



EasyCut F/R

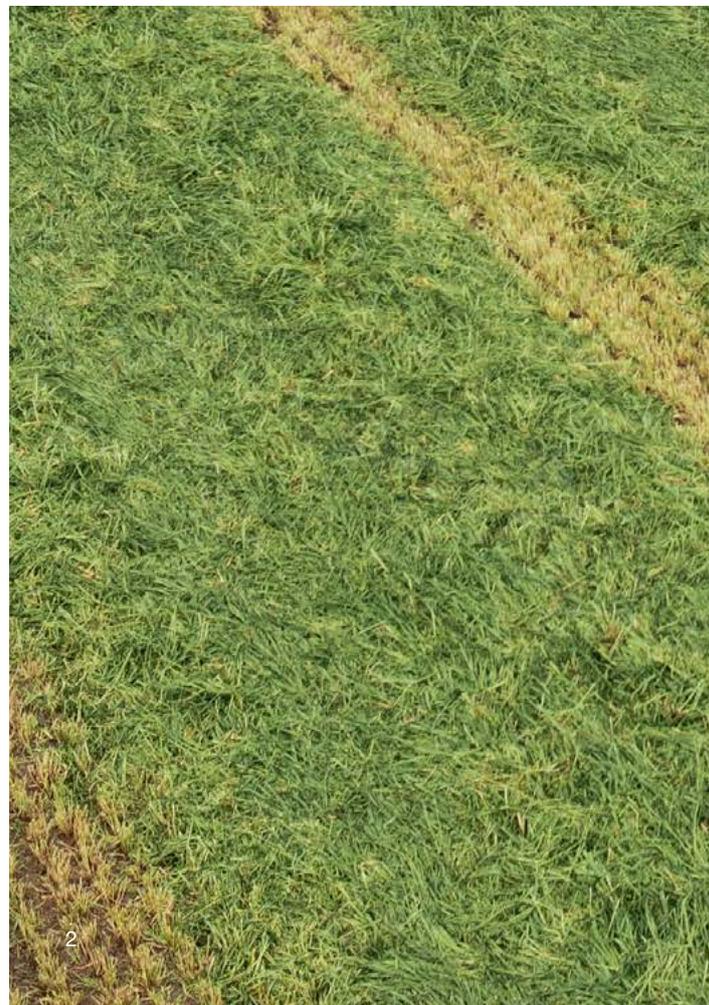
Mounted disc mowers





EasyCut

More than just a mower



- Quick-change blades
- SafeCut – individual protection for each disc
- SmartCut: Stripeless cuts and optimal blade overlap
- Break-back system – the mower breaks back to the rear and up to avoid the obstacle
- DuoGrip – double guidance and centre-of-gravity suspension
- Optimum ground pressure control from responsive and adjustable springs
- Hydraulic ground pressure control on the move (option)
- CV conditioner with V-steel tines at aggressive angles
- CR conditioner with chevron-profiled polyurethane rollers
- Mechanical gearbox for convenient CV conditioner 600 rpm/900 rpm speed changes
- Compact, balanced and mid-mount transport position for excellent weight distribution and visibility
- Vertical storage on optional stands for minimum space requirements





EasyCut:

Proven so well around the world, these machines are heavy-duty and easy to use.

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EasyCut

Unmatched performance

- Perfect cuts
- Low tractor input
- Easy handling
- Dependable and long-lasting



EasyCut R 280, R 320, R 360

Pulling light, compact and floating over undulations, the rear EasyCut R series mowers work at widths of 2.73 m (9'), 3.16 m (10'4.5") and 3.60 m (11'10"), producing cleanest cuts in any type of terrain.

EasyCut R 280 CV, R 280 CR, R 320 CV, R 320 CR

If you seek faster wilting, opt for tine or roller conditioners on the rear-mounted disc mowers which condition the crop across the full mower width.



Finest engineering



Buying a new generation EasyCut R and F mower is buying into KRONE's experience and expertise in mower manufacturing. This innovative design features a new headstock with optional hydraulic control, the CV mower conditioner rotor with tines at steep angles, a compact design and easy handling for superior operator comfort and a perfect quality of work.

EasyCut F 280, F 320, F 360

These are our front-mounted models which cut at widths of 2.71 m (8'10") and 3.57 m (11'9") and use powered top hats that enhance the crop flow to the rear. EasyCut F 320 and F 360 operators will alter the swathing width by selecting the appropriate top hats.



EasyCut F 280 M, F 320 M, F 360 M

The EasyCut M front mowers stand out for their extremely low weight which makes them the first choice for customers who farm hilly terrain or prefer spreading the material across the full width. The coupling points on these machines couple easily to compact special crop tractors.



EasyCut F 320 CV, F 320 CR

This front-mounted mower with CV or CR conditioner offers a working width of 3.16 m (10'4"). Coil springs on the headstock provide optimum ground pressure. Their tension is set manually or hydraulically (option).



EasyCut F 360 CV, F 360 CR

The front mowers EasyCut F 360 CV with steel tine conditioner and EasyCut F 360 CR with roller conditioner cut as wide as 3.60 m (11'10"), a work width that ensures generous overlapping in combinations.



The cutterbar

A dependable design

- Fully welded cutterbar – strong in build, leak proof and permanently lubricated
- Long-lasting satellite gears with massive spur gears make for quiet running and maximum efficiency
- No inner shoe – no blockages

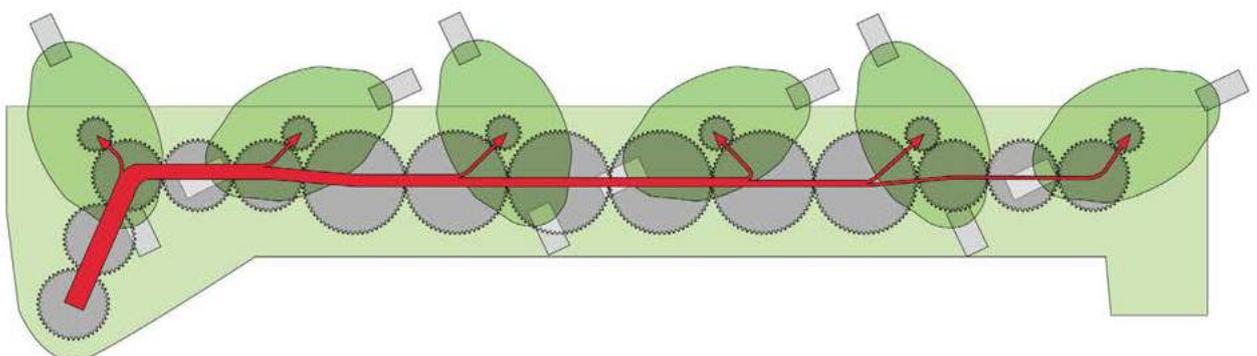
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The original

The KRONE developed satellite driveline comprises massive spur gears with up to 66 teeth which transfer the power all the way down to the very last disc. Revolving at lower speeds, the large-diameter gears always have

a number of teeth in mesh at any one time, giving quiet running, ultimate efficiency and maximum longevity. With each of the auxiliary gears driving just one disc, it is exposed to only minimum mechanical strain.



EasyCut – uniquely KRONE

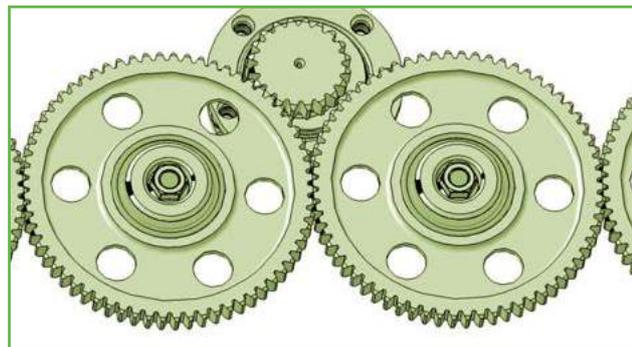


The KRONE EasyCut R and F disc mowers provide cleanest and most accurate cuts. The enclosed and fully welded cutterbar remains undeformed and reliably leak proof through many years of hard work. Inside, massive and oil-immersed spur gears guarantee quiet and dependable running in permanent operation and at highest workloads whilst quick-changing blades and our SafeCut disc protection system are standard fit for unmatched operator convenience.



Interlocking effectively

Large-diameter gears with truncated teeth offer the benefit of interlocking a larger number of teeth at any one time, thereby transferring the power more efficiently.



Leak proof and robust

To meet the highest quality standards we use advanced robot welding and CNC technology in the manufacture of our fully welded and permanently lubricated cutterbars. After all, the cutterbar is at the heart of every disc mower.



No inner shoe

The cutterbar is powered by a right-angle gearbox, which sits right behind the inner top hat, an arrangement that ensures blockage-free operation on the headland and in awkwardly shaped fields.

The cutterbar

In best shape

- Wedge-shaped cutterbar for cleanest cuts
- Heavy-duty spur gears run in double bearings which are spaced at wide gaps
- Spreading and windrowing from the same machine
- Hard-faced skids

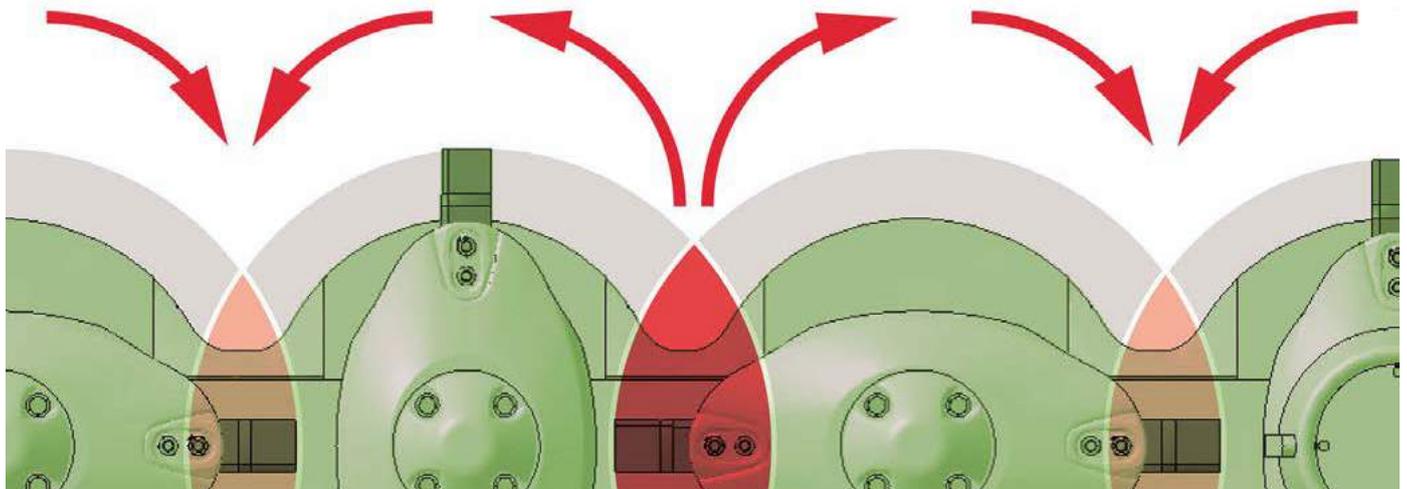
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Forget about stripes

With some discs turning in pairs towards each other and others away from each other, it was necessary to redesign the degree of blade overlap to ensure cleanest cuts. Therefore we increased the overlap between those discs that turn outwards – a modification that leads to

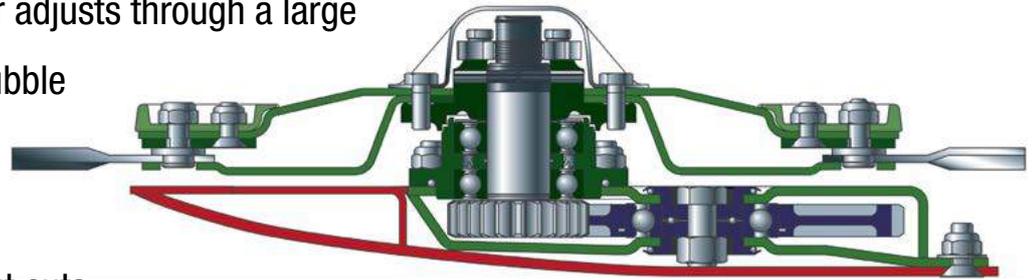
stripeless cuts in light and young material. Vice versa, a larger gap between the blades that turn towards each other encourages the smooth flow of large masses to the rear.



EasyCut – the better cut



The wedge-shaped cutterbar adjusts through a large setting range to cut short stubble in meadows and pastures and longer stubble in long-stemmed field crops. EasyCut cuts



blockage-free and clean. Benefitting from massive double spur gear bearings that are spaced at large gaps, the cutterbars are heavy-duty and hardwearing.

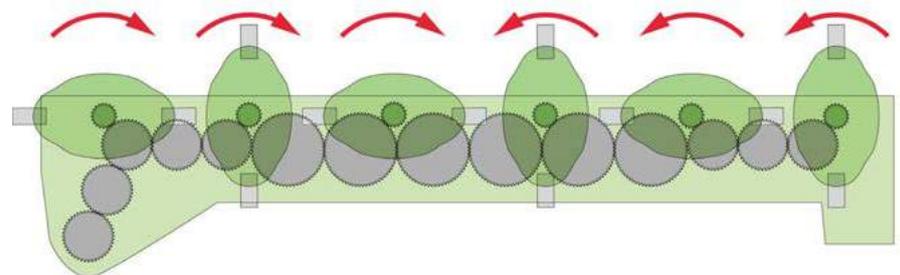


Convenient

Some of the gears beneath the discs are arranged eccentrically in the casing. The smaller-diameter auxiliary spur gears are removed from the top whereas the large-diameter gears in the main driveline are removed from the side.

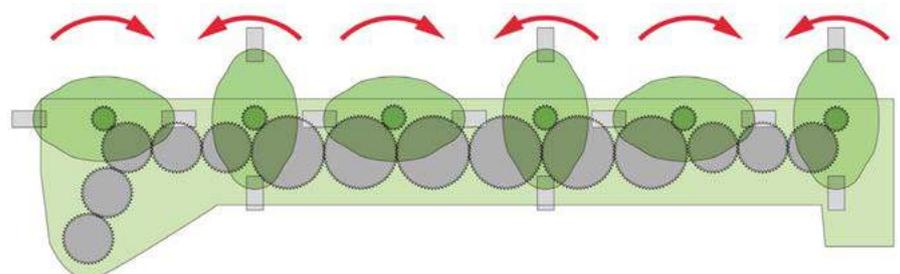
Windrowing

The eccentric bearings are positioned in such a way that the discs turn inwards, feeding the material to the middle for the tractor to straddle the windrow. The EasyCut R 280 and R 320 models produce one single windrow. Here the discs spin in the sense of rotation that is considered as 'A'. The EasyCut R 360 models produce two windrows, again spinning in the 'A' sense of rotation.



Spreading across the full width

The EasyCut models, with discs spinning in the 'B' sense of rotation, spread the material across the machine width. All discs spin in pairs. Material that is spread across the full machine width will dry faster and more evenly.



EasyCut

Perfect in every detail

- Quick-changing blades
- Replaceable blade pins and wear parts
- Minimum blade wear
360° blade action
- Excellent cuts
Optimum blade overlap



Floating skids

Made from hardened steel, the extra wide skids reduce the ground pressure for effective protection of both the cutterbar and the sward. By the way, the skids are bolted to the mower bed and are therefore very easy to replace.



Longer stubble

High-cutting skids are the solution for those who look for 80 mm (3") and longer stubble. Depending on how you bolt the skids to the bed, you increase the cutting height by 30-80 mm (1"-3").



Thorough protection

We welded rounded stops between the individual skids to protect the cutterbar from damage and contoured the underside of these stops in such a way that the material cannot collect here. As a result, the material flows smoothly to the rear.



Delivering to farmer needs

The success of all KRONE disc mowers is based on perfect performance, unmatched longevity and plenty of reasonable selling points. EasyCut mowers deliver to customer needs. Quick-change blades, hardwearing parts and a perfect disc alignment for stripeless cuts are only some of the benefits EasyCut users buy.



Changing blades within no time

Change blades in the field fast and without effort. Quick-change blades are simply a must for many users.

Minimum wear

With the blades being free to spin through 360° on their pins, they will not foul with the blades on the neighbouring discs and suffer from less wear and are self-cleaning.



Cost saver

Worn blade pins and wear parts are not an issue for KRONE EasyCut, where each part can be replaced individually. Upon special request, the blade pins may be substituted with threaded bolts.

Cleanest cuts guaranteed

112mm (4.5") blades with set blades orbit with a generous overlap, producing the typically clean cut and feeding the material to the rear in a consistent and smooth flow.



SafeCut

Individual protection for each disc

- Full driveline protection
- Neighbouring discs will not collide
- No wear and damage
- Quick roll pin change, minimum costs



Full protection

Orbiting within the sphere of the mower bed and never protruding beyond the skids, the EasyCut discs enjoy two-fold protection in addition to the standard-fit SafeCut shear-off system.

An ideal system

As the discs are spinning, they place no load on the roll pins, because the bearings are 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 inbuilt load level.





EasyCut – uniquely KRONE

The situation is familiar to every farmer – a disc hits a foreign object, gets damaged and needs replacing. In this situation, KRONE SafeCut offers a maximum of protection. The DLG Gold winning new disc shear-off system brings a new level of protection and operational reliability to the EasyCut mowers with and without CV conditioner. SafeCut is standard equipment on all EasyCut F and R disc mowers.



Peace of mind

Instead of transferring the full shockload to the spur gears, 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 the disc moves out

of the risk zone and the orbit of the neighbouring discs. This way SafeCut prevents damage to the spur gears and the neighbouring discs. Replacing the roll pin takes a few minutes and is not very costly.



DuoGrip

The intelligent system

- The DuoGrip system suspends the machine in its centre of gravity and gives lateral control
- Uniform ground pressure across the entire work width
- Optimum guidance
Less lateral drag, clean cuts
- Short and heavy-duty beam



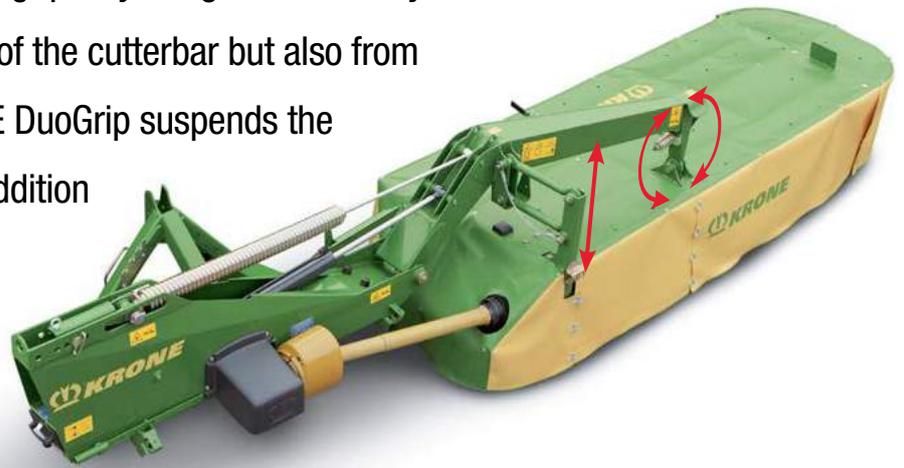
Suspended in its centre of gravity rather than centrally, the KRONE disc mowers maintain a uniform ground pressure across the entire work width. The reason for suspending the unit in its centre of gravity rather than in the middle is to compensate for the weight of the

gearbox which is arranged on the inside of the machine. This design combines with the short arm and two extra rods that provide maximum stability at a low machine weight, delivering ideal results in tough going.



DuoGrip – the most effective guidance system

A clean cut is fundamental for producing quality forage. Satisfactory results stem not only from the special design of the cutterbar but also from the special suspension system. KRONE DuoGrip suspends the mower in its centre of gravity and in addition to that provides the unit with lateral guidance. Maintaining a consistent ground pressure across the full work width, this design leads to clean cuts whilst resulting in light pull and optimum side control.



Spreading the load

Two parallel rods absorb the lateral forces and guide the mower in direction of travel. At the same time, they absorb some of the load on the mower arm and the suspension system.

Robust

The mower is attached to the arm with the help of a pin which rolls inside a ball socket, thereby offering a large pivot range and singular adaptation to ground undulations.



Simply ingenious

Optimum ground pressure and the best impact damage protection

- Central control suspension springs guarantee uniform cuts at optimum pressure
- Control the pressure by refitting pins and without tools
- Adjust the pressure hydraulically and on the move (option)
- Two-fold impact damage protection

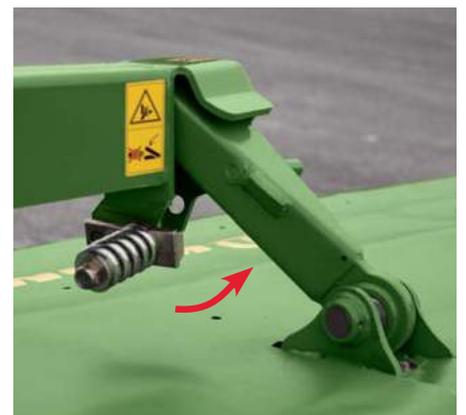


Fully protected

The impact damage protection system on the EasyCut R models brings peace of mind as you cut along borders, fences and hedges or hit an obstacle. When the system is triggered the mower breaks 1.20 m (3'11") back and 40 cm (1'4") up to avoid the obstacle. Once the obstacle is passed, the mower swings automatically back into work position.

Swinging up and to the rear

The standard mechanical impact damage protection system uses a very dependable and adjustable coil spring and latch system. Integrated in the mower's suspension system, this break-back system swings the machine away from the obstacle.



High work rates, clean cuts and uncontaminated forage

The advantage of our hydraulic or manual suspension springs is the fact that they respond instantly to undulating ground. This responsiveness leads to perfect and stripeless cuts at high ground speeds. The result is high-quality forage and a uniform crop re-growth. The well-balanced spring/arm kinematics ensure the default pressure is maintained nearly consistently even in undulating terrain.



Checking the pressure

The pressure gauge shows the current hydraulic pressure and is easy to read from the tractor. It brings peace of mind, reassuring the operator that the machine is set up correctly and that it is exposed to only very little lateral drag for excellent fuel economy.

Adjusting the ground pressure is easy

Adjusting the spring tension manually is easy and straightforward, because you simply refit the pin. Increase the tension to decrease the ground pressure.

Hydraulic control from the seat

Enjoy superior operator comfort from the hydraulic suspension control system. Adjust the pressure flexibly on the move and release the spring tension from the seat before you remove the mower from the tractor.



Built-in road stability

Every position is ideal

- The machine folds beyond the vertical transport position
Low transport height, optimum weight distribution, excellent visibility
- Hydraulic headland control
No need to operate the tractor linkage
- Huge angle of travel



Large pivoting range

Designed like a Z, the arm offers 29°/20° up/down travel for easy bank and verge mowing.



Fitting into confined space

Working at wider widths poses new challenges to road transport and ground contour following. Our solutions: Pivot the mower arm very close to the ground and swing the machine up and beyond its dead centre point into transport position – the ‘Z position’. Also: Raise the machine into headland position without operating the tractor linkage. The KRONE disc mowers offer safe travel and best cuts in literally all conditions.



Low transport height

Folding into transport position, the ‘Z’-arm pivots low to the ground to reduce transport height. At the same time, its high ground clearance makes for safe travel on worn-out roads.



Safe road travel

The special design shifts the machine weight to the middle of the tractor, distributing it more uniformly across the axle and the linkage for better ride quality and better visibility in the rear-view mirrors. There is nothing in the way that might obstruct your view.

Fold it from the seat

The machine swings hydraulically into an upright position and beyond the dead centre point. The single-acting ram on the EasyCut R 280 and R 320 models employs an accumulator to move the machine into a 110° position whereas the EasyCut R 320 CV and R 360 models use a double-acting ram to swing the machine into a 124° position. Both versions fold the mower actively up and down for smooth and easy changeovers.





EasyCut R 280, R 320

Unqualified cuts

- Manual or hydraulic ground pressure control
- Low-maintenance and frictional driveline without belts
- KRONE SafeCut disc protection is standard specification
- Cantilever guards ensure smooth crop flows



Constant-speed and high-power driveline

The tractor power flows down a frictional driveline of shafts and gearboxes. The driveshaft boasts overrunning and friction clutches between the main gearbox and the mower for effective protection to the cutterbar, the universal joints as well as the tractor's pto.

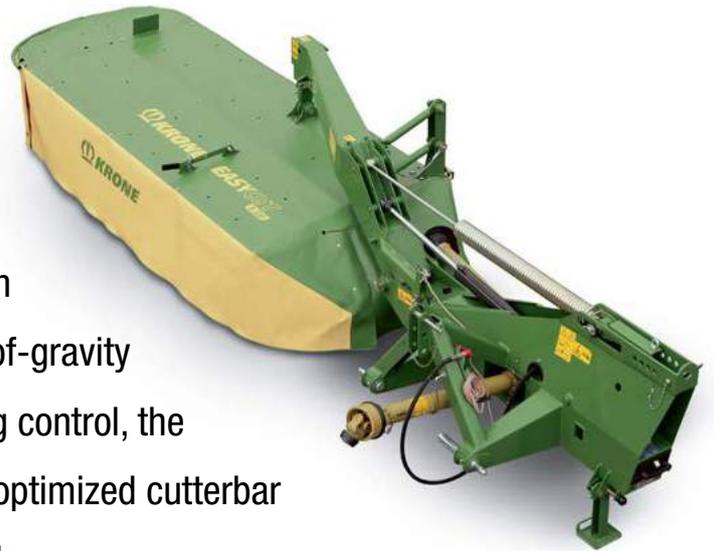
Covering the full width

Adjustable coupling pins give EasyCut R 280 and EasyCut R 320 the flexibility to move to the right or left and ensure the machine is cutting at its full width as it follows various tractors with different wheelbases or works on slopes and in combination with a front mower.



Packed with innovations

Are you looking for a powerful mower that works at a width of about 3 metres (9'10")? Then the KRONE EasyCut R 280 and R 320 disc mowers with DuoGrip system are for you. Their DuoGrip centre-of-gravity suspension system with manual or hydraulic spring control, the unique impact damage protection system and the optimized cutterbar for stripeless cuts are just some of the selling points.



Spring-loaded suspension

The EasyCut R 280 and EasyCut R 320 models use springs to provide suspension. The tension is adjusted manually or hydraulically as an option to optimize ground contour following at high work rates.

Extra protection

The fold-up ends of the curtain are lined by bumper tubes that protect the curtain from damage when the machine hits an obstacle.

Smooth crop flow

All EasyCut R 280 and EasyCut R 320 mowers use cantilever hoop guards that provide clear passage to the material flow. These are the perfect machines for clean work in awkward plots and on slopes, where the uniform windrow presentation speaks for itself.





EasyCut R 280, R 320

It's practical and convenient

- Just one single-acting coupler is required to fold the unit
- The mower folds to the middle and into a safe transport position
- Optional stands store the machine upright in a 110° position
- Break-back system swings the mower up and to the rear



Easiest access

The front guard folds up to give easy access to the discs for cleaning and blade replacement. Besides, it also makes storage in confined space much easier. Access to the cutterbar is excellent from any side.

On board the machine

This mobile blade box offers plenty of room to store spare blades – a smart detail that keeps you organised and the tractor clutter free.



Unique functionality and easiest handling

KRONE disc mowers perform successfully everywhere in the world. After all, users from all over the world feed their experience back to us and we implement their feedback into the EasyCut production processes. The upright storage position is one innovative idea that was fed into the EasyCut R mowers, which offer compact storage in confined space. KRONE disc mowers offer plenty of innovative solutions that make farmers' lives easier and their work more profitable.



Automatic folding

The guard folds automatically down to reduce the overall machine height when in transport position. It swings back into work position as the mower is lowered into work.

The trailer bed up/down service will do

A single-acting ram with accumulator is fine to raise the EasyCut R 280 and R 320 models into headland and transport position.



A unique KRONE design

Storing the machine in an upright transport position saves time and space. Optional stands give stability and make tractor attachment/removal easier and simpler. You can of course store these mowers horizontally as well.



EasyCut R 360

Technology that fits your needs

- 3.60 m (11'10") work width - top value for money
- Double windrowing or spreading
- Hydraulic suspension control as an option
- Compact transport position at a 124° angle



Two windrows as top hats spin in sense of rotation 'A'

The inner drums on the base specification EasyCut R 360 model run with an opposed action, which forms two windrows for the tractor to straddle. The deflector in the middle of the mower bed adds to the stability of the cantilever hoop guard.



The competitive mower



The KRONE EasyCut R 360 model is a powerful mounted mower that works at a width of 3.60 m (11'10"). A very cost-effective and viable machine, EasyCut R 360 not only cuts your daily rations but also plays a major role in extensification programmes. Depending on the design and the sense of disc rotation, the mower can spread and windrow the crop into two equal volume windrows.



Spreading across the full width

Spread material to expose it to the sun and wind for rapid wilting to harvest high-quality forage and reduce losses.

Wide spread as discs spin in sense of rotation 'B'

Here, the two drums in the middle were replaced by two discs and the hoop guards rest on supports on either end. All discs run with an opposed action, spreading the material in a continuous flow across the full width.



EasyCut R 360

Boosting your productivity

- Low tractor input
- DuoGrip centre-of-gravity suspension and arm guidance
- Mechanical break-back system
- SafeCut shear-bolt protection for each individual disc



Strong and flexible

The strong three-point headstock offers a pto shaft holder and provides for sideshifting action to optimize front/rear overlapping and exploit the full cutting width when following various tractors with different track widths.

Secure locking

Each end of the Cat II coupling pins turns in a bearing on EasyCut R 360, R 280 CV and R 320 CV. This double-end bearing concept gives dependable strength under shock loads.



Boosting efficiency

KRONE EasyCut R 360 boasts plenty of features that boost your productivity and operator comfort. The benchmark setting features include the centre-of-gravity suspension system, the innovative SafeCut disc protection system, the compact transport position, easy use as well as excellent handling, excellent value for money, unmatched efficiency at a low tractor power input.



Two suspension springs

Two coil springs suspend the EasyCut R 360 model for wide work widths. The springs are set manually or hydraulically as an option.

Compact

Folding up rather than to the rear and mounting close to the tractor, the machine takes only very little load off the front axle. As a result, the tractor steers as easily as without the mower.

Easy operation

A double-acting ram folds the machine into transport position beyond the top dead centre and back into work, whereas a single-acting ram raises the unit out of work for the headland turn.



SmartCut

SafeCut
INSIDE

EasyCut R 280 CV, R 320 CV

Conditioning with steel tines

- Easy and quick operation
- Optional wide spreading crop deflectors
- Infinitely variable windrow width
- Mechanical gearbox, variable intensity conditioning

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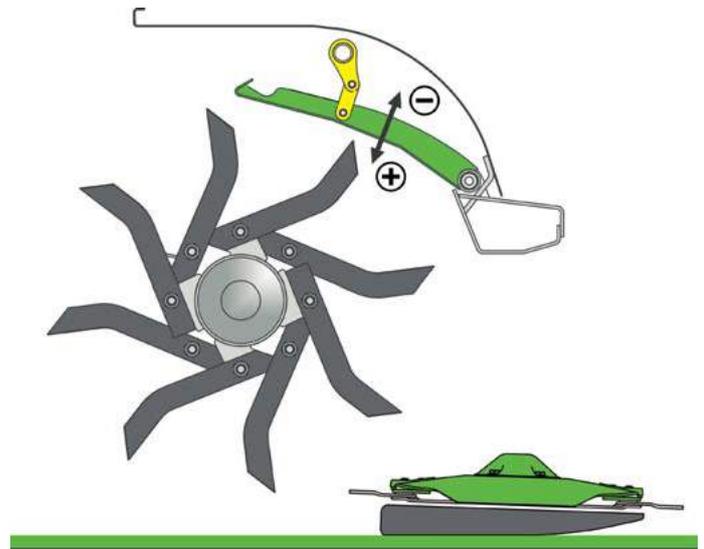
Full-width treatment

The steel tines on each mower span across the entire work width and from the left to the right top hat, providing a uniform crop flow across the full width and optimum conditioning.



Powerful and intensive conditioning

The KRONE CV rotor with V-shaped and grippy steel tines spreads the crop at the full working width. Its massive 64 cm (2'1") diameter and the helical arrangement of the tines warrant a continuous crop flow, high throughputs and superior conditioning.



Firm grip on the crop

Made from hardened steel and mounted at a steep angle, the V-shape steel tines give intensive treatment and powerful action. The tines pivot to break back when they hit an object whereas their restricted forward angle increases the pivot pin's longevity.

Intensive conditioning

The standard baffle plate boosts the action of the tines for an even more intensive conditioning.



Adjustable baffle plate

The lever notches the plate/tine clearance to the required setting. As you reduce the gap you increase the intensity of conditioning.



Mechanical gearbox

Select 900 rpm for intensive treatment and 600 rpm for less intensive conditioning simply by operating the lever.



SmartCut

SafeCut
INSIDE

EasyCut R 280 CR, R 320 CR

Conditioning with rollers

- Continuous crop flow from 25 cm (10") diameters
- High throughputs from powered processor rollers
- Top-notch conditioning effect from meshing surfaces
- Great longevity from polyurethane coating



Full-width treatment

The full-width CR rollers ensure a uniform conditioning across the full work width whilst the polyurethane coating gives continued resistance to abrasion and wear.

Firm grip on the crop:

The interlocking surfaces of the rollers give intensive but gentle conditioning whilst avoiding losses.



Roller conditioner for leafy crops

Leafy crops like Lucerne or clovers require a different type of conditioning than crops that are predominantly grass. The CR roller conditioner gives particularly gentle treatment, leaving intact the delicate leaves which are so rich in protein and safeguarding the value of farm-grown feeds. Spreading the crop will speed up wilting.



Spring suspension

The top roller suspends from a spring which ensures a continuous flow in inconsistent growth and allows foreign objects to pass the system trouble-free. Thanks to a stepless adjustment system, the operator adapts the gap and pressure steplessly to current yields.

250 mm (10") diameter rollers

The massive CR rollers warrant a smooth and consistent crop flow whilst requiring only modest input power.

Frictional connections

The rotors are driven by a gearbox. The box driving the bottom roller is integrated in the gearbox that drives the cutterbar, which is located behind the inner top hat.

Double power

The speed of the powered top roller is synchronized with the bottom roller by an optional gearbox, which mounts on the outside of the mower bed. With this level of specification the machine is kitted out to deal with the heaviest of crops.





SmartCut

**SafeCut
INSIDE**

EasyCut R 280 CV, R 320 CV R 280 CR, R 320 CR

Off to plenty of work

- Mower bed folds into an upright 124° position for safe road travel
- Optional stands allow space saving storage
- Optimum adaptation by the side shifting three-point headstock
- Durable hoop guards with rubber lined edges



Easy maintenance

The front guard folds up to give easy access to the discs for cleaning and convenient blade replacement, a compact design that offers superb accessibility.

Thorough protection

The folding side and front guards are lined by rubber strips that protect them from damage when colliding with obstacles.



Practical and thought-through

KRONE is aware of farmers' needs and delivers the technology to maximize machine utilization and profits and work at a greater level of comfort – EasyCut R 280 CV/CR and R 320 CV/CR. These machines offer safe and easy transport in a 124° position, which distributes the weight evenly to both tractor wheels and provides for an excellent rear view. In addition, the side shifting headstock guarantees clean and efficient work.



Two suspension springs

Their conditioners make EasyCut R 280 CV and EasyCut R 320 CV heavier machines, which require two springs to receive proper suspension. The springs adjust manually or hydraulically as an option.

Full work width

The sideshift headstock adapts to various track widths and front mowers to utilize the full work width and provide optimum overlapping.



Minimum space

The optional stand allows storing the machine in its upright transport position for minimum space requirement in buildings.



SmartCut

SafeCut
INSIDE

Climbing high

EasyCut F 280 M, F 320 M, F 360 M

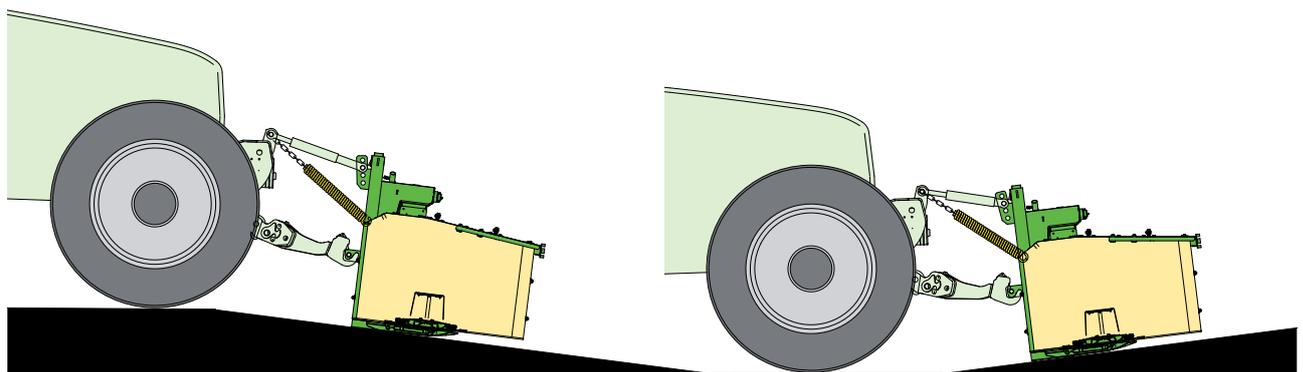
- Ideally suited for compact tractors and work in mountain regions
- Low dead weight, little weight on the front axle
- Compact build, excellent handling
- Pivoting centre-of-gravity suspension system



Perfect ground hugging

The pushing suspension design provides a generous vertical travel and combines with long skids and an optional telescoping top link to provide optimum ground hugging in every way. Mounted extremely

close to the tractor, the mower travels very little when gliding over undulations. The design reduces wear on the driveshaft and enhances operator overview.



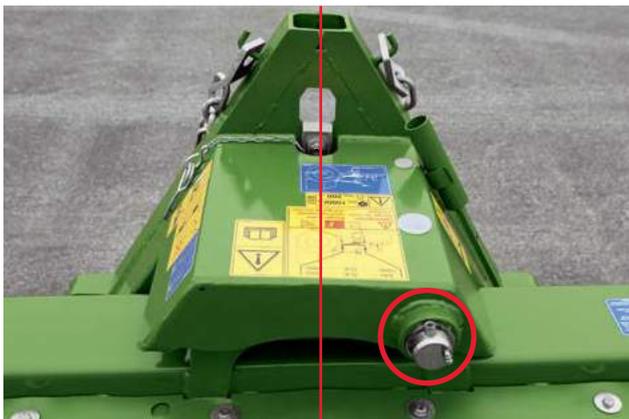
Proven in the field

Very hilly terrain poses a special challenge to every mower. The front-mounted KRONE

EasyCut F 280 M and F 320 M disc mowers take on

that challenge. Working at widths of 2.73 m (9') and 3.16 m (10'4.5"), these models present the optimum solution to deal with steep slopes. Among the advantages of this light-weight and very compact mountain mower are its compact design, the centre of gravity arranged close to the tractor, a perfect cut on steep slopes as well as excellent tractor attachment options.

The EasyCut 360 M with its enormous work width is an excellent match for tractors with huge trackwidths and offers a generous overlap when used in combination with rear mowers.



Centre-of-gravity suspension

The EasyCut F 280 M and F 320 M are suspended in their centre of gravity rather than in the middle of the machine, a design that distributes the pressure uniformly across the entire work width and leads to cleanest cuts.

Adjustable ground pressure

Adjust the pressure simply by resetting pins and chain links that alter the spring tension. Even better ground contour following in direction of travel comes from the optional telescoping top link.

Generous up and down travel

With each end pivoting through 30 cm (1'), EasyCut F 280 M and F 320 M guarantee cleanest cuts in undulating terrain and a well protected sward.



SmartCut

SafeCut
INSIDE

The light way of mowing

EasyCut F 280 M, F 320 M, F 360 M

- Robust and pivoting headstock, just one pivot axis
- Large clearance
- Driveshaft powered gears for ultimate efficiency
- No hydraulic connectors required
- Two optional top hats guarantee smooth crop flow on the slope

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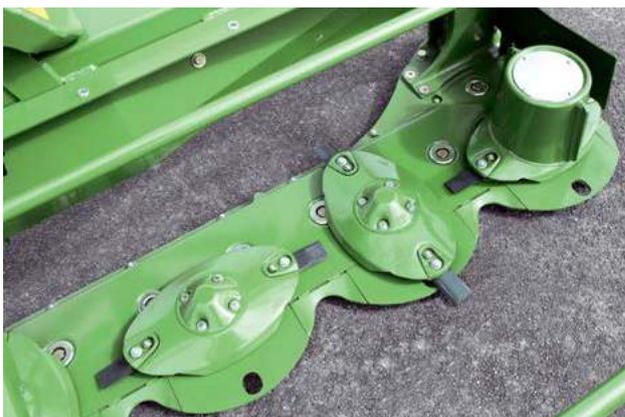


Central windrowing

The discs and drums rotate towards the middle to windrow the material in a continuous flow in the middle of the track for easy tedding and collection.

Ideally suited for the slope

Two optional top hats and special deflector plates are available to guarantee a smooth crop flow on steep slopes, also when working across the slope.



Sleek engineering unveiled



Removing the curtain exposes the heavy-duty and uncluttered design of the EasyCut F M front mower. Light in weight (starting from 500 kg (1,102 lbs)), these machines perform effectively in any terrain. Doing without hydraulic control, they offer absolutely easy and quick attachment and removal. The cutterbar suspends from struts that are arranged just behind the hats – an ideal design for a uniform crop flow. Like all other models, these mower beds are wedge-shaped, fully welded and feature our SafeCut system as well as quick-changing blades.

Constant pto speed

Drive power flows through a frictional and powerful driveline of shafts and gears, which transmit the power efficiently from the tractor to the discs even in the most difficult conditions.



Versatile and flexible

Our front mowers are very versatile machines that perform perfectly on the slope and team up with side mowers.

Compact transport position

The EasyCut F 280 M and F 320 m front mowers with fold-up side guards make for a 3.00 m (9'10") transport width. No special homologation required. The EasyCut 360 M folds to a 3.45 m (11'4") transport width and is marketed in our export markets. Hydraulic fold-up is an option for the guards.



SmartCut

SafeCut
INSIDE

EasyCut F 280, F 320, F 360

Powered top hats

- Powered top hats windrow the material for the tractor to straddle it
- Uniform windrow presentation
- A continuous and consistent crop flow

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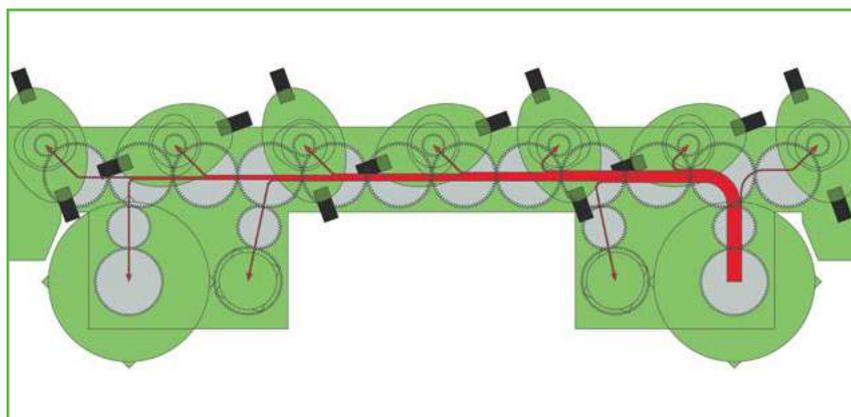


Smooth, quiet and efficient

Massive spur gears inside the main gearbox provide for smooth running and an efficient transfer of the power. The smaller auxiliary gears drive only one disc each. The gears that drive the top hats are powered by the spur gears in the main gearbox.

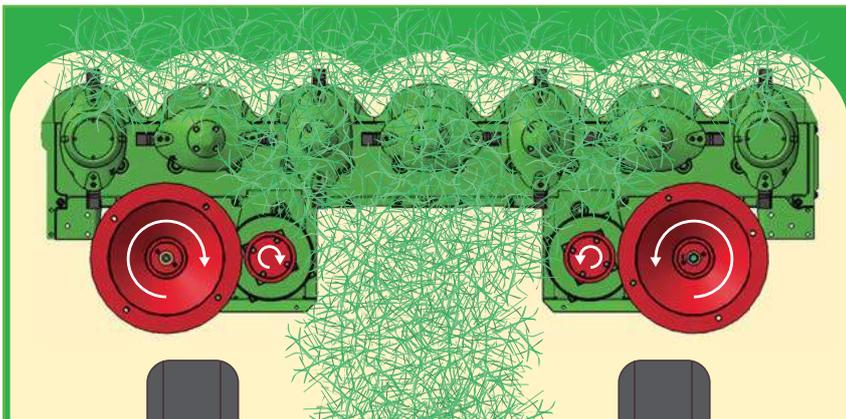
Smooth operation

The drive power flows via a belt that is tensioned automatically and enters the mower through a ring-angle gearbox and the top hat. The overrunning clutch is integrated in the driveshaft as a standard.



The secret behind perfect windrowing

The KRONE EasyCut F 280 and EasyCut F 320 front mowers feature massive top hats, which sit on the right and left end of the cutterbar. Arranged behind the discs, they feed the material in a continuous flow to the rear. So the tractor wheels will not run on the crop but straddle the windrow and the harvester will gather it easily and without loss.



Powered top hats

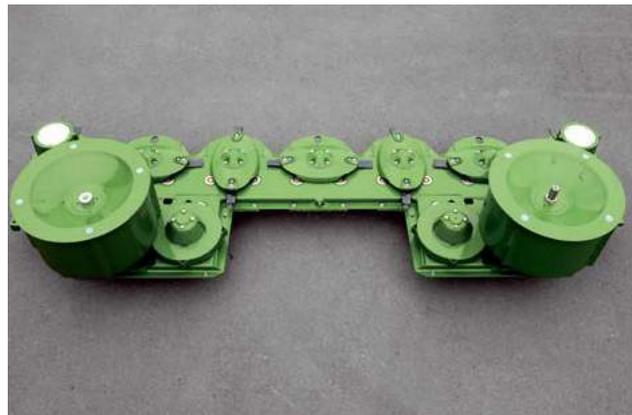
With all discs turning towards the middle on the EasyCut F 280 and F 320 models, they automatically feed the cut material to the middle whilst the powered top hats control the flow to the rear. It is down to their high feed capacity that the material is presented in uniform windrows, even on the slope.

Narrow windrows

EasyCut F 320 can take taller top hats which are bolted to the smaller standard-fit hats on the inside. The taller hats reduce the windrow width by another 40 cm (1'4") for narrow tractors to straddle them.

Wide windrows

Want wider windrows? Our EasyCut F 320 models feature small inner hats along with the tall hats – an ideal configuration when matching up with a wide spreading rear mower.



SmartCut

SafeCut
INSIDE

EasyCut F 280, F 320, F 360

Perfect control

- Compact combination
- Plenty up and down travel
- Telescoping top link as an option
- No hydraulic couplers required

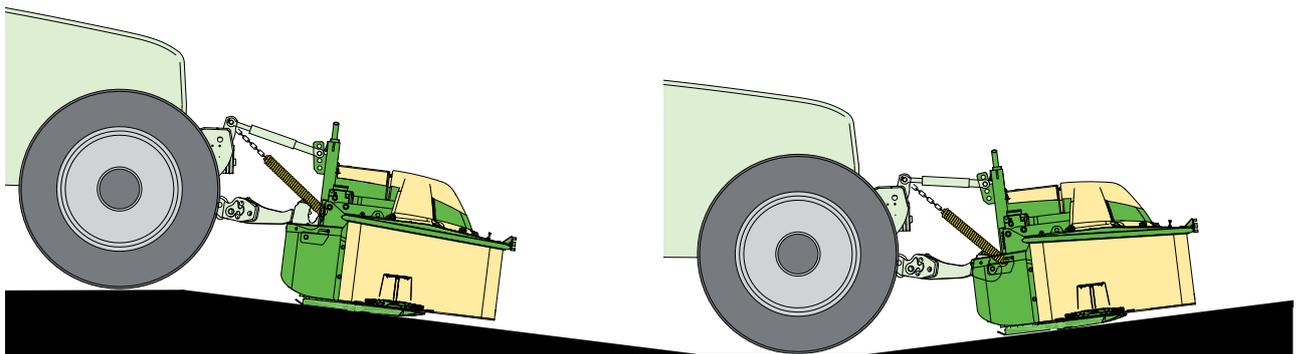
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A perfect system

EasyCut F 280 and F 320 are mowers that adapt to any type of ground contours – in and across the direction of travel. The pushed design allows for plenty of up and down travel – the ideal design for rough terrain. In addition, the compact build offers an excellent overview

in the field and an excellent transport stability for safe travel on public roads. As it mounts close to the tractor, the linkage travels through a smaller angle and less strain is put on the driveshaft.



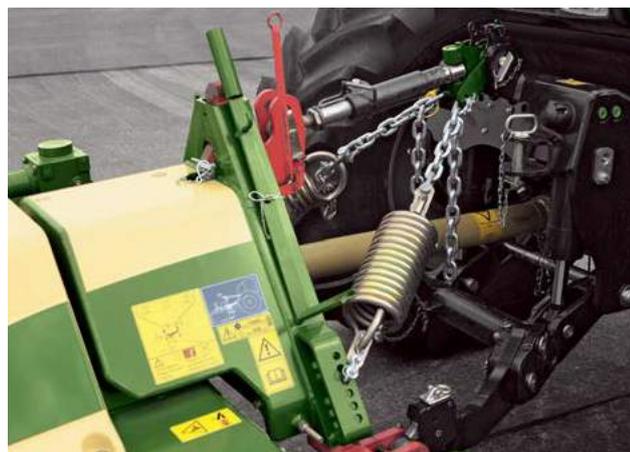
Quality forage stems from quality cuts



The KRONE front mower impresses by ease of operation, a clear design and outstanding functionality. The compact and light mower is pushed over the surface. Suspended by a pivoting headstock in its centre of gravity and close to the tractor's front wheels, the unit benefits from very little travel to produce perfect cuts, fast crop re-growth and uncontaminated forage.

Adjustable ground pressure

The ground pressure is controlled by refitting the chains and the pins that hold the coil springs in place. After all, an optimum ground pressure is fundamental for consistent cuts and high work rates. Chains on the inside of the coils protect these from overexpanding.



Gentle on the sward

Courtesy of the large contact area, the machine floats over undulating ground and depth control is optimal. Floating also benefits from the low ground pressure that protects the windrow.

A perfect system

The optional telescoping top link follows any movement of the mower, allowing it to float on the ground and maintain the set cutting height.





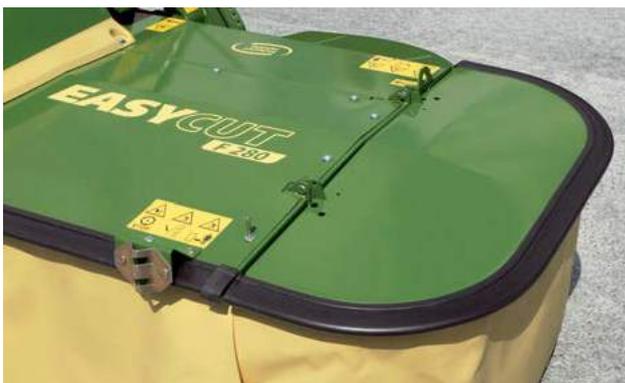
A good follower

Pivoting through a generous 40 cm (1'4"), these mowers follow any contour, produce clean forage and leave a healthy sward.



Convenient and automatic

Springs in the headstock level the pivoting mower when it is raised whilst the hydraulic accumulator absorbs side-to-side movement for a higher ride comfort.



Protection all-round

Rubber strips grab the edge of the side and front guards to serve as bumpers and reduce collision damage and preserve the machine's value.



Centre-of-gravity suspension

Maintaining the set pressure across the full work width, our EasyCut F 280 and EasyCut F 320 models stand out for less wear, light pull and perfect cuts.



Fold-up guards

Fold up the ends of the curtain on the KRONE EasyCut F 280 and EasyCut F 320 front mowers and transport to bring transport width down to 3.00 m (9'10"). Yet, EasyCut F 360 that is marketed in countries outside Germany measures 3.45 m (11'4") when in transport position. The hydraulic fold-up guards are options and require a double acting spool.



Safe travel on the road

The F 360 model has standard lights and warning panels, F 280 and F 320 as options. The two models are supplied with standardized brackets that suit third-party lights as well.





EasyCut F 320 CV, F 320 CR

Front-mounted mowers with tine/roller conditioners

- Work width: 3.16 m (10'4")
- Push or pull-type configuration
- Intensive conditioning from V-shaped steel tines at steep angles or chevron-profiled rollers
- Variable conditioning intensity from a 600/900 rpm gearbox and an adjustable baffle plate (CV)
- One or both rollers are gearbox driven



The floating cutterbar suspension

The ground pressure on the pushed versions of EasyCut F 320 CV and CR is optimized either manually on cranks or hydraulically as an option. The hydraulic option comes with a pressure gauge that is mounted in the operator's line of vision. By kinematic interaction of springs and arms it is possible to maintain a consistent ground pressure in rough terrain.

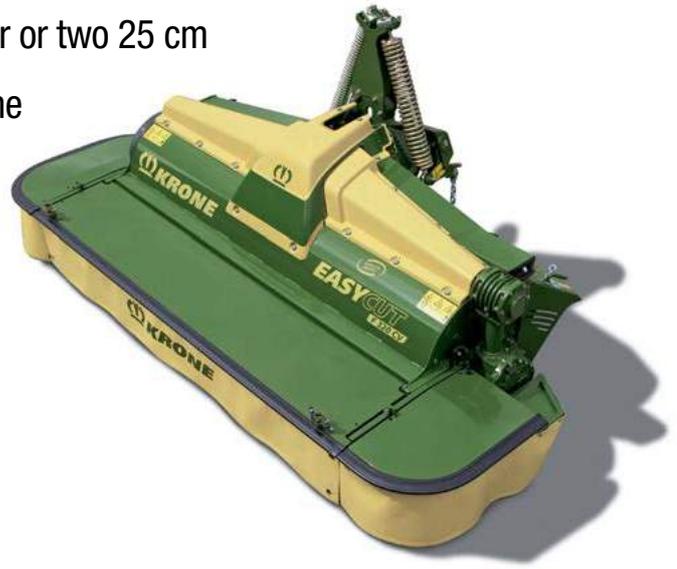
Trailed EasyCut F 320 CV

The EasyCut F 320 CV model is also marketed in trailed configuration, which has the suspension springs integrated in the machine's headstock. The tension of the two springs is controlled from one single crank. This type of suspension allows the machine to break back and up through a larger angle, hence making it more suitable for applications in rolling land.



Cutting and conditioning in one pass

Featuring either a large 64 cm (2'1") diameter tined rotor or two 25 cm (10") rollers, the front-mounted mower F 320 CV with tine conditioner and F 320 CR with roller conditioner are specialists for making high-quality forage, delivering best conditioning quality even in high-yielding crops.



Narrow in transport

Each end of the curtain can be folded up to bring transport width down to 3 m (9'10"). This can be done hydraulically from the tractor as an option.

No tools required

This lever varies the gap between the tines and the baffle plate to adjust the conditioning effect to individual requirements. The smaller the gap, the more intensive the conditioning effect.

Mechanical gearbox

The CV conditioner is powered by a two-speed gearbox. Select 600 rpm or 900 rpm within a minute to adjust the current crop.



EasyCut F 360 CV, F 360 CR

Extra wide models with tine or roller conditioners

- 3.60 m (11'10") work width, 3.45 m (11'4") transport width
- Heavy-duty headstock
- Pushed front mower makes a compact combination
- Pulled front mower has integral springs and offers high lift-out



Push-type configuration:

The floating EasyCut F 360 CV and F 360 CR models are compact and uncluttered machines that impress by a low dead weight and cleanest cuts.

Floating:

Adjustable springs optimize the ground pressure and allow the machine to float. A telescoping top link is available to deliver perfect cuts in undulating terrain.

Strong and sturdy

Powerful tractors and massive equipment call for strong and sturdy coupling hardware. This heavy-duty three-point headstock withstands high machine weights and strains and offers fast and easy attachment/removal.



Pulled or pushed

The KRONE EasyCut F 360 CV and CR can have a pulled or pushed cutterbar. Working at a width of 3.60 m (11'10"), the machine suits wide tractors with oversize tyres. More generous overlaps within the combination result in clean cuts on slopes and in curves as well as allowing larger work widths in general.



Spring-loaded suspension:

Adjustable springs optimize the ground pressure and hence perfect cuts. The suspension springs are integrated in the linkage, a design that eliminates the need for attaching and removing them when attaching/removing the machine.

Convenient

The suspension springs are adjusted on this central crank.

The pulled machine

The KRONE EasyCut F 360 CV and CR can have a pulled cutterbar as an option. This allows the mower to break back and up for added protection from foreign objects.

Pivoting through a large angle

The pull-type configuration allows the machine to pivot through more than 30 cm (1') across the direction of travel, warranting clean cuts also in undulating terrain.

Plenty of ground clearance

The pushed model has an integral hydraulic ram that provides plenty of ground clearance when the machine is being lifted out on the headland or when working in rough terrain. You can increase the lift by raising the tractor's link arms to master even the most difficult situations.



Tines or rollers

Choose the option that you best

- **CV tine conditioner** – the specialist for grass crops
- Intensive conditioning from V-type steel tines at steep angles
- Drive belts with four grooves provide effective drive power 900 rpm, 600 rpm
- **CR roller conditioner** – the specialist for leafy crops
- Chevron-profiled rollers interlock for loss-free conditioning
- 25 cm (10") diameter rollers ensure a consistent crop flow



CV steel tine conditioner

V-type steel tines at steep angles give intensive conditioning. Control the intensity by adjusting the baffle plate.

Spreading or swathing

The machine offers both. Set the swathing width by adjusting the swath boards. Optional deflector plates ensure a consistent and uniform distribution of the crop across the full work width.

600 rpm or 900 rpm

Efficient and powerful drive for the CV conditioner comes from this four-groove belt. Change the speed from 600 rpm to 900 rpm and vice versa by swapping the pulley.



Uncompromised technology for quality forage

Adjusting the conditioning intensity accurately to the current crop yields is easy on EasyCut F 320 and F 360 CV or CR.

The CV conditioner with V-type steel tines at steep angles is the best choice in crops that are predominantly grass whereas the large-diameter CR rollers are preferred in leguminosae such as Lucerne and clover. The leafy crops are treated gently whilst keeping losses down to the bar minimum.



CR roller conditioner

The Chevron profiled crop processor rollers interlock to provide thorough treatment across the full working width. The gap between the rollers, the pressure and the swath boards are steplessly adjustable.



250 mm diameter rollers

The massive crop processor rollers are extremely powerful, giving consistent conditioning even in very heavy crops whilst keeping the power input low. The polyurethane coat offers lasting resistance to abrasion and wear.

Frictional connections

The conditioning rollers are driven by gearboxes. The box that drives the bottom roller is integrated in the gearbox that powers the cutterbar.

Double power:

You can opt for a separate gearbox that gives the top roller extra grunt in particularly difficult conditions. This gearbox is synchronized by the gearbox that powers the bottom roller.



Technical data

EasyCut front mowers

		EasyCut F 280 M	EasyCut F 320 M	EasyCut F 360 M	EasyCut F 280	EasyCut F 320	EasyCut F 360
Work width	Approx. m	2,73 (8'11.5")	3,16 (10'4.5")	3,60 (11'10")	2,71 (8'11")	3,14 (10'4")	3,57 (11'9")
Transport width	Approx. m	2,56 (8'5")	3,00 (9'10")	3,45 (11'4")	2,56 (8'5")	3,00 (9'10")	3,45 (11'4")
Pivoting headstock		Standard	Standard	Standard	Standard	Standard	Standard
No. of discs		4 / 2 opt.	5 / 2 opt.	6 / 4 opt.	4	5	6
No. of drums		2 / 4 opt.	2 / 4 opt.	2 / 4 opt.	2	2	2
No. of top hats		-	-	-	2	2 / 4 opt.	2 / 4 opt.
SafeCut		Standard	Standard	Standard	Standard	Standard	Standard
Windrow width from 2 top hats	Approx. m	-	-	-	1,10 (3'7")	1,40 (4'7")	1,80 (5'11")
Windrow width from 4 top hats	Approx. m	-	-	-	-	1,10 (3'7")	1,50 (4'11")
PTO speed	rpm	1.000	1.000	1.000	1.000	1.000	1.000
Dead weight	Approx. kg (lbs)	500 (1,102)	620 (1,367)	680 (1,499)	740 (1,631)	860 (1,896)	920 (2,028)
Power requirement	Approx. kW/hp	40/55	48/65	54/75	44/60	51/70	55/80
Work rate	Approx. ha/h	3,0-3,5	3,5-4,0	4,0-4,5	3,0-3,5	3,5-4,0	4,0-4,5
Hydr. side guards (1 da spool required)		-	Option	Option	Option	Option	Option

EasyCut front mower conditioner

		EasyCut F 320 CV	EasyCut F 320 CR	EasyCut F 360 CV	EasyCut F 360 CR
Work width	Approx. m	3,16 (10'4")	3,16 (10'4")	3,60 (11'10")	3,60 (11'10")
Transport width	Approx. m	3,00 (9'10")	3,00 (9'10")	3,45 (11'4")	3,45 (11'4")
Pushed cutterbar		Standard	Standard	Standard	Standard
Pulled cutterbar		Alternative	-	Option	Option
No. of discs		5	5	6	6
No. of drums		2	2	2	2
SafeCut		Standard	Standard	Standard	Standard
Windrow width	Approx. m	1,30-2,70 (4'3" - 8'10")	1,30-2,70 (4'3" - 8'10")	1,60-3,00 (5'3" - 9'10")	1,60-3,00 (5'3" - 9'10")
CV conditioner		Standard	-	Standard	-
Mechanical conditioner gearbox	600/900 rpm	Standard	-	Standard	-
Roller conditioner		-	Standard	-	Standard
Upper roller drive		-	Option	-	Option
Wide spreading deflector plates		Option	Option	Option	-
PTO speed	rpm	1.000	1.000	1.000	1.000
Dead weight	Approx. kg (lbs)	1.080 (2,381)	1.100 (2,425)	1.240 (2,734)	1.260 (2,778)
Power requirement	Approx. kW/hp	59/80	59/80	66/90	66/90
Hydraulic pressure control		Option (1 da spool)	Option (1 da spool)	-	-
Hydraulic guard fold		Option (1 da spool)			
Work rate	Approx. ha/h	3,5-4,0	3,5-4,0	4,0-4,5	4,0-4,5

Technical data

EasyCut rear mowers

		EasyCut R 280	EasyCut R 320	EasyCut R 360
Work width	Approx. m	2,73 (8'11.5")	3,16 (10'4.5")	3,60 (11'10")
Transport height	Approx. m	3,50 (11'6")	3,90 (12'9.5")	4,00 (13'1.5")
Upright transport position		110°	110°	124°
No. of discs		4	5	4/6
No. of drums		2	2	4/2
SafeCut		Standard	Standard	Standard
Quick-change blades		Standard	Standard	Standard
Standard pto speed	rpm	540	540	540
Optional pto speed	rpm	1.000	1.000	1.000
Dead weight	Approx. kg (lbs)	780 (1,720)	840 (1,852)	1.040 (2,293)
Power requirement	Approx. kW/hp	40/55	50/68	55/75
Mechanical pressure control		Standard	Standard	Standard
Hydr. pressure control		Option (1 da spool)	Option (1 da spool)	Option (1 da spool)
No. of required spools		1 sa	1 sa	1 sa / 1 da
Link arm pins		Cat II	Cat II	Cat II
Work rate	Approx. ha/h	3,0-3,5	3,5-4,0	4,0-4,5

EasyCut rear mower conditioners

		EasyCut R 280 CV	EasyCut R 280 CR	EasyCut R 320 CV	EasyCut R 320 CR
Work width	Approx. m	2,73 (8'11.5")	2,73 (8'11.5")	3,16 (10'4.5")	3,16 (10'4.5")
Transport height	Approx. m	3,10 (10'2")	3,10 (10'2")	3,50 (11'6")	3,50 (11'6")
Upright transport position		124°	124°	124°	124°
No. of discs		4	4	5	5
No. of drums		2	2	2	2
SafeCut		Standard	Standard	Standard	Standard
Quick-change blades		Standard	Standard	Standard	Standard
CV steel tine conditioner rotor		Standard	-	Standard	-
Mechanical conditioner gearbox	600/900 rpm	Standard	-	Standard	-
CR roller conditioner		-	Standard	-	Standard
Gearbox for top roller		-	Option	-	Option
Wide spreading deflector plates		Option	-	Option	-
Standard pto speed	rpm	540	540	540	540
Optional pto speed	rpm	1.000	1.000	1.000	1.000
Dead weight	Approx. kg (lbs)	1.120 (2,469)	1.140 (2,513)	1.260 (2,778)	1.280 (2,822)
Power requirement	Approx. kW/hp	51/70	51/70	59/80	59/80
Mechanical pressure control		Standard	Standard	Standard	Standard
Hydr. pressure control		Option (1 da spool)			
No. of required spools		1 sa / 1 da			
Link arm pins		Cat II	Cat II	Cat II	Cat IIS
Work rate	Approx. ha/h	3,0-3,5	3,0-3,5	3,5-4,0	3,5-4,0

KRONE Internet



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Jobs

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Media center

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Events

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Used Machinery

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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.



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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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