



EasyCut

Mounted disc mowers



EasyCut BY

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KRONE – a successful tradition for more than 100 years

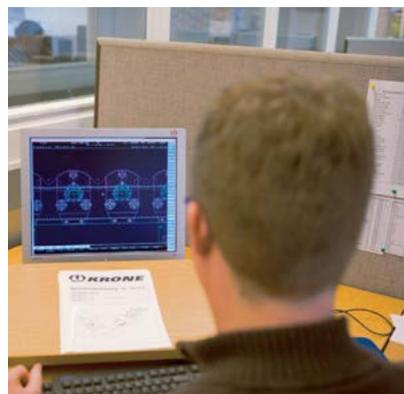
- Market leading
- Innovative
- Customer focused



KRONE has been an established brand name in the farming world for more than a century. What started out as a small blacksmith shop has developed into a leading forage specialist. It's the perfect mix of innovative power, market leader expertise and close customer relations that has made our company so successful for all these years. Our focus on quality and customer care has led to a large number of impressive and unique selling points.



It all begins with dialogue. KRONE engineers maintain a close relationship with our customers and distributors. Together they study markets, trends and needs.



Our designers use advanced computer technology to design new machines and simulate their in-field operation on computer screens. This way, they are able to begin with optimisation as early as in the design phase.



The next phase is building the prototype, a task that is entrusted to seasoned engineers, who assemble the new KRONE machine in close cooperation with the designers.



KRONE – we identify market trends ahead of time, maintain a close dialogue with our customers and spearhead new developments. Take our disc mowers: Right from the start, we focused on robust designs that deliver forage of an unusually high quality even in the most difficult conditions. As early as in 1982, we introduced the fully welded cutterbar and massive spur gears to drive the discs. After all, it is our philosophy to listen to our customers and implement their demands quickly and flexibly.



No computer simulation can replace in-field testing. That's why we subject our new machines to extensive trials in every part of the world and in all types of conditions to ensure the numerous test logs reflect the full spectrum of machine applications.

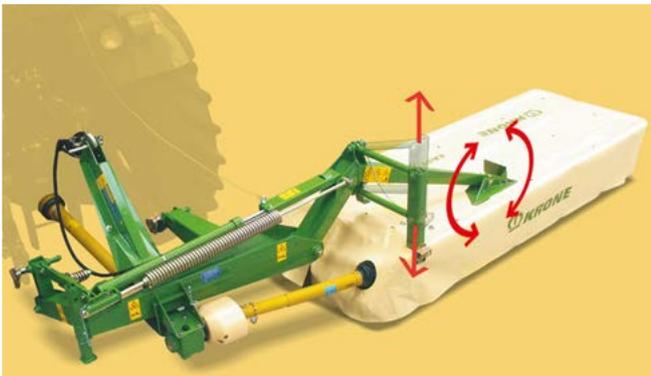
Quality pays. To produce quality products, we check and log every possible detail. On top of that, we call in external inspectors to carry out unbiased machine checks.

All this hard work pays off – as confirmed by our customers all over the world. Our ongoing dialogue and quality assurance programmes pay off. After all, it is for a reason that KRONE has become a worldwide synonym for first-class forage technology – made in Germany.



The cutterbar Depend on it

Fully welded and wedge-shaped cutterbar
– design and functionality



EasyCut DuoGrip – center of gravity suspension with dual control

Cutting at uniform ground pressure
across the full working width



EasyCut 280, 320

The rear-mounted disc mowers without conditioner,
working at widths up to 3.14 m (10'4")



EasyCut 400

The rear-mounted disc mowers without conditioners,
working at widths of 4 m (13'2")



EasyCut 280 CV-Q, 320 CV-Q, 280 CRi-Q

Available with optional CV steel tine conditioner
EasyCut 280 CRi-Q available with optional roller conditioner



EasyCut 28 CV, 32 CRi 32 CV FLOAT

The front-mounted disc mowers with conditioner:

- EasyCut 28 CV with V-steel tine conditioner
- EasyCut 28 CV with Floating System and V-steel tine conditioner
- EasyCut 32 CRi with roller conditioner



EasyCut 9140 Shift, 9140 CV, 9140 CV Collect

The triple mower combination brings ultimate efficiency. Working at a total width of 8.70 m (28'7"), the machines can also be specified with V-type steel tine conditioners and cross conveyor belts

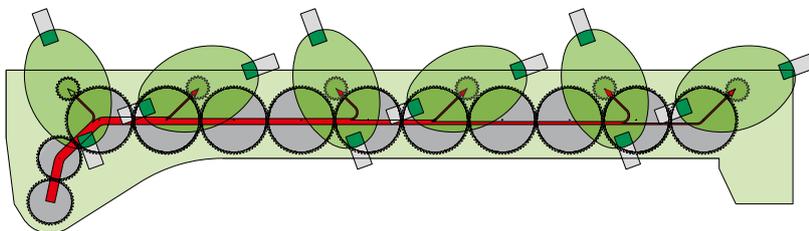




EasyCut – uniquely KRONE

- The cutterbar is permanently lubricated, fully welded and absolutely leak-proof
- Wedge-shaped profile
Clean cutting
- Extra wide and hardened flotation skids
- No inner shoe
Blockage-free mowing
- Massive spur gears
Efficient driveline

The KRONE EasyCut disc mowers provide cleanest and most accurate cuts. The enclosed and fully welded cutterbar operates dependably and leak-free for many years of hard work. Massive and oil-immersed spur gears ensure quiet and reliable running in permanent and peak-load operation. All EasyCut mowers feature wide floatation skids, which protect both the cutterbar and the turf. All knives feature the standard quick-change system.

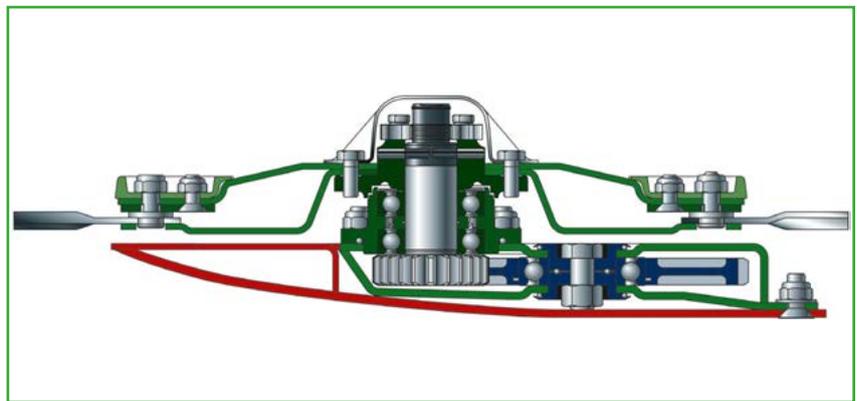


The established satellite drives – a KRONE development, which has proven extremely well all over the world since it was introduced in 1989. A driveline of massive spur gears with up to 66 teeth transfers the main drive power all the way down to the very last disc. The large-diameter gears rotate at reduced speeds, with a higher number of teeth meshing with the neighbouring gearwheels for even quieter running, ultimate efficiency and maximum longevity. The auxiliary gears drive one disc each and as a result are exposed to only minimum loading. The discs are arranged in a very forward position, which leads to substantial blade overlap and perfect cuts.

Straightforward: The gears just beneath the discs are mounted excentrically in the housing. These are removed from above complete with their bearings whereas the large gears on the main drive system are removed from the side.



The wedge-shaped cutterbar gives EasyCut the edge for better cuts – short in pastures and slightly longer in long-stemmed field crops. The wedge-shaped design provides a greater choice of settings and more options to deal with difficult conditions. As another KRONE advantage, the massive spur gears run in double bearings, which in turn are spaced wide apart to withstand high and permanent loading. The hardened discs spin in a massive and thick-walled mower bed, which offers full protection from any damage – for complete peace of mind. The SafeCut disc protection system consists of a threaded pin for the disc to jack up and a shear-off roll pin that offers maximum protection to the disc blades.



Rugged and absolutely leak-free: KRONE cutterbars are fully welded by advanced robot and CNC systems to meet the most exacting demands and quality standards. After all, the cutterbar is the heart of every disc mower.



No inner shoe: The cutterbar is powered via a right-angle gearbox, which is arranged immediately behind the inner top hat, a design that ensures blockage-free operation on the headland and in awkwardly shaped fields.



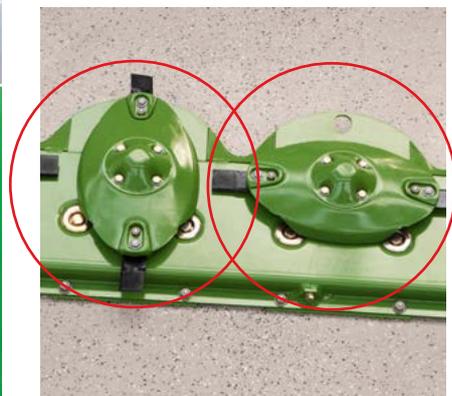
Uniform speeds: The direct drive system, which relies on driveshafts and gears, provides positive drive in heavy crop and at wide working widths. 1,000 rpm gearboxes are available as optional extras to suit a 1,000 rpm pto.



EasyCut – clean cuts, safe operation with SafeCut

- Standard quick-change blade system 
- The blade holders can be individually exchanged
- Full 360° knife spin
- SafeCut – separate shear-bolt protection for each EasyCut disc – all models with/without CV and CRi conditioner

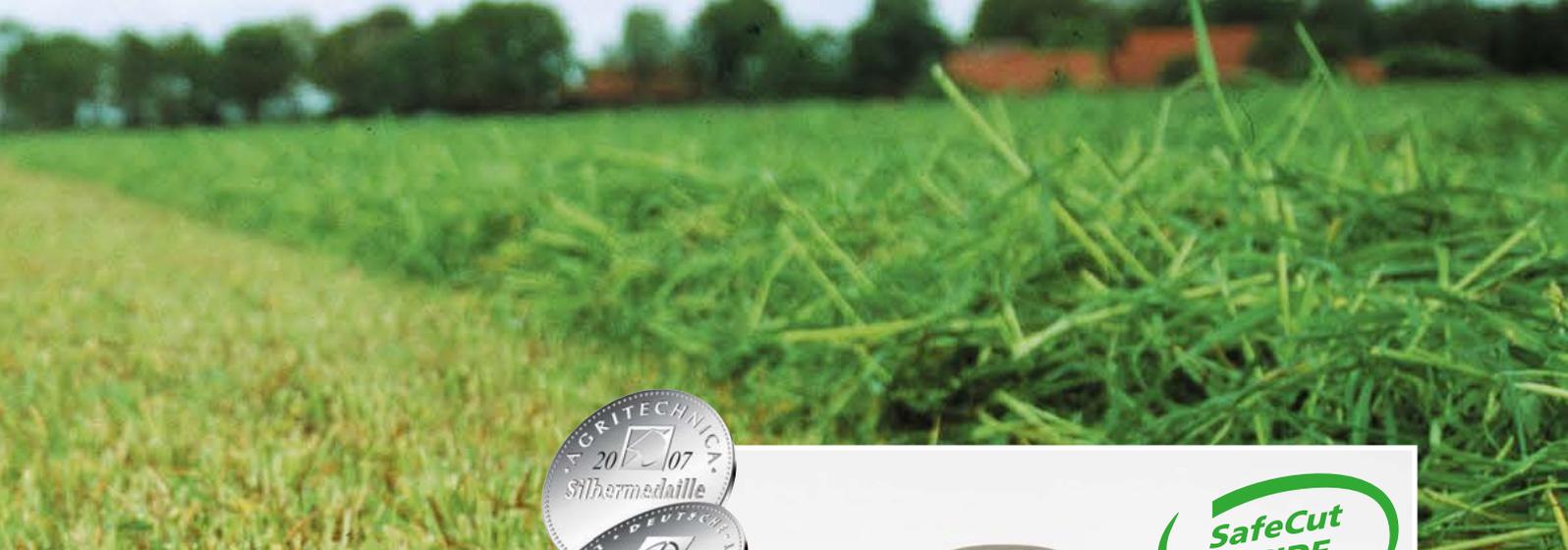
The wedge-shaped EasyCut cutterbar was developed over decades of mower manufacturing. The success of all KRONE disc mowers is based on their perfect performance, unmatched longevity and a host of unique selling points. EasyCut mowers deliver to customers needs. Quick-change blades, the driveline of satellite gears and the SafeCut shear-off system on all EasyCut mowers with / without conditioner are just some of the benefits EasyCut disc mowers offer to their users.



Worn knife pins and wear parts are not an issue for KRONE EasyCut, because they can be replaced in pairs. The pins may be substituted with threaded bolts upon request.

Floating over the turf, the bolted skids are extremely wide and are made from hardened steel. They give maximum turf protection. High-cutting skids are available to increase the cutting height by 30 mm (1.2") or 50 mm (2") depending on installation and cut longer than 80 mm (3") stubble.

Excellent cuts – 112 mm (4.4") knives mount on their individual discs in alternate arrangements, giving generous overlap. Impact stops are welded between the skids to protect the cutterbar from damage and deliver an excellent cut.



SafeCut – the new disc shear-off system brings unique protection and operational reliability to EasyCut mowers with and without conditioner. The situation is familiar to every farmer – a disc collides with a foreign object, is damaged and requires repair. Offering a maximum of protection, the KRONE SafeCut does not transfer the full shockload to the spur gears. Instead, the roll pin in the sprocket driveshaft breaks when there is a momentary overload. The pinion shaft continues spinning, jacking up the disc in question and moving it out of the risk zone and the orbit of the neighbouring discs. As a result, SafeCut prevents damage to the spur gears and the neighbouring discs.



Unlimited spinning: The knives are free to spin through 360°. They are hard-wearing and self-cleaning, well protected and will not foul with the knives on the neighbouring discs.

An ideal system that ensures there is no load on the roll pins during operation. The bearing is tensioned by a nut and two clamping screws. As a result, the roll pins do not suffer from material fatigue and even after many hours of operation they will break only at their built in load level.

The moment of impact: The roll pin shears off. This cuts the driveline and stops the disc, which jacks 15 mm (0.6") up a thread. This eliminates any risk of colliding and damaging the neighboring disc.



DuoGrip

The intelligent linkage system – a unique KRONE design

- i
 ■ Double mounting:
 center of gravity suspension,
 parallelogram linkage guidance
- Uniform ground pressure
 across the entire work width
- Large pivot range
 Perfect ground hugging
- Excellent guidance
 Clean cuts
 Less side thrust

A perfect and clean cut is at the heart of high-quality forage. As a result, it is not only the design of the cutterbar but also its suspension system that is important here. KRONE DuoGrip not only suspends the mower in its center of gravity but also provides the unit with lateral guidance. The system maintains the ground pressure across the full work width and provides highest stability, lowest weight and optimum side control.



Adjust the ground pressure conveniently to requirements. Easily adjustable coil springs provide quick and optimum adaptation to all conditions. The kinematics between the coil spring and the main beam maintain a nearly consistent ground pressure, even in undulating terrain.

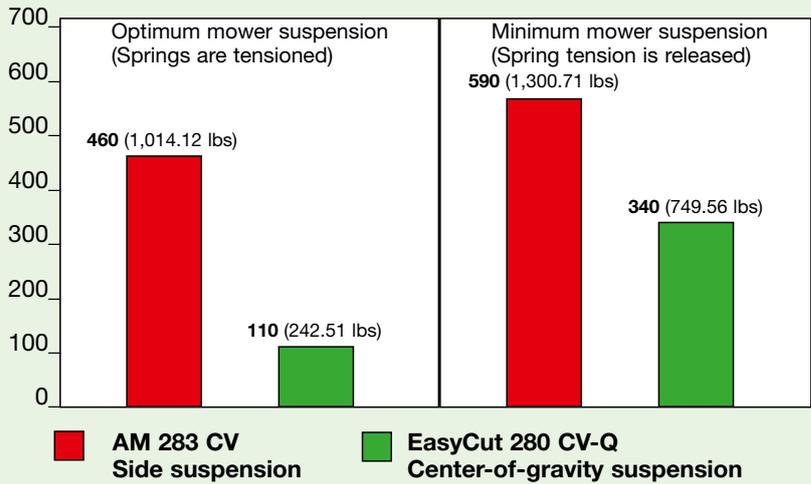
The beefy mower arm suspends the mower in its center of gravity. Its special design allows the machine to pivot through a wide angle. The unit suspends in a sturdy ball socket.

Spreading the load: The parallelogram linkage absorbs the lateral forces and guides the unit in direction of travel. At the same time, it helps reduce the load on the jib and the center-of-gravity suspension system.

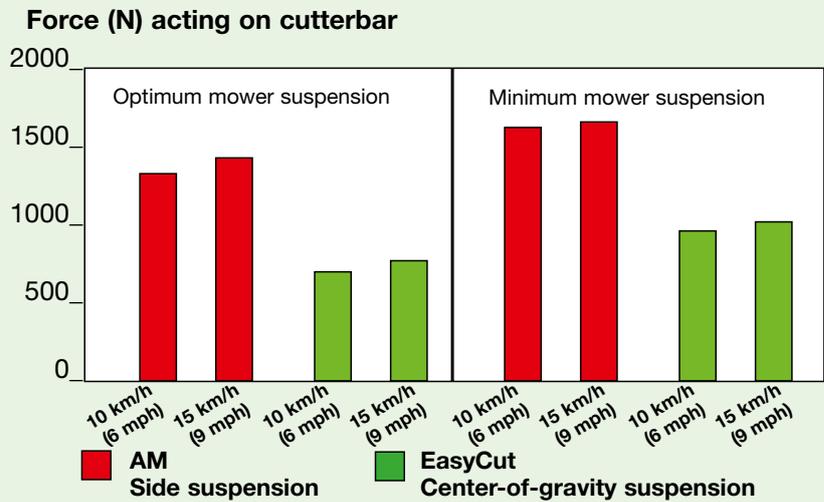


Less side thrust and less ground pressure – that's the immediate effect of DuoGrip with center of gravity suspension. These are the findings of field tests. In March 2006, the German agricultural magazine DLZ published a test that compared two suspension systems – lateral suspension (KRONE AM 283 CV) and center-of-gravity suspension (KRONE EasyCut 280 CV). The findings were that the KRONE central suspension or rather center-of-gravity suspension is clearly superior to lateral suspension. A measurably reduced side thrust also suggests reduced ground pressure in the field.

Mower ground pressure in kg



Side-pulling forces on AM and EasyCut



Center-of-gravity suspension and parallel linkage guidance



EasyCut 280, 320

Three-point linkage mowers without conditioners

- KRONE DuoGrip 
- KRONE impact damage protection for two-fold protection
- Cantilevered guard frame
- Efficient direct drive system relies on shaft and gearboxes
- Fully welded and wedge-shaped cutterbar

Are you looking for a high-capacity mower of a 3 m (9'10") work width? Then, the KRONE EasyCut 280 and 320 disc mowers with DuoGrip are for you. These machines stand out for an extremely low power input, maximum stability as well as superior specification levels and superior operator comfort. Enjoy the peace of mind that comes from the feeling of being properly geared for the job.



Strong and straightforward design: The sturdy headstock withstands the highest stresses and features a height-adjustable top link pin and a storage facility to accommodate the driveshaft on the parked machine.

Optimal attachment: EasyCut mowers feature reversible Cat. II or Cat II and III link arm pins, depending on model. These allow mower attachment to an offset position for full exploitation of the entire cutterbar width.

A unique KRONE design: This impact damage protection system offers two-fold protection – both to the total unit and to the cutterbar and its discs.



Buying a KRONE disc mower means buying into experience and expertise. KRONE is aware of farmers' needs and delivers the technology that enables them to maximise their profits. The EasyCut 280 and 320 models boast a host of innovative features such as the DuoGrip system with center of gravity suspension, a unique impact damage protection system, an efficient cutterbar drive system that relies on driveshafts, a fully welded and wedge-shaped cutterbar as well as quick-change blades. KRONE listens and delivers.



The perfect solution: When the impact protection system trips, the mower swings to the rear and lifts the 'cutting edge' out of work to glide over the obstacle – a system that provides maximum protection, in particular in rocky terrain.



Dependable: The special KRONE break-away pin responds instantly and dependably when one end of the machine hits an object. The spring loading is adjustable to suit conditions.



Long serving: The driveshaft boasts over-running and friction clutches between the main gearbox and the mower to provide maximum protection to the cutterbar, the universal joints as well as the tractor's pto.



KRONE is committed to enhance mower efficiency in any respect. Clean cuts, low input requirements and rugged stability are only a few of many criteria that justify the investment in a KRONE disc mower. At home and abroad, KRONE disc mowers perform successfully in a wide variety of conditions. The KRONE engineers are developing the designs constantly, incorporating new insights and feedback from the field to safeguard your success.



Smooth crop flow: All KRONE disc mowers without conditioner feature a cantilevered guard frame that makes for an unobstructed crop flow and uniform windrow formation.



Easy to maintain: The front section of the guard folds up for easy cleaning and blades replacement – a compact design that offers superb accessibility.



Pivoting through a wide angle: Their Z-type arms give the mowers a large vertical travel (29° up, 20° down) – ideal for bank and verge mowing.



Continued performance at high output levels requires not only a powerful machine but also ease of operation. With this in mind, KRONE specifies its EasyCut 280 and 320 disc mowers with single-acting rams that lift and lower the units on the headland and fold them into transport position. The driveshaft is protected by a stop to restrict lift height and the angle of articulation of the universal joints. At the same time, headland turns are easier thanks to a generous ground clearance. The three-point mounted EasyCut mowers do not require the link arms to raise when running over windrows.



Useful: Only one single-acting spool is required to swing the rear-mounted KRONE EasyCut 280 and 320 mowers from work position to headland or transport position and vice versa.



Safe road transport: The arm's low pivot point on the headstock brings down transport height and increases the ground clearance. So, don't worry when travelling underneath trees, bridges and overhangs.



Compact design: The special design of the mower arm and its low pivot point combines with the cutterbar gearbox mounted behind the inner top hat to provide an extremely narrow transport width and superb driver comfort.



EasyCut 400

Technology that delivers

- High workrates
- Low input requirement
- DuoGrip and center of gravity suspension
- Hydraulic impact damage protection
- Light weight
- Excellent value for money

We listen and respond by continually optimizing our technology, such as by expanding our work widths. Working at a width of 4 m (13'2"), the high-capacity EasyCut 400 stands out for easy handling, an excellent quality of cut and low input requirement.



A thought-through system: The 4 m (13'2") mower simply swings to the rear for road transport for easy passage under low gates and bridges.

Hydraulic changeovers from transport to work and vice versa: A double acting ram swings the mower into position. The system offers straightforward and convenient control from the cab via a double acting spool. Low in profile when in park position, the mower is transported at a generous ground clearance.



KRONE EasyCut 400 is a mounted mower that provides large work width. This cost-effective and efficient machine performs equally well in forage harvesting and field extensification. Depending on the design and the sense of disc rotation, this disc mower can spread and windrow the crop into two equal windrows. Features include the KRONE DuoGrip system that provides center-of-gravity suspension for superior balance and perfect cuts. The hydraulic impact damage protection system offers two-fold protection by allowing the mower to break back and lift out of work.



Hydraulic impact protection: The double acting ram that folds the unit into transport and work position also serves as impact damage protection system to give this mower the best protection it can possibly get.



Convenient: a hydraulic ram raises the machine on the headland. Linked to the ram that swings the unit in and out, this ram also provides for impact damage protection, as it instantly lifts the machine the moment the break-back system trips.



Flexible: EasyCut 400 features top hats in the middle which form two windrows that the tractor can straddle. You can replace these top hats by discs, if spreading and faster wilting is the aim.



EasyCut 280 CV-Q, 320 CV-Q

Featuring CV steel tine conditioner for top-quality forage

- Pivoting V-type steel tines 
- Mechanical 600 rpm and 900 rpm gearbox
- Steplessly adjustable baffle plate
- Massive 640 mm (2'1") tine rotor
- Adjustable wide-distributing hood
- 110° angle reduces transport height and enhances driver comfort

Efficiency is one parameter in hay and forage harvesting, quality is another. The high-performance KRONE CV conditioner with V-type steel tines evenly conditions the crop across the full working width to speed up wilting, reduce field traffic and produce top-quality forage.



Two in one: Cutterbar and conditioner share the same gearbox, which also integrates the two-speed mechanical CV conditioner gearbox (600 rpm and 900 rpm).



Full-width conditioning: The CV steel-tine conditioner covers the entire work width from the inner to the outer hat to provide absolutely uniform conditioning across the entire working width.



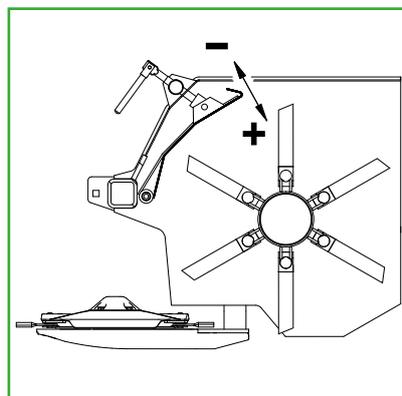
V-type pivoting steel tines and a steplessly adjustable baffle plate provide uniform crop treatment, reduce machine wear and optimise adaptation to crop conditions.



The V-type steel tines in combination with the baffle plate condition the crop at optimal intensity and without damaging the crop structure. Operators can set the windrow width to tractor track width and tire size and avoid tractor wheels running on the cut forage. This option offers great benefits on boggy terrain, where the mat is at risk of getting caked to the ground. These windrows are perfect for the following harvesters like round balers and forage wagons.



Stepless baffle plate adjustment: This crank provides convenient control of tine / baffle plate clearance and hence conditioning intensity. The narrower the clearance, the more intensive the conditioning.



High efficiency for high-quality forage: For high capacity, continuous crop flow and superior conditioning, the conditioner rotor boasts a 64 cm (2'1") diameter for truly high performance.

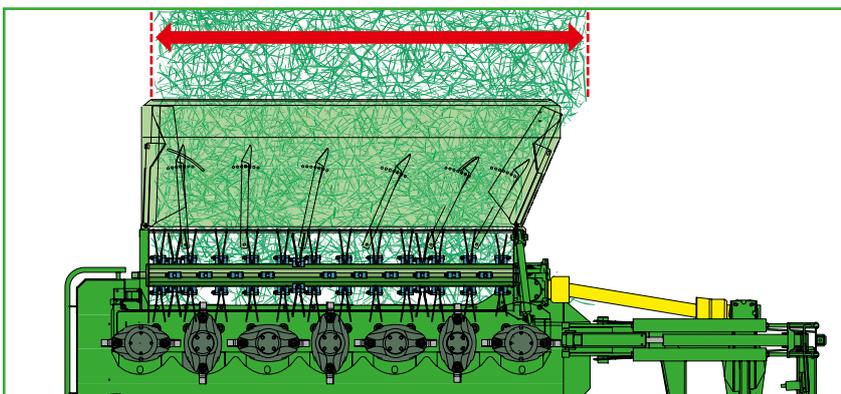


Raking wide and narrow: All EasyCut CV conditioner mowers feature outer guide plates, which swing in and out of position to adjust windrow width to requirement.



Wide spreading or narrow windrowing – as required

Scientific research has shown that wide spreading significantly enhances the fermentation process and the quality of feed. Accordingly, the wide-distributing hood not only spreads the crop across a wide area, it also produces light and fluffy windrows that eliminate one tedding pass at least and lead to higher milk production whilst reducing the requirement for feed additives.



Full-width conditioning: Specified with V-type steel tines and baffle plate, the conditioner spans the entire work width – from the left to the right top hat. The goal is a uniform crop flow across the entire work width and best conditioning results. Optional guide plates are available for wide spreading and even faster conditioning.



Full flexibility: The optional guide plates that are fitted for wide spreading feature a pin/hole setting system to adjust to requirement. Choose between narrow windrowing in wet and boggy terrain and wide spreading, if fast wilting is the priority.



The conditioners on the three-point mounted EasyCut CV and CRi mowers lead to a higher machine weight. Therefore, to get ready for transport these models swing into a 110° position behind the tractor, which shifts their weight to middle of the tractor axle and distributes it more evenly to both link arms to give the tractor a better ride when travelling at speed, through bends and on the slope. Moreover, this transport position offers the operator an unobstructed rear view from the right mirror.



Quick and easy: Upon arrival on the headland, the machine is lifted out of work by two single-acting rams. The tractor link arms do not move.



Transport/work changes: A double-acting ram folds the machine to the 110° transport position and actively lowers it back into work.



Low transport height: Thanks to its low pivot point on the headstock, the Z-type arm is able to fold even a 3.14 mm (10'4") EasyCut model sideways into the vertical transport position.



EasyCut 280 CRi-Q

Roller conditioner mower puts firm grip on crops

- CRi – the ideal conditioner for Lucerne 
- 25 cm (9.8") diameter rotor for smooth crop flow
- Polyurethane coating for long service life
- Separate roller drive for high throughputs
- Chevron profiled rollers for a firm grip on the crop

Delicate and broad-leaved crops as leguminosae are best conditioned by the interlocking KRONE CRi roller conditioner, which features two chevron profiled rotors. This conditioner is typically operated in Lucerne, where it ensures gentle treatment of the delicate leaves whilst crimping the stems to ensure faster and more uniform wilting.



Full-width conditioning: The full-width CRi rollers ensure uniform conditioning across the entire work width. Thanks to stepless adjustment of roller clearance and pressure, the system easily adjusts to the current crop yield and variety. The polyurethane coating gives lasting resistance to abrasion and wear.

250 mm (9.8") diameter: The massive CRi rollers ensure smooth and unobstructed crop flow whilst requiring only a low power input.



Leguminosae and herbs require a different type of conditioning than crops that are predominantly grass. Providing gentle treatment to leafy crops, the CRi roller conditioner leads to less fragmentation than a tined rotor, leaving the delicate leaves intact that are so rich in valuable protein to safeguard the value of farm-grown feedstuff. Spreading the crops wide, the system also makes for faster wilting. This optional CRi conditioner version complements the KRONE mower range to meet all farming needs.



Firm grip on crops: The large-diameter chevron profiled conditioner rollers interlock to crimp, rub and crush the crop at great intensity.



Positive drive: The roller conditioner system boasts a direct and slip-free gear-driven drive system. The bottom roller drive is integrated in the cutterbar gearbox behind the inner top hat.



Two rollers, two drives: The top roller, too, is actively driven by a separate gearbox on the right end of the cutterbar and is synchronised by the bottom roller.

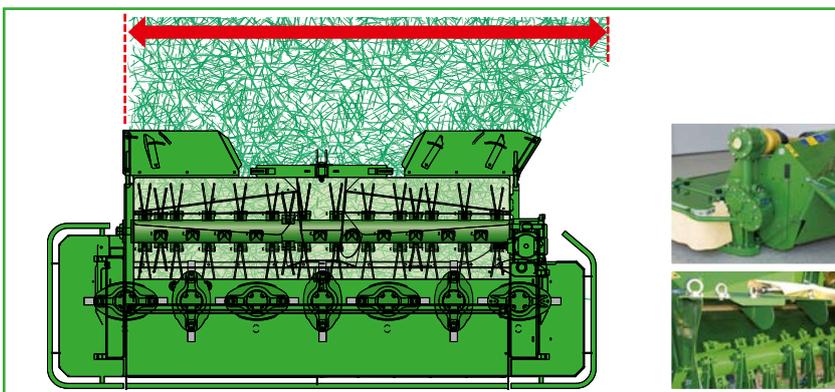


EasyCut 28 CV, 32 CV, 32 CV Float, 32 CRi

Front-mounted mowers with CV steel-tine conditioner or CRi roller conditioner

- Positive shaft/gear driveline
- CV conditioner with pivoting V-type steel tines
- Optional wide-spreading deflector plates on the CV conditioner
- CRi conditioner comprising two driven chevron profiled rollers. Each roller is 25 cm (9.8") in diameter
- EasyCut 32 CV Float with spring suspension system on headstock

Cutting and conditioning in one pass, the KRONE front-mounted mowers with CV steel tine conditioner and CRi conditioner rollers are the specialist machines for harvesting farm-grown forage at a professional level. EasyCut 32 CV Float features an integral spring suspension system on the headstock, offers easy attachment and removal and stands out for excellent ground hugging while maintaining a consistent ground pressure.



Full-width conditioning: Specified with V-type steel tines and baffle plate, the conditioner spans the entire work width. The goal is a uniform crop flow across the entire work width and optimum conditioning results. Additional guide plates are fitted for wide spreading and faster conditioning. The integrated mechanical gearbox offers two CV rotor speeds (600 rpm and 900 rpm).

The perfect match: KRONE offers adapters to fit into rigid lower link arms and a telescoping top link extension, which enable transverse ground tracking.



EasyCut 32 CV Float – unique functionality and handling. The headstock with integral coil provides the suspension the mower requires to follow all ground contours and produce a uniform cut while protecting the crop from contamination. The kinematics between coil spring and swing maintains a consistent ground pressure even when operating in undulating terrain. The Float system adapts easily to varying tractor coupling heights. The system gives you the flexibility to swap tractors without the need to converse the front linkage.



The CRi system: Chevron profiled and full-width 25 cm (9.8") diameter conditioner rollers ensure uniform conditioning across the entire working width. Roller clearance, contact pressure and windrowing plates adjust steplessly.



Positive drive: The gearbox-driven conditioning rollers feature hard-wearing polyurethane coating. The bottom roller gearbox forms an integral part of the cutterbar drive system while the top roller is driven by a gearing on the bottom roller.



EasyCut Float: As ground contours vary it is not only the suspended travel that varies but also the leverage of the swings, which are chain linked to the tractor. It is the ratio between spring resistance and lever quadrant that leads to a uniform ground pressure at all times.



EasyCut 9140 Shift, 9140 CV, 9140 CV Collect

The mower combination that boosts your outputs

- Sturdy three-point headstock, compact tractor attachment
- DuoGrip center of gravity suspension
- Ground pressure balancing system
- Impact damage protection system
- Operator box for a maximum comfort
- EasyCut 9140 Shift with telescoping arms

KRONE is committed to continuously advancing the efficiency of our machinery. The KRONE mower combinations maximize your efficiency and profitability. Take your choice – the 8.70 m (28'6") EasyCut 9140 Shift with telescoping arms, EasyCut 9140 CV with conditioner and EasyCut 9140 CV Collect with cross conveyors.



Compact, straightforward and sturdy: The three-point headstock features impact damage protection and two rams that lift out the mowers. The suspension arms are mounted to a unique and straightforward concept, which results in easy operation.

DuoGrip center of gravity suspension: The center of gravity suspension system guarantees a uniform ground pressure across the entire work width, easy pulling, great ground contour hugging as well as a large pivot range.

Optimum ground pressure through adjustable springs: Adjustable coil springs provide optimum adaptation to any condition. There is no scuffing and the mower pulls more easily. The spring tension is set on turnbuckles.



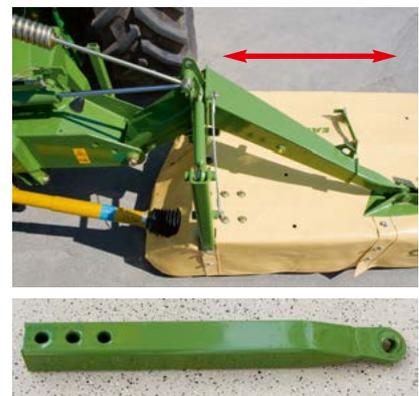
KRONE mower combinations tick all boxes – wide working widths, an enormous efficiency, light weight, low tractor input for this output bracket and suiting the existing tractor. While the front-mounted mower prevents the tractor from running in standing crops the overall setup allows up and down operation. The distance between the two EasyCut 9140 Shift side mowers is adjustable to vary overlaps. This is a special boon when using a 3.14 m (10'4") front mower as it allows increasing overlaps by up to 50 cm (1'8") to eliminate striping in bends and on slopes.



Patented suspension balancing system: This patented system distributes the ground pressure evenly on both mowers to guarantee cleanest cuts also in rough terrain.



The driveline: Mounted centrally on the main frame, the main gearbox sends the tractor power down straight drivelines, which feature integral friction clutches and overrunning clutches to protect the mower and tractor from overload. Required pto speed is 1,000 rpm.

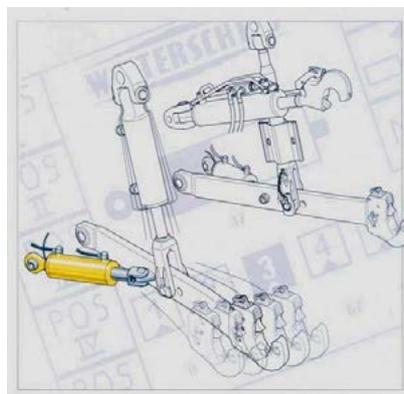


The Shift system varies the distance between the two side mowers by telescoping each mower arm. The pin-hole system sets the overlap to 38 cm (1'3"), 44 cm (1'5") or 50 cm (1'8"), a boon when using a 3.14 m front mower.



Impact damage protection is the standard

Safety is another important area of excellence. For example, EasyCut 9140 pivots through a 1.40 m (4'7") arc as the entire mower rather than just the cutterbar breaks back upon impact. Once the obstacle is passed, the unit returns automatically into its working position.



Adjust to conditions: These mowers feature a coil spring that sets the tripping force of the impact damage protection system so this triggers within seconds upon impact.

Nothing is left behind. A hydraulic ram as available from parts stores can be installed to the tractor linkage to implement overlapping in extremely steep conditions and during headland turns. Operated from the tractor, the ram offers convenient and effective side shifting for the two rear mowers.

Exemplary: This uncluttered operator box controls transport and work position as well as the lift/lower functions for either individual or all units. In addition, the unit controls the respective solenoid valves.



KRONE mower combinations are scientifically designed and fine-tuned to operator needs and comfort. For example, they provide the flexibility to cut awkward areas with one, two or all three mowers lowered into work. Like all CV conditioner mowers, the EasyCut 9140 CV combination features a 600/900 rpm mechanical gear-box that varies the conditioner speed. Optional deflector plates are available to allow wide spreading and faster wilting. KRONE mower combinations are specialist machines that are committed to quality and delivery.



Top-quality forage: The full-width and high-performance conditioner features pivoting V-type steel tines and steplessly adjustable baffle plates. Steel tines are extremely hard-wearing and lasting.



One, two or three mowers – any combination will go. When out of work, the mowers are in raised headland position. The combination is cutting wedges or awkwardly shaped plot.



Compact mobility: A narrow 3.00 m (9'10") transport width and less than a 4.00 m (13'2") transport height make for safe travel on busy public roads. The operator enjoys full visibility while close tractor attachment allows travelling at swift speeds.



EasyCut 9140 CV Collect with cross conveyors

Three into one, two or three will go!

- Tedder tray for smooth crop flow
No losses
- Infinitely variable conveyor speeds
- Separate conveyor lift-out
- Automatic conveyor shut-off/on during lift and lower



The demands on a machine vary as the setting changes in which it is operated. Accordingly, KRONE delivers EasyCut 9140 CV in a choice of different specifications that cater for different local conditions.

These options include the hydraulic cross conveyors, which feed the crop to the middle of the machine. KRONE delivers to farmers' needs.



Firm grip on the crop: Nothing is left behind when the hydraulic cross conveyors start moving. These wide belts feature welded slats to feed huge masses of material in a smooth and continued flow to the center of the machine.



Powerful hydromotors and infinitely variable conveyor speeds allow setting windrow widths to the requirement of the following harvester. The motor automatically shuts off as the belts lift out and back on when they lower back into work.



Separate hydraulic system: Oil supply to the cross conveyor comes from a separate oil reservoir, which gives independence from the tractor's hydraulic system. An oil cooler protects the system from overheating.



Cross conveyors boost efficiency. This specification is particularly beneficial in operations that do without windrowing, turning and tedding. Feeding the crop to the center of the machine for windrowing, the belts have proven equally well in hay and wet silage, where they enable easy pick-up by the following harvester. A triple mower system that uses only one cross conveyor in up-and-down operation will produce four windrows from a total working width of 17.40 m (57'1"). These four windrows total up to 11.50 m (37'9") and are ideal for further wilting and windrowing by a central four-rotor windrower in one pass.



Nothing is left behind: CV mower conditioners that are specified with cross conveyors feature solid V-type steel tines and a steel tray underneath the rotor, which collects every single haulm.



Operator box: The uncluttered operator box controls mower and conveyor lift/lower functions as well as conveyor speeds, for which the system relies on a potentiometer.



Great flexibility: If the priority is spreading rather than windrowing, simply swing the two conveyors out of the crop flow – hydraulically and conveniently from the tractor seat. Wide spreading leads to faster and more uniform wilting.



Technical Data EasyCut

Front-mounted disc mowers with conditioner

Model		EC 28 CV	EC 32 CV Float	EC 32 CRi
Work width	approx. mm	2,710 (8'11")	3,140 (10'4")	3,140 (10'4")
Transport width	approx. mm	2,565 (8'4")	3,000 (9'10")	3,000 (9'10")
Conditioner		Pivoting V-steel tines	Pivoting V-steel tines	Profiled rollers
No. of discs		4	5	5
No. of top hats		2	2	2
SafeCut		Standard	Standard	–
Quick-change blades		Standard	Standard	Standard
Wide spreading		Option	Option	–
Windrow width	approx. mm	1,200 - 2,700 (3'11" - 8'10")	1,300 - 3,100 (4'3" - 10'2")	1,300 - 2,000 (4'3" - 6'6")
Conditioner speeds	rpm	600 and 900	600 and 900	760
Rotor diameter	mm	642 (2')	642 (2')	–
Press diameter	mm	–	–	250 (9.8")
Conditioner width	mm	2,055 (6'8")	2,490 (8'2")	2,410 (7'10")
Area output	approx. ha/h (acres/hr)	3.0 - 3.5 (7.0 - 8.5)	3.5 - 4.0 (8.5 - 10.0)	3.5 - 4.0 (8.5 - 10.0)
PTO speed	rpm	1,000	1,000	1,000
Dead weight	approx. kg (lbs)	880 (1,940)	980 (2,160)	980 (2,160)
Power requirement	kW/hp	51 / 70	60 / 82	60/82



Rear-mounted mowers without conditioners

Model		EasyCut 280	EasyCut 320	EasyCut 400
Work width	approx. mm	2,710 (8'11")	3,140 (10'4")	4,000 (13')
Transport width	approx. mm	1,830 (6')	1,830 (6')	1,700 (5'6")
Transport height	approx. mm	3,500 (11'5")	3,650 (11'11")	1,500 (4'11")
No. of discs		4	5	5
No. of top hats		2	2	4
Quick-change blades		Standard	Standard	Standard
SafeCut		Standard	Standard	Standard
Area output	approx. ha/h (acres/hr)	3.0-3.5 (7.0-8.5)	3.5-4.0 (8.5-10.0)	4.5-5.0 (11.0-12.0)
Weight	approx. kg (lbs)	620 (1,367)	699 (1,541)	960 (2,116)
Power requirement	kW/hp	40 / 55	50 / 68	59 / 80
Hydraulic couplers		1 sa	1 sa	1 sa / 1 da
Link arm pins		Cat II	Cat II	Cat II & III
PTO speed	Standard rpm	540	540	540
	Optional rpm	1,000	1,000	1,000

Rear-mounted disc mowers with conditioner

Model		EasyCut 280 CV-Q	EasyCut 320 CV-Q	EasyCut 280 CRI-Q
Work width	approx. mm	2,710 (8'11")	3,140 (10'4")	2,710 (8'11")
Transport width	approx. mm	1,960 (6'5")	1,960 (6'5")	2,010 (6'7")
Transport height	approx. mm	3,270 (10'8")	3,680 (12')	3,270 (6'5")
Transport position		110° upward	110° upward	110° upward
No. of discs		4	5	4
No. of top hats		2	2	2
Quick-change blades		Standard	Standard	Standard
SafeCut		Standard	Standard	–
Conditioner speed		600 & 900 rpm	600 & 900 rpm	760 rpm
Rotor diameter	mm	642 (2')	642 (2')	–
Roller diameter	mm	–	–	250 (9.8")
Windrow width	approx. mm	900-2,060 (2'11"-6'9")	900-2,060 (2'11"-6'9")	900-2,060 (2'11"-6'9")
Spreading width	approx. mm	2,710 (8'10")	3,140 (10'4")	–
Area output	approx. ha/h (acre/hr)	3.0-3.5 (7.0-8.5)	3.5-4.0 (8.5-10.0)	3.0-3.5 (7.0-8.5)
Weight	approx. kg (lbs)	1,060 (2,336)	1,180 (2,601)	1,060 (2,336)
Power requirement	kW/hp	58/80	66/90	58/80
Hydraulic couplers		1 sa / 1 da	1 sa / 1 da	1 sa / 1 da
Link arm pins		Cat II & III	Cat II & III	Cat II & III
PTO speed	Standard rpm	540	540	540
	Optional rpm	1,000	1,000	1,000

All specifications, weights and dimensions do not necessarily comply with standard specifications and are therefore not binding.



Technical Data EasyCut

Mower combination

Model		EasyCut 9140 Shift	EasyCut 9140 CV	EasyCut 9140 CV Collect
Total work width	approx. mm	8,460-8,700 (27'9"-28'6")	8,700 (28'6")	8,700 (28'6")
Work width / rear-mounted mower	mm	3,140 (10'3")	3,140 (10'3")	3,140 (10'3")
Total transport width	approx. mm	3,000 (9'10")	3,000 (9'10")	3,000 (9'10")
Storage height	approx. mm	3,800 (12'5")	3,800 (12'5")	3,800 (12'5")
No. of discs*		10	10	10
No. of top hats*		4	4	4
Quick-change blades		Standard	Standard	Standard
SafeCut		Standard	Standard	Standard
Conditioner		–	Pivoting V-steel tines	Pivoting V-steel tines
Rotor diameter	ca. mm	–	642 (2')	642 (2')
Conditioner speed	rpm	–	600 and 900	600 and 900
Wide spreading deflector boards		–	Option	Standard
Cross conveyors		–	–	Standard
PTO speed	rpm	1,000	1,000	1,000
Tractor couplers incl. separate mower lift-out		2 sa	2 sa	2 sa
dead weight*	kg (lbs)	1,550 (3,417)	2,540 (5,599)	2,540 (5,599)
Power requirement	kW/hp	88/120	118/160	125/170
Area output min. ca.	ha/h (acre/hr)	9 - 12 (22 - 29)	9 - 12 (22 - 29)	9 - 12 (22 - 29)

* w/o front-mounted mower

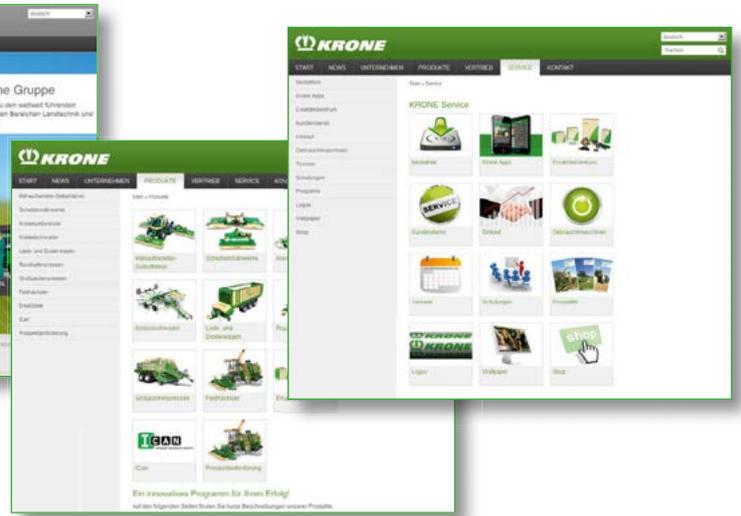
Original parts are more cost-effective, because it is approved quality that really pays. Haven't you been through the experience that your local dealer claimed a part was high-quality and then it turned out that it did not work? Tests conducted by agricultural magazines have shown that manufacturer-tested quality parts last longer and operate more reliably. Do not compromise on quality and trust in Original KRONE parts.





Operating in Germany, Austria, Australia, Russia and the US, KRONE disc mowers have proven in the fields around the world. This sweeping success is founded on highest-quality machinery and an exemplarily large range of machine versions to choose from. After all, varying crops and conditions call for bespoke equipment. KRONE gives you true peace of mind. We offer award-winning features – conditioners, wide spreading systems, SafeCut – that give you the competitive edge. KRONE mowers – made by professionals for professionals.

KRONE Internet



Discover the world at KRONE and browse through our website pages to find facts and figures and also new developments plus a wide range of services. Explore our website and find out how versatile the KRONE world is.



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Find extensive information on our full product range. This section holds everything you need – from video clips to manuals.



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Here you find a distributor in Japan as well as your local KRONE dealer who will be pleased to support you. This is where you find your KRONE partner who will be pleased to assist you.



Jobs

Would you like to join our company? KRONE is often looking for diligent and motivated staff to work at our farm machinery factory as well as at our commercial trailer production plant. So, this section is always worth a visit.



Media center

The KRONE 'database' holds thousands of documents, pictures, test reports and much more. Here you find very detailed information on KRONE products that are of special interest to you.



Events

Are you in for a KRONE live experience? Check out for KRONE events and look at a machine on show or watch it during a demonstration. After all, there is little that is more effective than a hands-on experience.



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Here you find all the service information you require – from a point of contact at the factory to finance schemes for your KRONE machine as well as training schemes for staff and users.



Download Center

Are you looking for a KRONE calendar for your desktop or a smart picture for your presentation? Here, at the KRONE download center, you will find plenty of useful material for a wide range of projects.



Used Machinery

KRONE often has a wide range of demonstration or exhibit machinery on offer. This is a good site to find your KRONE machine. Then contact your local KRONE dealer to arrange the details of a potential purchase.



Parts

24/7... This service gives you the opportunity to find your KRONE part at any time and without waiting. The KRONE Agroparts Portal has an article number and exact description for every part. You can order the part instantly at your local KRONE dealer by sending an e-mail to Agroparts.



KRONE shop

Are you looking for a gift or are you a collector of farm models? Then you should definitely shop around at our KRONE shop. We take your orders at any time of the day.

Your KRONE dealer

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