar is driven by a right-angle gearbox. The auger is driven by a chain. The overrunning clutch inside the cutterbar allows the discs to come to a standstill gradually instead of stopping abruptly when the mower is shut off. The auger features overload protection in the form of a star ratchet.

EasyCollect

Boosting your profitability

- A KRONE exclusive – up to 10.5 m (34'5") work width
- Top quality chop, fewer overlength fractions as stalks are fed in lengthwise
- Simple technology and low input power



Unique wingspan – enormous acreage

Working at widths of up to 10.5 m (34'5") , BiG X takes the widest variable-row width maize header in the world. The endless collectors feed the stalks to the middle where they are turned through 90° and pulled in lengthwise – ideal for a top quality chop with fewer overlengths.

EasyCollect – quality of chop starts at the header

The variable-row EasyCollect header is a versatile unit that feeds the stalks lengthwise into the machine, which translates into an unsurpassed quality of chop, as a coarse chop is the last thing livestock farmers or biogas producers want.
The unique collector principle cuts labour costs and has proved its worth time and again the world over.

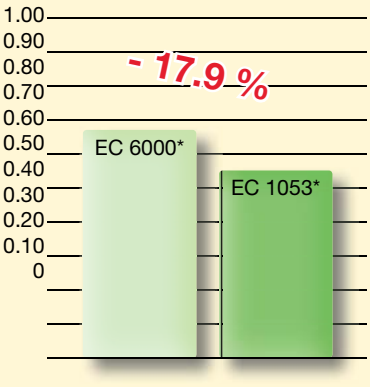
Compact transport width:
The three-section EasyCollect model

Pulling the crop over the blades
Rigid multi-section blades and endlessly moving blades combine to sever the stalks with scissor-like cuts. The blades are self-sharpening and easy to replace.

Model	Work width	No. of rows	Design
EasyCollect 600-2	6,00 m (19‘8“)	8	2 sections
EasyCollect 600-3	6,00 m (19‘8“)	8	3 sections
EasyCollect 750-2	7,50 m (24‘7“)	10	2 sections
EasyCollect 750-3	7,50 m (24‘7“)	10	3 sections
EasyCollect 900-3	9,00 m (29‘6“)	12	3 sections
EasyCollect 1050-3	10,50 m (34‘5“)	12	3 sections

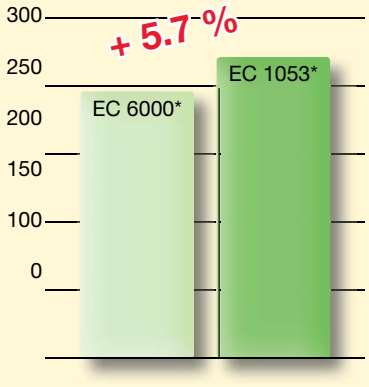
‘Small corn head versus big corn head’
LOC: 12 mm

Consumption (l/t fresh mass)



EC 6000 = 6.00 m work width*

Throughput (t fresh mass/h)



EC 1053 = 10.50 m work width*

Wider is better
Compared with the EasyCollect 6000 with 6.00 m work width, the EasyCollect 1053 with 10.50 m work width boosts the forager’s throughput by approx. 5.7%. What's more, fuel consumption drops by up to approx. 18% per tonne of chopped crop. Not only are wider heads more economically, they also have a quieting effect on the harvest chain.*

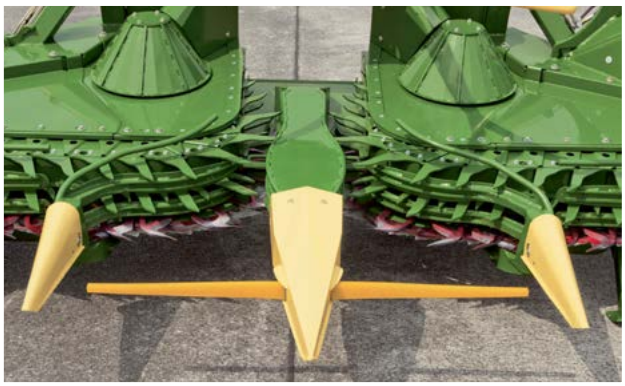
* Results from the 2006 workshop with leading agricultural magazines

Ingeniously simple – simply ingenious
EasyCollect maize headers have a simple, modular design with endlessly moving collectors. This design leads to a much lighter weight, less maintenance and a long service life.

Impeccable work
EasyCollect does an impressive job in any situation. Even single rows of maize are no problem: it cuts them cleanly, feeds the stalks towards the middle and on to the chopping drum. It is this smooth and lengthwise feed that accounts for the outstanding quality of the chop.

Uniform stubble height
The distance sensors on either end of EasyCollect help maintain a uniform stubble height even in undulating terrain. They signal EasyCollect to adjust the depth both across the width and in the direction of travel.

Optimum crop flow
The crop divider adjusts its height hydraulically to different stalk lengths, grabs the stalks at the top and pulls them into the machine. The divider folds up for road travel.



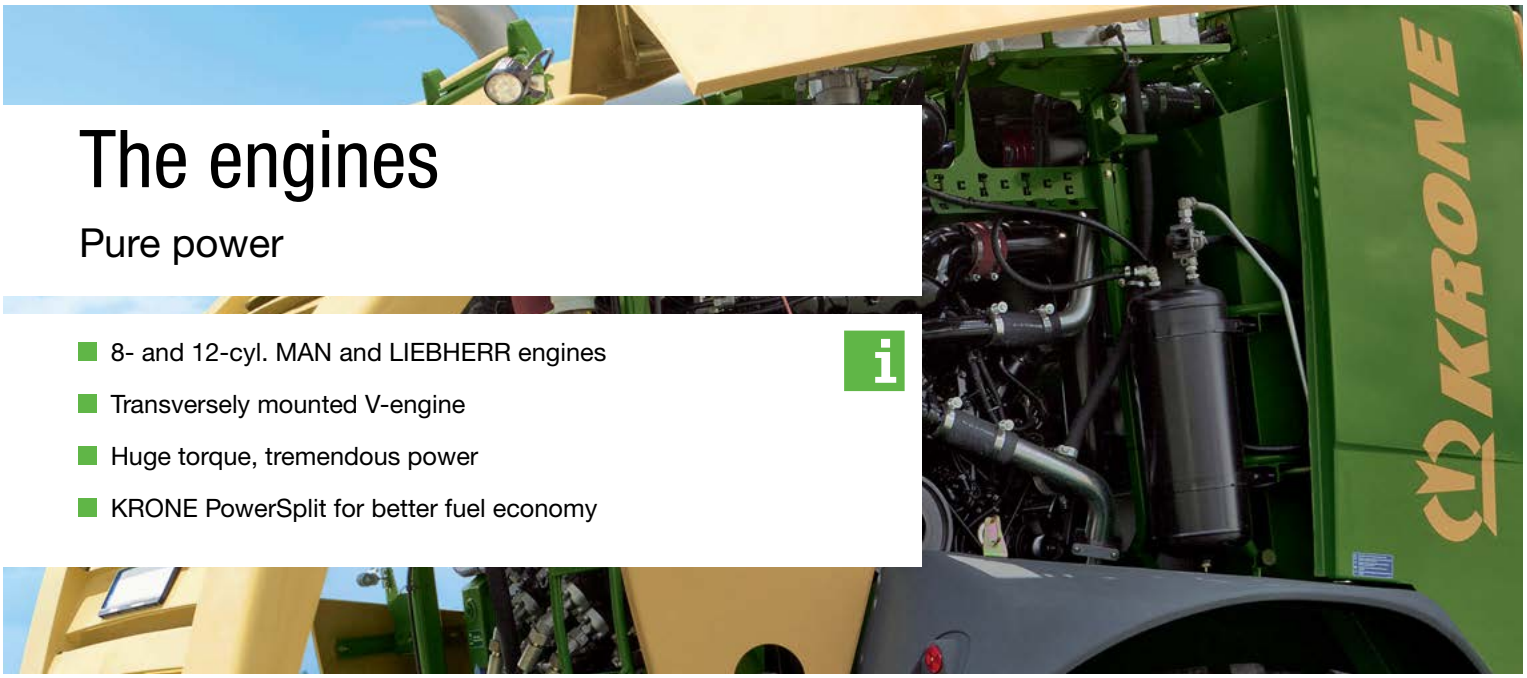
Perfect guidance
When Autopilot is enabled, the sensor arms on the central cone scan the distance between two crop rows. Then BiG X is guided automatically along that row, which helps reduce operator fatigue.

Widest intake system
The EasyCollect intake channel dimensions match the width of the chopping drum and ensure maximum throughput and a top quality chop. The inline flow of the crop and the large intake combine to provide a steady and very tidy crop feed.

The engines

Pure power

- 8- and 12-cyl. MAN and LIEBHERR engines
- Transversely mounted V-engine
- Huge torque, tremendous power
- KRONE PowerSplit for better fuel economy



Model	Engine		Engine capacity (l)	Constant engine output in kW/hp	Constant X Power output during chopping in kW/hp	Constant Eco Power output during chopping in kW/hp	Tank volumes Litres		
							Fuel	Auxiliary tank	Silage additives
BiG X 700	LIEBHERR D 9508	V8	16.16	528/718*	513/698	383/521	960	330 (option)	300 (option)
BiG X 770	LIEBHERR D 9508	V8	16.16	561/763*	543/738	376/511	960	330 (option)	300 (option)
BiG X 850	MAN D2862	V12	24.24	625/850**	605/825	468/636	960	330 (option)	300 (option)
BiG X 1100	MAN D2862	V12	24.24	816/1110**	793/1078	468/636	960	330 (option)	300 (option)

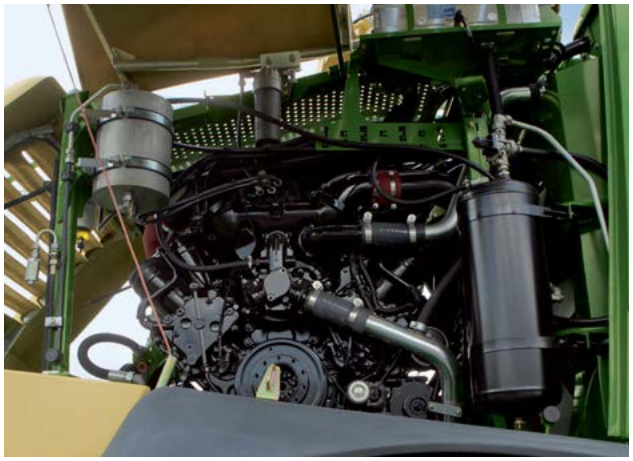
* Certified engine output to ECE R120 in kW/hp: 570/775 ** Certified engine output to ECE R120 in kW/hp: 816/1100

V-engine mounted sideways

The engine is mounted sideways for optimum weight distribution. The direct driveline to the crop flow components translates into great fuel economy. Common Rail injection technology makes these MAN V engines extremely fuel-efficient.

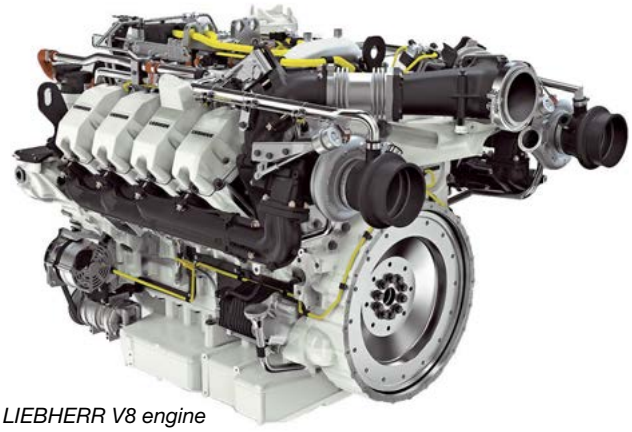
Intelligent cooling

To ensure the engine runs in the ideal temperature range, BiG X is equipped with a temperature-controlled hydrostatic fan. Slow fan speeds reduce fuel rates and noise levels.

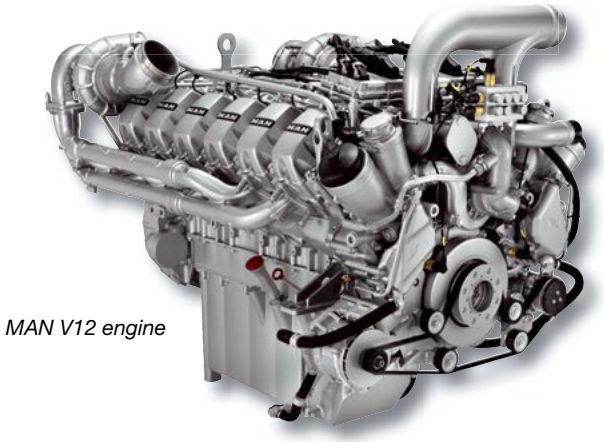


Compact powerhouses with 8 and 12 cylinders

Cutting-edge technology from MAN and LIEBHERR takes engine power and economy to a new dimension: Common Rail injection and optimal torque synchronization translate into smooth running, low fuel consumption, high efficiency and minimal maintenance. The innovative KRONE Power-Management system ensures ultimate efficiency and maximum throughputs.

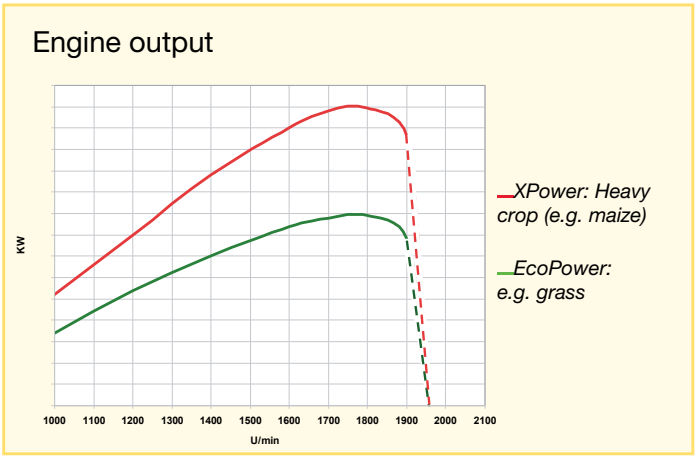


LIEBHERR V8 engine



MAN V12 engine

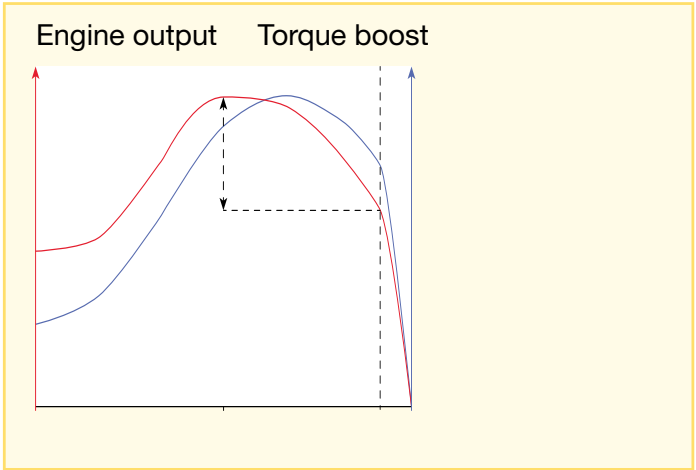
BiG X 700, 770, 850 and 1100: PowerSplit



PowerSplit adapts the continuous engine output automatically to the current harvest conditions. Eco Power is used in situations where it is not necessary to operate the forager at full power. XPower mode, the engine delivers maximum output to deal with tough conditions. This technology gives operators greater flexibility and saves fuel.

BiG X 700 – 770 Torque boost

To take the strain off the operator in extremely varying conditions, KRONE offers a torque boosting function for BiG X 700 and BiG X 770. Activate this boost at the touch of a button and you're perfectly equipped for the toughest conditions. This function also boosts profitability and improves operator comfort.



Power-Split

An extensive torque back-up and high engine elasticity ensure maximum operator comfort in extremely variable and tough harvesting conditions.

* Certified engine output to ECE R120 in kW/hp: 570/775 ** Certified engine output to ECE R120 in kW/hp: 816/1110

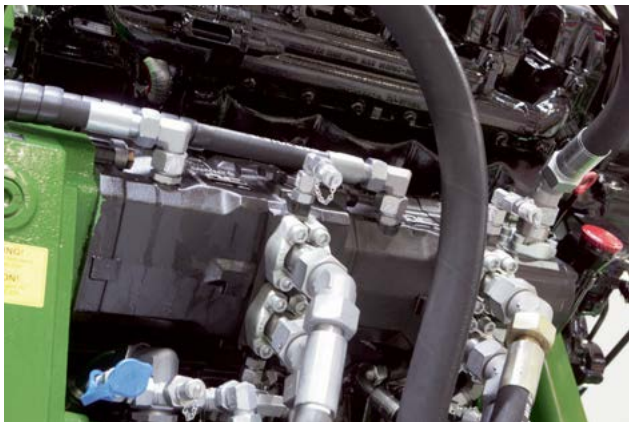
The driveline

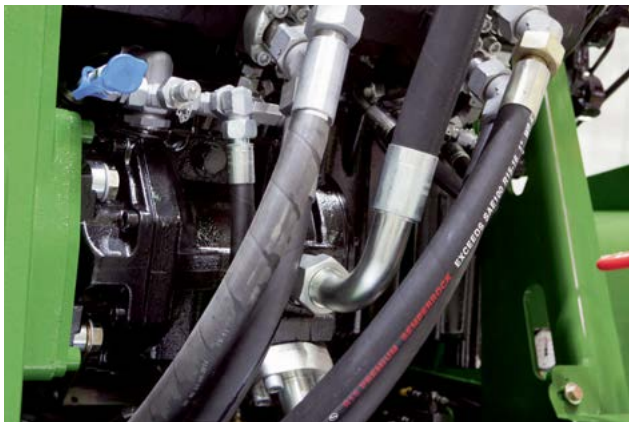
Stepless control

- Simple design
- Chopping drum driven by extra-strong poly V-belts
- Intake system driven hydraulically
- Headers driven hydraulically
- Wheels driven hydraulically

Clever design
The header and intake system are driven via oil pumps. This concept allows operators to adjust the header and intake speeds steplessly – ideal for adjusting automatically to varying harvesting conditions.

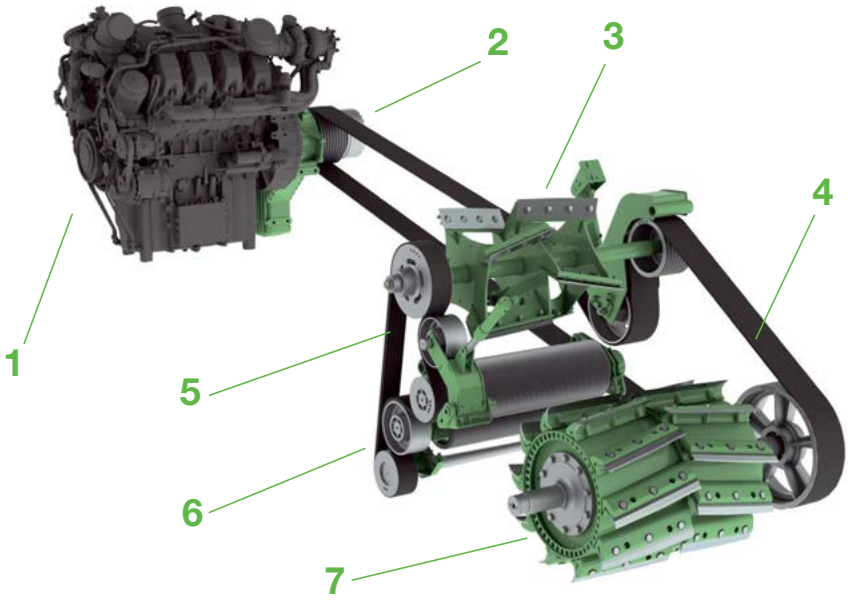
Ground drive
Courtesy of a hydro pump that is flange-mounted on the engine, BiG X travels infinitely variably. This is set either automatically or manually from the cab. The dependable powertrain guarantees maximum reliability.





Direct driveline – full throttle

The drives on BiG X are simple and laid out logically.
The transversely mounted engine not only enables the chopping drum to take engine power directly off poly V-belts but also efficiently. At the same time, the hydraulic power train to the wheel motors, the intake system and header frees valuable space to fit a bigger and more powerful chopping assembly and move this further to the rear of the machine.
The innovative drive system leads to an optimum weight distribution, more ground clearance and outstanding operator comfort at 40 km/h (25 mph).



1 Engine mounted sideways
2 Belt drive with drum brake
3 Crop accelerator
4 Poly V-belt for chopping drum and accelerator
5 Poly V-belt for corn conditioner
6 Corn conditioner
7 Chopping drum

Powering the assemblies
The chopping drum and the accelerator are powered directly by the sideways-mounted engine via a poly V-belt. The accelerator shaft drives the poly V-belt for the corn conditioner on the other side. To reverse the intake system and the header, the poly V-belt to the chopping drum is slackened.

Pure power
Poly V-belts maintenance-free and hard wearing. Running at a high speed, they transmit the full engine power without loss. They also score on smooth operation and copes well with temporary load peaks.

The running gear

Stepless, strong and nimble

- Optimum weight distribution Safe road travel
- Hydraulic 4WD – extremely manoeuvrable, 40 km/h (25 mph)
- High-drive wheel motors from Bosch-Rexroth
- Traction control with three travel modes
- ABS and spring-loaded steered axle

Optimum weight distribution
Using hydraulic wheel motors on all four wheels frees up space and allows the chopping drum and the intake rollers to move further to the rear. In addition, moving the sideways-mounted engine to the rear optimizes the weight distribution and operator comfort.

Steplessly at full throttle
The Bosch-Rexroth four-wheel drive via wheel motors provides a continuous and stepless 0-25 km/h speed range in the field and 0-40 km/h on the road while the planetary gears ensure smoothest start-offs and high traction.

Economical and comfortable

Right from day one, KRONE has fitted BiG X with a hydrostatic driveline which offers greater productivity and the potential for a higher level of automation along with enhanced operator comfort. Infinitely variable forward speed control is essential for automatic engine top speed control.

Cushioned road travel
The steered axle on the BiG X has standard springs for maximum operator comfort.

Traction control with three selectable travel modes
The operator decides which of the three travel modes to use. The mode that reduces wheel slip is usually selected when the focus is on protecting the sward. Maize foraging usually takes place in a mode that admits more wheel slip or even with traction control deactivated.

Fully manoeuvrable
The use of wheel motors allows the wheels to steer through extremely tight turns. Matching up has never been easier.

Custom-fit tyres
There is a choice of tyres available for BiG X. Big tyres increase the ground clearance, reduce compaction and enhance operator comfort.

The cab

Ultimate operator comfort

- Extremely spacious and quiet
- Maximum seating and operator comfort
- Excellent all-round vision

Wider, quieter and brighter
Feel at home in the spacious cab where slim posts offer great visibility of wide maize headers. Also, the double floor reduces the noise level at your work place. 16 H9 lights give perfect illumination and LED lights available as an option.

Perfect visibility
High side windows and slim posts give the operator an unobstructed view of the spout even at 6 m (19'8") filling heights, making overloading safer and more efficient.

A milestone in advanced ergonomics

Working days are long and often last deep into the night. So a comfortable workplace is a must. The big, new Silent Space cab is designed to the very latest ergonomic standards.
Providing generous space and an extra buddy seat, it offers a fully air-conditioned and absolutely functional working place, where the operator feels at home and has full command of all controls.

Ergonomic, convenient and easy to use
The ergonomic joystick with user-friendly icons gives the operator fingertip control of multiple machine functions. Designed specifically for BiG X, the slim stick falls easily to hand. With more than 20 programmed functions, it not only controls ground speed and direction of travel but also the header and spout.

Clear concept
The controls for lights, heating and air conditioning are arranged on a panel above the front window. The Follow-Home function lights your way as you get down from the cab. After you shut off the engine some headlights stay switched on for several minutes, allowing you to find your way safely.

Keeping you informed
The big 10" operator terminal records all machine data and displays them on the high-definition colour screen. Here you enter various settings, such stepless LOC control. The uncluttered console on the right houses all controls that operate the various machine functions, including ground drive and chopping drum drive.

Kitted out perfectly

Down to the very last detail

- Convenient and illuminated steps
- The spout swivels through 210° and is impact protected
- Spout lined with replaceable wear plates throughout
- Huge tank volumes, auxiliary tank, silage additive tank
- Auto lubricator for more convenience

Illuminated access steps
The steps are not steep and the climb is convenient. Four LED lights make it safe at night.

Automatic lubrication
The larger grease reservoir holds 12 kg of grease that is applied automatically reducing service and maintenance and extending service intervals.

Plenty of room
The spacious compartment offers plenty of room and has shelves and partitions for tidy storage.

Impressive down to the last detail

Professionals demand a lot from their forage harvesters. KRONE has listened to its users and designed the BiG X specifically to meet the demands of the professional users. These foragers stand out for their high operator comfort, low maintenance, optimum accessibility and many useful details that make it a popular machine around the world.

Loading to all sides
The spout moves through a 210° angle for easy unloading into trailers running on the right or left side or following behind – for loss-free fills in all situations.

Impact damage protection
The spring-loaded system breaks back when the spout knocks against something. This level of safety is essential. After the impact, the spout is moved back into position from the seat.

Light where it's needed
The optional LED lights on the spout provides optimum lighting when working in the dark. The lights adjust to the position of the spout flap so they shine where the light is needed.

For silage additives
A controlled silage additive applicator including an easy-access tank is an option on these BiG X models. The tank sits on the right platform next to the cab.

KRONE DigitalSystems

Simply more BiG X

DigitalSystems is the electronic control system from KRONE that optimizes machine utilization and operator comfort. It gives peace of mind in tough conditions and displays all relevant harvest data.

AutoScan

The photo-optical sensor in the middle of the maize header measures the maturity of the plant and automatically adjusts the LOC. Green maize is cut to longer lengths for a better structure and to reduce silage effluent in the clamp. When harvesting dry maize, the material is cut to shorter lengths for more effective compaction in the clamp. AutoScan reduces operator effort and saves fuel, because the stalks are only cut as short as necessary and not as short as possible. AutoScan comes as standard with all KRONE machines and is not an expensive extra.

ConstantPower

ConstantPower automatically adjusts the machine's ground speed to the engine loading. Select the desired engine loading at a touch of a button and the machine will adapt its ground speed fully automatically to the crop and material being harvested. This optional feature reduces operator stress and ensures maximum throughputs with minimum fuel consumption.

In combination with AutoScan, the system takes the overall quality of chop and machine performance to a whole new level.

ForageCam
As an optional extra, a CCTV camera on the spout remotely transmits footage to the forager's in-cab terminal and to the terminal on the trailer. The wireless camera captures the filling process and assists operators in utilizing the full trailer capacity and reduces fatigue at the same time. The system can be expanded to communicate with multiple receivers on all the trailers in the haulage chain.

RockProtect
The 6 pre-compression rollers are powerful and soft at the same time. The optional system provides intelligent protection from damage by stones as it fully automatically halts the pre-compression rollers within milliseconds after the RockProtect system detects a stone. The sensitivity of the system is customizable to your needs for peace of mind.

KRONE DigitalSystems

ISOBUS autoguidance

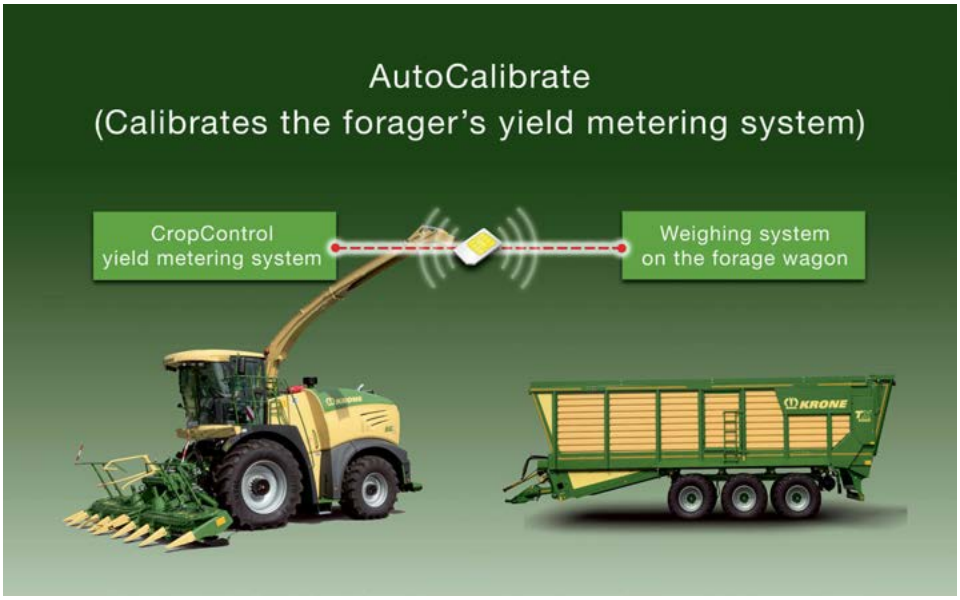
The guide to maximum work widths

ISOBUS autoguidance
As an optional extra, BiG X can be supplied compatible with ISOBUS guidance systems from various manufacturers. On the move, the operator activates autoguidance from the KRONE joystick simply by pressing a button and then watches how the system guides BiG X down the bout. Autoguidance reduces operator fatigue, boosts work rates also in broadcast seeded crops and increases efficiency.

CropControl
The optional KRONE CropControl yield metering system measures the volume of harvested crop quickly and accurately at the touch of a button. With CropControl you document all yield data from all fields harvested.

NIR crop moisture sensing
The optional NIR sensor provides exact information on crop moisture levels. The information can be allocated to the area harvested in the customer memory. The NIR sensor is easy to install on the BiG X spout and is protected from damage by a cover.

DLG FOKUS TEST 10/14 Feuchtemessung in Mais



AutoCalibrate
AutoCalibrate is the remote calibration tool for the BiG X's yield metering system. It operates via a weighing system installed on one of the trailers in the harvest chain.
Both the trailer and BiG X are equipped with data loggers that communicate via a mobile network. Calibration takes place while the 'calibrating machine' is being filled. AutoCalibrate is highly accurate and is the first system of its kind to eliminate the trip to the weighbridge.

Technical data

BiG X

			BiG X 700	BiG X 770	BiG X 850	BiG X 1100
Engine model			Liebherr D 9508	Liebherr D 9508	MAN 12 D 2862	MAN 12 D 2862
No. of cylinders			8	8	12	12
Engine capacity	Litres		16.16	16.16	24.24	24.24
Sustained engine power	kW/hp		528/718*	561/763*	625/850**	816/1.110**
Max. sustained X Power chopping output	kW/hp		513/698	5/3/738	605/825	793/1,078
Max. sustained Eco Power chopping output	kW/hp		383/521	3/6/511	468/636	468/636
Fuel tank capacity / auxiliary tank			960 / 330 as an option			
Silage additive tank			300 as an option			
Ground drive						
Model			Infinitely variable hydrostatic drive with wheel motors for up to 40km/h			
Speed in field mode	km/h		0 – 25 (15 mph)			
Speed in road mode	km/h		0 – 40 (25 mph)			
4WD & axle separation + anti-wheel slip control			Standard			
Axles						
Rear axle suspension			Standard – Hydraulic			
Drives						
Header			Infinitely variable			
Pre-compression rollers			Infinitely variable			
Pre-compression rollers						
Pre-compression roller throat volume			Funnel shaped			
Service position			Quick attach system (also with header attached)			
No. of rollers/metal detector/no. of magnet coils			6 / Standard / 6			
Metal detector - counterblade distance	mm		820 (2'8")			
Compression force/ throat opening volume	kg / l		4,600 / 158			
Chop length adjustment			Steplessly from the cab			
The chopping drums						
Drum width/diameter	mm		800 / 660 (2'7.5"/2'2")			
Arrangement of blades			Chevron style, at 11° to counterblade			
No. of blades			20, 28, 36, 40		20, 28, 36, 40, 48	
LOC range			5-29/4-21/3-17/2,5-15 (0.2"-1.1"/0.16"-0.8"/0.12"-0.7"/0.1"-0.6")		5-29/4-21/3-17/2,5-15/2,0-12,5 (0.2"-1.1"/0.16"-0.8"/0.12"-0.7"/ 0.1"-0.6"/0.08"-0.5")	
Cuts per minute			11,870/ 16,620/21,366/ 23,740		12,500/ 17,500/ 22,500/ 25,000/30,000	
Stepless chopping drum floor adjustment/ chopping drum floor suspension			Standard / Standard			
Corn conditioner						
105 teeth Standard profile / chrome-plated sawtooth profile			Option / Option			
123 teeth: Standard profile / chrome-plated sawtooth profile			Option / Option			
144 teeth: Standard profile / chrome-plated sawtooth profile			Option / Option			
166 teeth: Sawtooth profile			Option			
Speed differential	%		20/30 or 40 as an option			
Distance control from the cab in combination with auto lubrication			Standard			
Roller diameter/clearance	mm		250 / 0.5 / 7 (10"/0.02"-0.3")			
Disc conditioner			Option			

** Certified engine output to ECE R120 in kW/hp: 570/775 ** Certified engine output to ECE R120 in kW/hp: 816/1,110*
All specifications, weights and dimensions do not necessarily comply with standard specifications and are therefore not binding.

		BiG X 700	BiG X 770	BiG X 850	BiG X 1100
Crop accelerator					
Rotor diameter/width/no. of paddles		560 mm / 660 mm / 8 (1‘10“/2‘2“/0.3“)			
Paddle arrangement		centred and chevron-style			
Speed	rpm	2,360			
Steplessly adjustable backplate / spring-loaded backplate		Standard / Standard			
Spout					
Angle of rotation	Degrees	210			
Unloading height	mm	6,000 (19'8")			
Cross-section dimensions	mm	340 x 230 (1'1" x 9")			
Automatic mirror function/parking position		Standard			
Stepless speed control		Standard			
Rotary drive system		Gearboxes			
Spout lined with wear plates throughout		Standard			
Service & maintenance					
Auto lubricator with compressor		Standard			
Self-diagnosing system via operator terminal		Standard			
Cab					
Air seat and buddy seat		Standard			
Comfort air seat and buddy seat		Option			
Climate control with mobile cool box		Standard			
Wipers on front and side windows		Standard			
Dimensions					
Length/width*/height*	mm	7.950 - 9.450 / 3.000 - 3.460 / 3.940 - 3.995 (26‘1“-31‘/9‘10“-11‘4“/12‘11“-13‘1“)			
Base machine weight (without header)**	Approx. kg (lbs)	14,350 (31,636)	14,350 (31,636)	14,800 (32,628)	14,800 (32,628)
Weight distribution with EasyFlow 300 pick-up	F / R %	55 - 45			
Weight distribution with EasyCollect 900 (9.00 m ww)	F / R %	60 - 40			
Tyres* **					
Front axle	Standard****	650 / 75 R 32			
	Option	710 / 75 R 34			
	Option	710 / 70 R 42			
	Option	800 / 65 R 32			
	Option	900 / 60 R 32			
	Option	800 / 70 R 38			
	Option	900 / 60 R 38			
Rear axle	Standard****	540 / 60 R 30			
	Option	600 / 70 R 28			
	Option	710 / 60 R 30			
Headers					
EasyFlow: Pick-up	mm	3,000 – 3,800 (9'10"-12'6")			
EasyCollect variable row width header	mm	6.000 / 7.500 / 9.000 (19'8"/24'7"/29'6")		7.500 / 9.000 / 10.500 (24'7"/29'6"/34'5")	
Autopilot and active ground contouring for EasyCollect		Option			
XDisc – the direct cut head	mm	6,200			

** Depending on tyre configuration ** Depending on level of specification *** Does not combine with every tyre*
***** Limited use depending on header used*

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Innovative, proficient and close to our customers – these are the keywords that mark the philosophy of our family-owned company. As a forage specialist, KRONE manufactures disc mowers, tedders, rakes, forage wagons, round and square balers as well as the high-capacity and self-propelled BiG M mower conditioners and our BiG X forage harvesters.
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