



# EasyCut F/R

Mounted disc mowers





# EasyCut F/R

has evolved from extensive farmer experience around the world. Proven so well, these machines are designed to perform in heavy-duty applications while being easy to use.

- Quick-change blades
- **SafeCut:** Impact protection for each individual disc
- **SmartCut** for stripeless cuts from optimum blade overlaps
- **DuoGrip:** The unique KRONE centre-of-gravity suspension system with dual grip control



- Optimum ground pressure control by means of responsive and adjustable springs
- Available conditioner versions: CV version with V steel tines or CR version with rubber rollers
- Compact in transport as the mower tilts to the middle of the tractor – for optimum weight distribution and visibility



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# The EasyCut F/R model range

## Front mowers

- 2.7 m-3.6 m (8'10"-11'10") work widths
- PUSH-type or PULL-type cutterbar
- Available with or without conditioner
- Compact M models for mountainous regions

## Rear mowers

- 2.7 m-4.0 m (8'10"-13'2") work widths
- Available with or without conditioner
- DuoGrip centre-of-gravity suspension
- Over-centre transport position reduces transport height

The EasyCut F/R model range is a line-up of innovative front and rear mowers with or without tine or roller conditioner and work widths of 2.7 m to 4.0 m (8'10" to 13'2"). At the same time, the range comprises particularly compact and light-weight front mowers for mountain fields and applications.



### Comfort

Maximum operator comfort and perfect results are obtained by the new three-point headstock which allows operators to set the ground pressure hydraulically as an option.



### EasyCut R 280 · R 320 · R 360 · R 400

Working at widths from 2.73 m to 4.04 m (8'12" to 13'3"), the rear-mounted EasyCut disc mowers deliver cleanest cuts. Forming a compact combination with the tractor, these machines stand out for light pulling and great ground contouring in any type of terrain.



### EasyCut R 280 CV · R 280 CR · R 320 CV · R 320 CR

Those who seek faster wilting can opt for a tine or roller conditioner on the rear-mounted units for full-width treatment to the freshly cut material.



#### **EasyCut F 280 · F 320 · F 360**

These front mowers offer work widths of 2.71 m to 3.57 m (8'11" to 11'9") and have powered top hats that form narrow swaths so the tractor can straddle them.



#### **EasyCut F 280 M · F 320 M · F 360 M**

The EasyCut M front mowers are our lightweight machines designed for operation on steep slopes and for spreading material across the work width. Their hitch points are configured to attach as well to small tractors for special applications.



#### **EasyCut F 320 CV · F 320 CR · F 360 CV · F 360 CR**

Cutting at widths of 3.16 m or 3.60 m (10'4" or 11'10"), these front mowers are available with pushed or pulled headstocks as well as tine or roller conditioners.



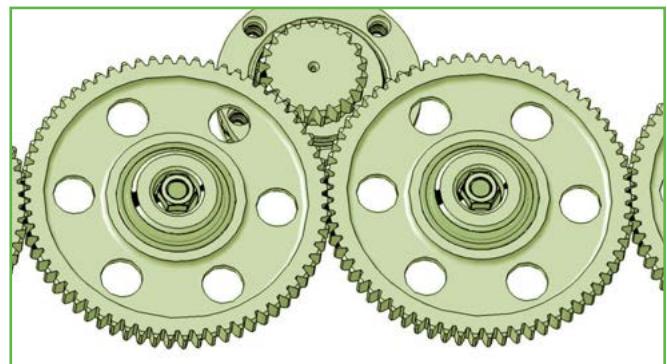
# The KRONE cutterbar

- Fully welded: Robust, sealed and permanently lubricated
- Long-lasting satellite drive with massive spur gears: quiet running and top efficiency
- No inner shoe:

The KRONE EasyCut R and F disc mowers provide the cleanest and most accurate cuts. Fully welded and permanently lubricated, the cutterbar shows no leaks and no deformations even after many years of service. Its massive and oil-immersed spur gears impress by very quiet and reliable running under constant peak loading. And of course quick-change blades and the SafeCut cutterbar protection system are standard specification.

## Powerfully interlocked

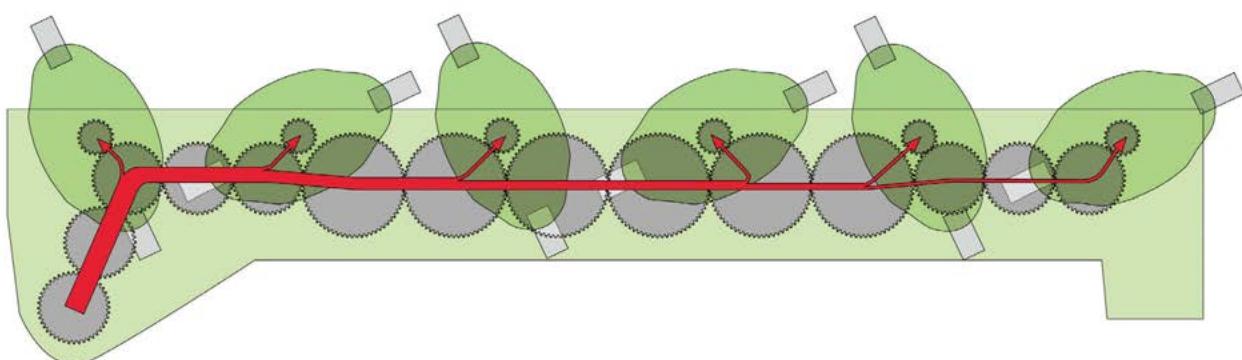
Large-diameter gears with truncated teeth offer greater efficiency as a larger number of teeth is in mesh at any one time. These machines offer very quiet running at minimum wear.



## 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. 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.





#### **Leak-proof and robust**

Using welding robots and CNC technology, Krone manufactures its cutterbars to the highest quality standards, ensuring they are fully welded and permanently lubricated. After all, the cutterbar is the heart of every mower.



#### **No inner shoe**

The cutterbar is powered via a right-angle gearbox, which is arranged immediately behind the inner top hat – for blockage-free operation on the headland and in awkwardly shaped fields.



# The KRONE cutterbar

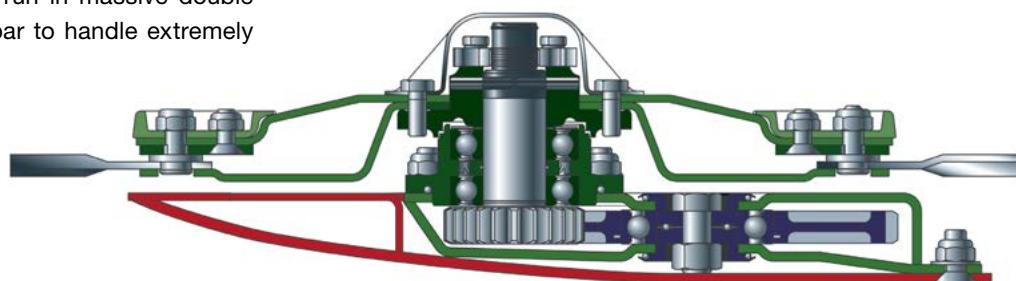
Making clean cuts and spreading or swathing to needs

- The wedge-shaped cutterbar guarantees clean cuts
- Heavy-duty spur gears run in widely-spaced double bearings
- Swathing or spreading depending on needs

The wedge-shaped cutterbar offers great flexibility to adjust through a large range of settings and leave a short stubble in meadows and pastures as well as long stubble in long-stemmed field crops. An EasyCut mower delivers a reliable performance and clean cut.

## Heavy-duty and flexible

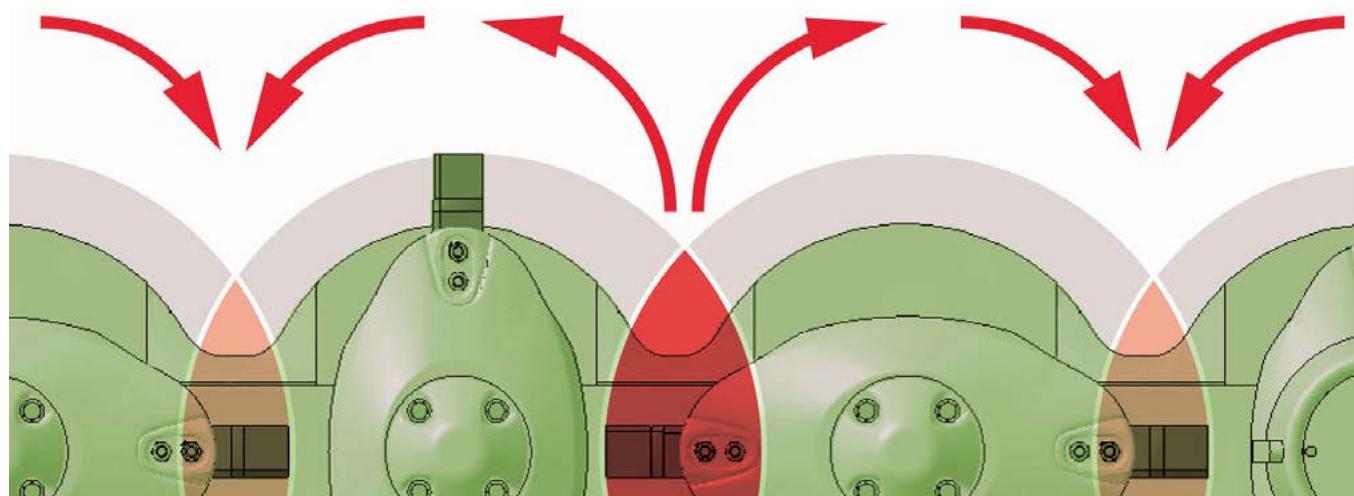
The wedge-shaped cutterbar offers many height setting options. The spur gears run in massive double bearings, allowing the cutterbar to handle extremely high loads.



## SmartCut for stripe-free cuts

With some discs turning in pairs towards each other and others turning away from each other, it was necessary to redesign the degree of blade overlap to ensure cleanest cuts. For stripeless cuts in light and young crops, we have therefore increased blade overlaps on the discs turning outwards. In addition, the

blades turning to the rear are set further apart to encourage a smooth flow of large volumes of crop.



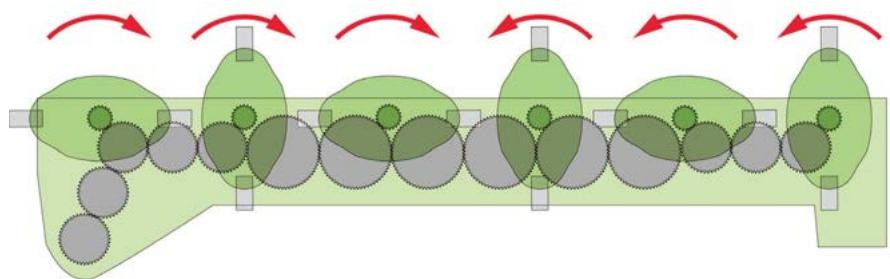


### Convenient

The spur gears are arranged in a forward position and eccentrically inside the gearbox right under the discs. The small auxiliary spur gears are removed from above, the massive main gears gearbox from the side.

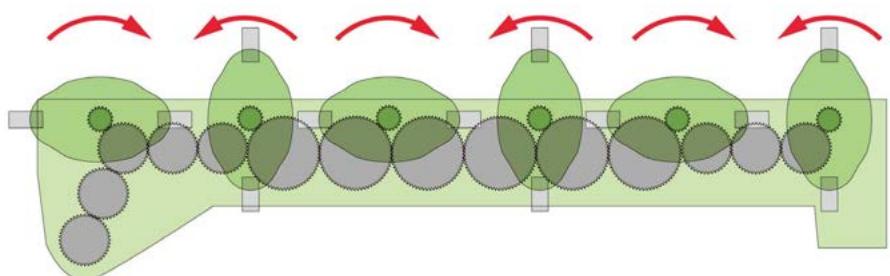
### Swathing

Spinning inwards, the discs feed the material to the middle of the machine to avoid tractor wheels running over the cut crops. With discs spinning in the A sense of rotation, EasyCut R 280 and R 320 form one swath. With discs spinning in the A sense of rotation, EasyCut R 360 and R 400 form two swaths.



### No swathing

With discs spinning in the B sense of rotation, EasyCut spreads the material across the full cutting width. All discs turn in pairs, spreading the material across the working width for faster and more uniform wilting.





# The KRONE quick-change blades

- Quick-change blades allow operators to swap blades in the field quickly
- Modular disc design
- Minimum blade wear: 360° blade action
- Excellent cutsOptimum blade overlap

EasyCut mowers deliver to customers' needs. There are many reasons to opt for an EasyCut mower! Just think of the quick-change blades, inexpensive wear parts and the perfect arrangement of the discs for stripeless cuts.

## Changing blades in an instant

Quick-change blades are a must for many farmers and contractors. The blades are quick and easy to reverse or replace in situ.



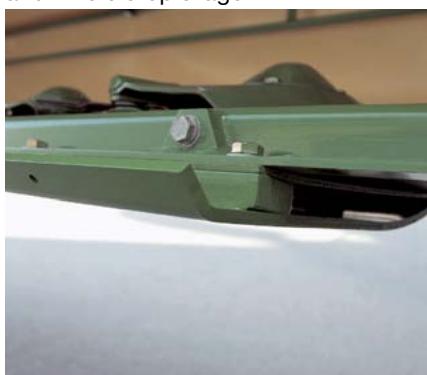
## Hovering over the sward

Made from hardened steel, the extra wide skids reduce the ground pressure and hence offer effective protection of both the cutterbar and the sward. The skids are bolted to the cutterbar so they are easy to replace.



## Making higher cuts

High-cutting skids are the solution for those who want 80 mm (3") and longer stubble. Depending on how you bolt the skids to the cutterbar, you can increase the cutting height by 30 mm or 50 mm (1" or 2"), which is ideal in forage and whole crop silage.



## Added protection

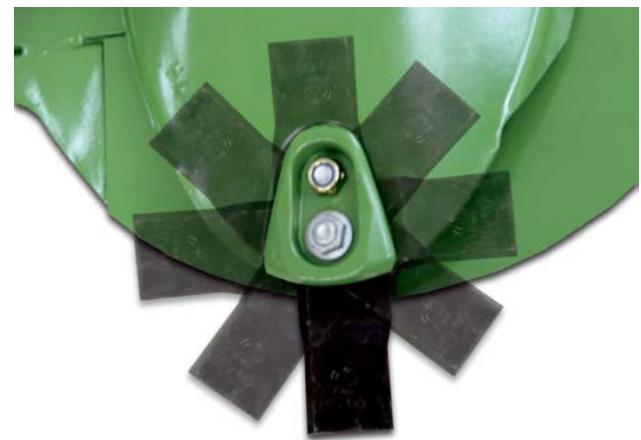
We welded curved stops between the individual skids that protect the cutterbar from damage and also contoured the underside of the stops in such a way that no material can build up here and instead flows smoothly to the rear.





#### Minimized wear

The blades are free to spin 360° on their pins. They are hard-wearing and self-cleaning, well protected and will not foul with the blades on the neighbouring discs.



#### Cost saver

Worn pins that hold the blades in place are not an issue on a KRONE EasyCut, because they can be replaced individually, thanks to the modular design of the disc assembly. If you like, you can opt for bolts instead of pins.



#### Clean cuts

Set blades of 112 mm (4") length orbit with a generous overlap, producing the typically clean cuts and feeding the material to the rear in a consistent flow.





# The KRONE SafeCut cutterbar protection

- Full driveline protection for added reliability
- Neighbouring discs will not collide
- Wear-free
- Quick-change roll pins for minimum downtime and costs.

Colliding discs may cause damage and involve costly repairs. KRONE SafeCut offers a maximum of protection and peace of mind. The award winning system on all EasyCut models offers a unique level of protection and operator comfort. SafeCut is a base specification feature on all EasyCut F and R models.

## Simply ingenious

Each disc on the mower has its own individual impact protection. When the blade hits an obstacle the shockload is transferred to a roll pin which breaks. As a result, the disc automatically threads 15 mm (0.6") up on the drive shaft.



## Two-fold protection

Orbiting within the sphere of the mower bed and never protruding beyond the skids, the EasyCut discs benefit from two-fold protection. Additional protection comes from the standard SafeCut system.



## An ideal system

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 inbuilt load level.





### Safe as houses

If the system is suddenly overloaded, the impact is not directed to the spur gears in the driveline, instead a roll pin in the sprocket drive shaft shears off. 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. The roll pins are replaced within a few minutes, saving costs and minimizing downtime.





# The KRONE DuoGrip centre-of-gravity suspension

- The DuoGrip system centre-of-gravity suspension and linkage control
- Uniform ground pressure across the entire work width
- Excellent guidance: less side thrust, clean cuts
- Short and high-strength beam

A clean cut is fundamental for clean forage. Clean cuts are attributed to the special design of the cutterbar and the special suspension. The special KRONE DuoGrip suspension system suspends the disc mower in its centre of gravity and provides lateral guidance at the same time. Maintaining a consistent ground pressure across the full work width, the design leads to cleanest cuts on the one hand and light pulling and optimum lateral control on the other.



## Spreading the load

The parallelogram linkage absorbs lateral forces and guides the unit in direction of travel. At the same time, it helps reduce the load on the jib and the suspension system at the machine's centre of gravity.



## Strong

The jib mounts on a pin that pivots in a ball socket that provides plenty of movement and therefore exemplary contouring. In addition, it has an integral break-back system for effective impact protection.



#### **Suspended in its centre of gravity and not centrally**

Maintaining a uniform pressure across the entire work width is a requirement that is thoroughly met by Krone disc mowers, courtesy of a gearbox that is arranged on the inside of the machine where it shifts the centre of gravity to the side.

This, the short jib and two extra braces give maximum stability while keeping the weight down – and delivering best results in rough going.



# The KRONE cutter suspension system

- Suspension springs with central control ensure uniform cuts and an optimum ground pressure
- Ground pressure control without tools
- Options: Hydraulic ground pressure control on the move is an option
- Two-fold impact damage protection

The hydraulic and the mechanical suspension springs are extremely responsive and provide perfect cuts even in undulating terrain and at high forward speeds. This is the first step in making clean and high-quality forage and a requirement for a fast and uniform re-growth. The kinematics between the coil spring and the main beam maintain a nearly consistent ground pressure, even in undulating terrain.



## For peace of mind

Conveniently visible from the cab, the pressure gauge indicates the current ground pressure for peace of mind that the machine is operating at the optimum pressure and minimum lateral pull requiring substantially less tractor power.

### Adjusting the ground pressure manually

Adjusting the spring manually is a fast and easy job. Simply refit a pin to select the target tension. The ground pressure drops as the spring tension increases.

### Adjusting the ground pressure from the tractor

The spring can also be adjusted hydraulically as an option for instant ground pressure changes on the move. The spring tension is released from the seat before the machine is removed from the tractor.



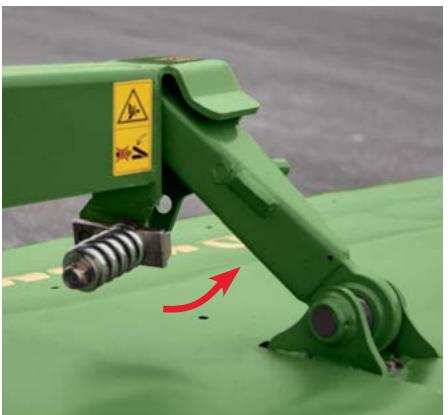


#### Fully protected

The standard impact damage protection system on EasyCut R models gives you peace of mind as you work along borders, fences and hedges and suddenly collide with an obstacle. When the system trips, the mower swings 1.20 m (3'11") to the rear and up to 40 cm (1'4") upwards and clear out of any obstacle. After the obstacle has been passed, the mower swings automatically back into work position.

#### Rear and upward travel

The standard mechanical impact protection system is a very dependable system that consists of an adjustable coil spring and a latch. Integrated in the suspension system, it ensures the mower breaks back when impacting an obstacle.





# Work position and transport position

- The unit folds into an over-centre position, reducing the transport height and optimising the weight distribution and view to the rear
- The unit is lifted hydraulically and without raising the tractor links to make the headland turn
- Large suspension travel

Implementing a large work width on a mower poses a special challenge to the designers who have to reconcile demands for high work rates with those for good transport and contouring qualities. The solutions are reflected by the KRONE Z-form, the low pivot point, the over-centre transport position and the headland position that does not require operating the tractor's link arms. KRONE disc mowers offer safe travel and best cuts even in difficult conditions.



## Controlled from the cab

The unit folds hydraulically beyond TDC, the single-acting ram on the EasyCut R 280 and R 320 has an accumulator and folds 110° over top dead centre, the double-acting ram on EasyCut R 280 CV, R 320 CV and R 360 folds 124° for better road stability and visibility. Actively folding and unfolding, both versions make for trouble-free changeovers.



## Large suspension travel

Z-shaped arms enable large vertical travel (29° up, 20° down) – ideal for mowing banks and verges.



#### Reduced transport height

The Z-shaped arm has a low pivot point for a reduced transport height and yet offers a large ground clearance for smooth travel on rutted field roads.



#### Safe road travel

Shifting the machine weight to the middle distributes its weight more evenly on to the lower links, which improves the tractor ride and gives operators a clear view behind in the mirrors.



# EasyCut R 280 and R 320

- Manual or hydraulic ground pressure control
- Low-maintenance, frictional drive; no belts
- KRONE SafeCut cutterbar protection is a standard feature
- Cantilevered guard frame ensures smooth crop flow

Looking for a high-capacity mower that works at widths of about 3.00 m (9'10")? Then the KRONE EasyCut R 280 and R 320 with DuoGrip disc mowers are for you. These machines are packed with innovative features such as the DuoGrip centre-of-gravity suspension with manual or hydraulic suspension control, the unique auto-reset system and the optimized cutterbar for stripeless cuts.



## Spring suspension

The spring on EasyCut R 280 and R 320 is adjusted manually or hydraulically as an option for best contouring in all types of terrain and also at high forward speeds.

## Constant-velocity and high-power driveline

The power flows down a frictional driveline of shafts and gears. The drive shaft boasts overrunning and friction clutches between the main gearbox and the mower providing maximum protection to the cutterbar, the universal joints as well as the tractor pto.

## Full work width

EasyCut R 280 and EasyCut R 320 have adjustable lower link pins that allow the machine to run offset behind the tractor and cut at full width at any track width, on side slopes and in combination with a front mower.



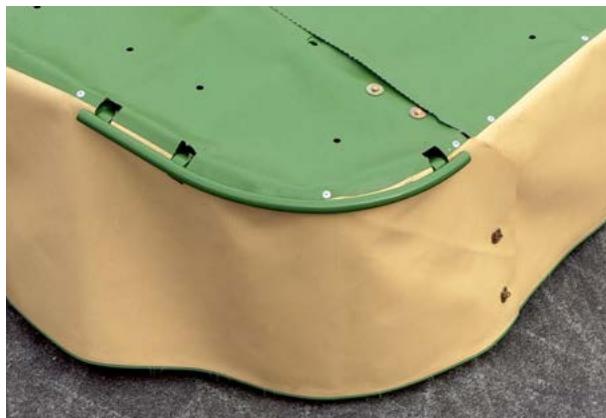


#### Added protection

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 and consistent crop flow

All EasyCut R 280 and EasyCut R 320 models have a cantilevered deck that enables an unobstructed crop flow. These mowers cut and swath across sloping fields and in awkward patches without any hiccups, delivering uniform swaths that speak for themselves.





# EasyCut R 280 and R 320

- Only one double-acting spool required to operate the folding mechanism
- The mower inclines to the middle of the tractor for convenient travel between fields
- Folded to 110° on the optional stands, the mower requires only minimum storage space
- Impact damage protection by rear and upward travel

At home and abroad, KRONE disc mowers perform successfully in many different countries and conditions, where developers gain new insights and in-field experiences implementing these into the development of EasyCut. For example, the EasyCut R models can be stored in vertical position to save space in the machine shed. This is just one of many practical details on the KRONE disc mowers that save time and hassle.



## Automatic

When the mower moves into transport position, the guard folds back to reduce the transport height. When the machine lowers into work position the guard, too, moves back into work position.

## Great accessibility

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

## Handy box

Spare blades are neatly stored in this drawer.





#### **The tipper coupler will do**

Only one single-acting ram with accumulator is required to swing the rear-mounted EasyCut R 280 and R 320 mowers from work position to headland or transport position and vice versa.

#### **A KRONE exclusive!**

The vertical storage position saves space in the machine shed. The optional stands give the machine good footing and are useful for attachment and removal. But of course EasyCut R 280 and EasyCut R 320 also store in horizontal position.





## EasyCut R 360 and R 400

- 3.60 m or 4.04 m (11'10" or 13'3") working width
- Forming two swaths or spreading the material
- Hydraulic cutterbar suspension is available as an option
- Excellent value for money

The high-capacity EasyCut R 360 and R 400 mowers are mounted machines that score on enormous work rates and productivity, performing equally well in forage harvesting and field extensification.



EasyCut R 360

### The three-point hitch

These two models have particularly strong headstocks. They can move sideways and the lower link pins can be refitted to adjust to suit different tractor track widths and to team up with a front mower.



EasyCut R 400



EasyCut R 360



EasyCut R 400

#### Suspension springs

These two mowers have two very strong suspension springs that minimize the ground pressure. Operators can adjust the spring loading manually or hydraulically as an option from the tractor seat.



# EasyCut R 360 and R 400

- Low power input
- **DuoGrip:** centre-of-gravity suspension and linkage control
- Mechanical impact protection by rear and upward travel
- **SafeCut:** Shear-bolt protection on each individual disc

The EasyCut R 360 and 400 models offer the specification and operator comfort you deserve: excellent value for money, high acreage at low power input, centre-of-gravity suspension, the innovative SafeCut disc protection system, a compact transport position, straightforward operation and convenient handling. All these details are benchmark features on a machine of this size. Depending on specification and disc rotation, they spread or windrow the crop into two equal swaths.



## EasyCut R 360 in road transport

The EasyCut R 360 model swings up and beyond TDC behind and very close to the tractor improving ride comfort especially on small tractors.



## EasyCut R 400 in road transport

The EasyCut R 400 goes into transport position by moving in-line behind the tractor and folding up the front guard, turning into a narrow, low-profile transport unit for smooth passage underneath bridges and through gates and for safe travel on public roads.



### No swathing

Spreading the material leads to faster wilting because it exposes a larger surface to the sun and wind, leading to very high-quality forage and fewer losses.



### 'B' sense of rotation for spreads across the full width

All discs on EasyCut R 360 and R 400 run with an opposed action and in pairs, spreading the material in a uniform mat across the full width.

### 'A' sense of rotation for swath formation

This is an option for those who try to avoid running over the cut crops. In this configuration only the two discs in the middle run with an opposed action, producing two swaths.





## EasyCut R 280 CV and R 320 CV

- Easy and quick operation
- Optional deflectors spread the material across the full width
- Infinitely variable swath widths
- Mechanical gearbox, variable conditioning intensity

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

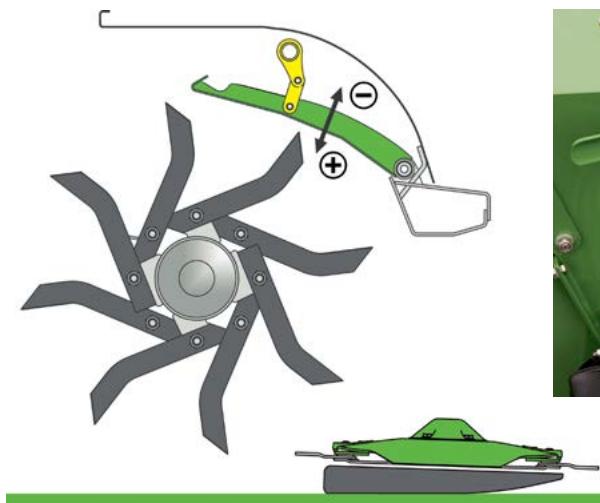
The V-tines are made from hardened steel and mount at a steep angle, treating the forage intensively and powerfully. The tines pivot to the rear when hitting a foreign object. Whereas forward pivoting is restricted to increase the service life of the pins.

### Full-width conditioning

The tine conditioners on each mower span across the work width from the left to the right top hat,

providing a uniform and consistent crop flow across the full width and giving optimum conditioning.





### Stepless baffle plate adjustment

This lever in the multi-step gate varies the gap between the tines and the baffle plate. As you reduce the gap you increase the intensity of conditioning.

### Intensive conditioning

The standard baffle plate on the CV conditioner adds to the conditioning effect of the tines for more intensive conditioning.



### The mechanical gearbox

Select 900rpm for intensive treatment and 600rpm for less intensive conditioning. Setting the speed is easy from the gearshift lever.





# EasyCut R 280 CR and R 320 CR

- Consistent crop flow by 25 cm (10") diameter rollers
- High throughput from powered crop processor rollers
- Top quality from profiled rollers - thanks to the 'meshing effect'
- Great longevity from rubber coating

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.



## Full-width application

The full-width CR rollers ensure a uniform conditioning effect across the entire work width. And the rubber coating ensures maximum longevity.

## Firm grip on the crop

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





#### 250 mm (10") diameter

The large-diameter CR conditioner rotors deliver a smooth and consistent flow of crop and have a low power input.

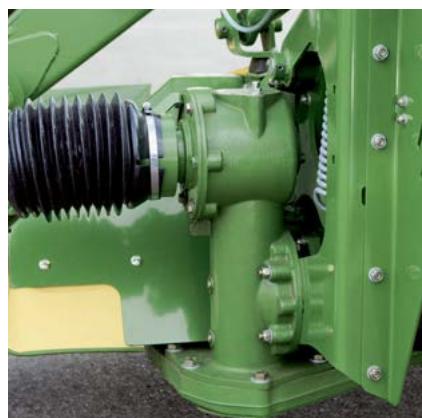


#### Frictional connections

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

#### Two drives for double power

The top roller is driven by a separate gearbox on the right end of the cutterbar which synchronizes the speed of the top roller with the bottom roller, bracing you for wet and heavy crops.





# EasyCut R 280/320 CV and R 280/320 CR

- Safe road travel with the mower folded to a 124° angle
- Stored on stands and in vertical position for minimum storage space
- Side-shifting headstock for optimum configuration
- Durable curtains with rubber bumper strips

KRONE is aware of farmers' needs and delivers the technology they need in order to maximize profits. The EasyCut R 280 CV/CR and R 320 CV/CR mowers are always the best choice, offering the options of shifting the headstock and moving the unit into a 124 deg. transport position for an even weight distribution and good visibility on the road.



## Two suspension springs

To compensate for a higher dead weight when equipped with a conditioner, EasyCut R 280 CV and R 320 CV have two manual or hydraulic (option) springs that suspend the machine weight.



## Easy maintenance

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



## Added protection

The foldable front and side curtains have rubber bumper strips that protect them from damage when colliding with obstacles.



#### Minimum space

Stands are available as an option to store the machine either in work or transport position – Saving space in the machine shed.



#### Full work width

The headstock can move to either side adjusting to different track widths and front mowers and allowing operators to cut at full widths and optimum overlap.





# EasyCut F 320 M · F 360 M · F 320

**PUSH** headstocks for **push-type** front mowers

- Close attachment to the tractor and compact on the road
- Adjustable ground pressure
- Perfect contouring, three-dimensional pivoting
- SmartCut and SafeCut cutterbars

Attaching to the link arms without A-frame, the EasyCut PUSH models are light-weight and compact and have stretched curtains. All EasyCut cutterbars are permanently lubricated and feature SmartCut and SafeCut.



## Closer to tractor

The PUSH headstock on the push-type EasyCut F320/360 M and F 320 front mowers is compact by design and offers a reduced weight and length reducing the weight on the front linkage.



## A clean cutterbar

The sloping deck and the stretched curtains prevent ingress of debris and the cutterbar stays clean.



## Compact on the road

Although offering a 3.16m (10'4") cutting width, the EasyCut F 320 M and F 320 fold into a very compact transport unit. The ends of the curtain guard fold back to bring the transport width down to 3.00 m (9'10"). A hydraulic fold mechanism is an option.



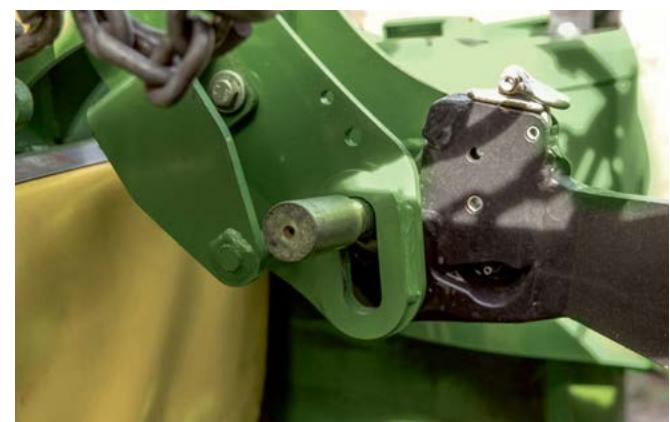
#### Adjustable ground pressure

Adjustable springs optimize the ground pressure for best contouring and sward protection.



#### Contouring in direction of travel

The flexible and telescoping top link (option) allows the mower to follow any contour and produce a perfect cut.



#### Contouring across the direction of travel

Elongated holes for the two coupling pins allow the machine to pivot laterally and follow every contour even in the most difficult terrain, providing best protection to the hardware and the sward.



# EasyCut F 320 M · F 360 M · F 320

**Pulled** front mowers with a **PULL** headstock

- For standard-fit hydraulic suspension
- Convenient ground pressure adjustment from the cab
- Perfect contouring from generous up- and rearward travel
- Front guards open wide for convenient servicing

KRONE front mowers with PULL headstocks are the perfect machines to cut extremely undulating terrain. Whether cutting flat or hilly land, they stand out for their enormous agility and generous up- and rearward travel.



## Compact design

The pulled EasyCut F 320/360 M and F 320 front mowers attach quickly and easily and without A-frame to the tractor linkage. A single-acting ram that is integrated in the headstock and lifts the mower clear of the ground for smooth headstock turns.



## Large suspension travel

The mower is suspended in its centre of gravity, a design that increases the machine's up/down travel and guarantees the sward is not damaged in undulating terrain. When hitting an object, the mower breaks back and to the rear without altering its cutting height.



## Convenient set-up

The current ground pressure is shown on the pressure gauge and can be altered hydraulically from the tractor seat for on-the-move adjustment to varying conditions. A lockable tap allows operators to carry out up/down and lock/release functions.



#### Protected from contamination

The sloping deck collects less material and the curtains stay cleaner. Canvas curtains won't rust, save weight, protect the cutterbar and enhance the mower's ability to follow the ground contours.

#### Plenty of room

The front curtain opens up wide for convenient servicing and blade replacement. An integral drawer stores the spare blades right on the machine.



#### In best shape

The EasyCut F 320 PUSH and PULL models have two massive and powered swath drums that produce a uniform swath for the tractor to straddle it. By comparison, the F 320 M / F 360 M PUSH and PULL without swathing drums spread the material across the full work width for more uniform wilting and reduced machine weight.

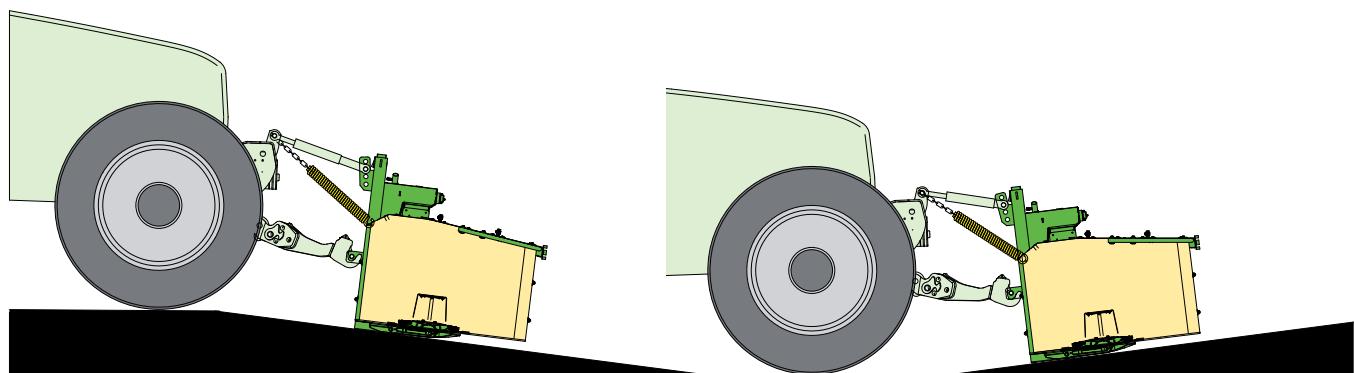


# EasyCut F 280 M · F 320 M · F 360 M

## The summiteers

- Ideally suited for compact tractors and mountain regions
- Lightweight machines reduce the load on the front axle
- Compact design for good handling
- Centre-of-gravity suspension and pivoting headstock

The front-mounted 2.73m (8'12") EasyCut F 280 M, the 3.16m (10'4") F 320 M, and the 3.60m (11'10") F 360 M disc mowers are the ideal mowers for mountain fields, boasting a compact design, a centre of gravity close to the tractor, a perfect cut on steep slopes and good attachment options for light-weight and compact mountain tractors.



### Contouring perfectly

Following every contour, the pushing suspension design provides generous vertical travel and combines with long skids and a telescoping top link to provide optimum ground hugging in any direction. The extremely small gap between the tractor wheels and the mower reduces the pivoting range, increases drive shaft longevity and enhances visibility.



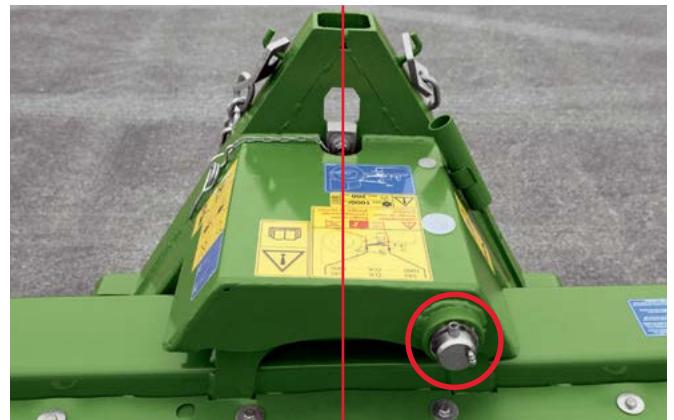
### Suspension for the PUSH version

Adjusting the ground pressure is easy by setting pins and adjusting the chains that alter the spring tension. A telescoping top link is an option for even better contouring in undulating terrain.



#### Large suspension travel

30cm (12") vertical travel on either end of the machine allows EasyCut F 280, F 320 M and F 360 M to give clean cuts in undulating terrain while protecting the sward.



#### Centre-of-gravity suspension.

The front mowers EasyCut F 280 M, F 320 M and F 360 M are not suspended in their mid-point but in their centre of gravity – a design that distributes the pressure uniformly across the entire work width and leads to cleanest cuts.



# EasyCut F 280 M · F 320 M · F 360 M

Lightweight on a heavy-duty mission

- Robust headstock and vertical travel
- Plenty of clear space for an unobstructed crop flow
- Driveshaft powered gears for ultimate efficiency
- No hydraulics
- Two optional hat-topped discs for work on slopes

Light in weight (500 kg + (1,102 lbs +)), the EasyCut FM front mowers perform effectively in any type of terrain. No spools required. Attachment and removal is quick and easy. The cutterbar is suspended right behind the outer hats – an ideal design that ensures a uniform crop flow.



## Superior speed stability

Drive power flows through a frictional driveline of pto shafts and gears, a system that warrants an efficient transfer of power from the tractor down to the cutterbar discs – even in difficult conditions.

## Central swathing

The discs and top hats spinning towards the middle (A sense of rotation) feed the crop in a consistent flow to the middle forming a central swath which offers the best setting for further processing.



## The ideal spec for slopes

Two optional top hats of medium height help ensure a uniform crop flow when working on steep slopes and even across the slope.





#### Teaming up with rear mowers

The versatile front mowers are the perfect choice for work on slopes and make great combinations with rear mowers.

#### Compact on the road

The guard ends on EasyCut F 280 M and F 320 M front fold back to bring the transport width down to 3.00 m (9'10"). They can also fold hydraulically as an option. EasyCut 360 M has transport width of 3.45m (11'4").



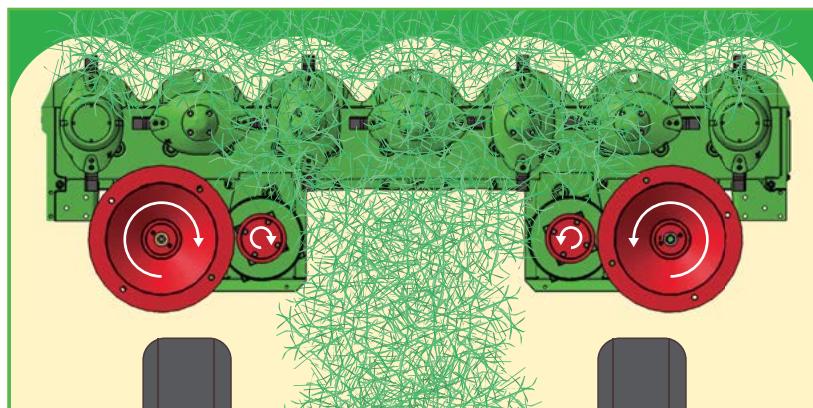


# EasyCut F 280 · F 320 · F 360

## Powered top hats

- Powered top hats present the swath between the tractor wheels
- Uniform swath presentation
- Continuous crop flow

The KRONE EasyCut F 280, F 320 and F 360 stand out for their massive top hats which mount behind the discs on either end of the cutterbar. Driven from within the cutterbar, they provide a consistent flow of crop to the centre of the machine. So that the tractor wheels will not run on the fluffy swath and the harvester will pick up the material without losses.



### Active top hats

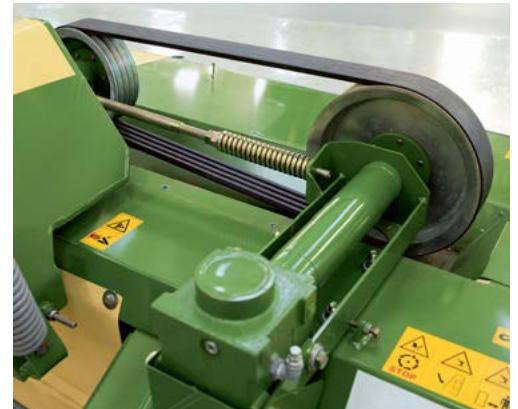
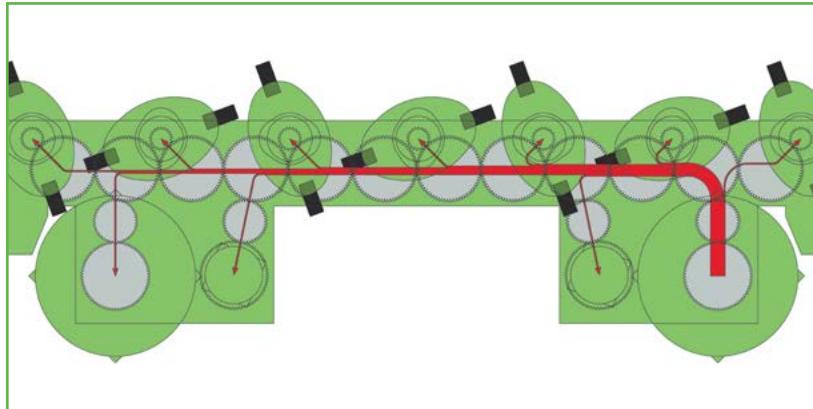
All discs on EasyCut F 280, F 320 and F 360 spin inwards, feeding the material to the middle and forming the swath. The powered top hats feed the crop flow to the rear for a perfect swath - even on slopes.

### Perfect cuts, smooth running

The use of massive spur gears in the main gearbox translates into smooth running and great efficiency. The smaller auxiliary spur gears drive only one disc each. The gears that drive the top hats are powered by the spur gears in the main gearbox.

### Smooth power flow

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





### Narrow swathing

The EasyCut F 320 and F 360 models with low top hats can have the existing hats topped by extensions. The bolted extensions reduce the swath by approx. 40cm (1'4") so narrow tractors can straddle it.

### Spreading the material across the work width

EasyCut F 320 and F 360 have high and low top hats distributing the material across the work width – forming an ideal combination with rear mowers that spread the material across the work width.



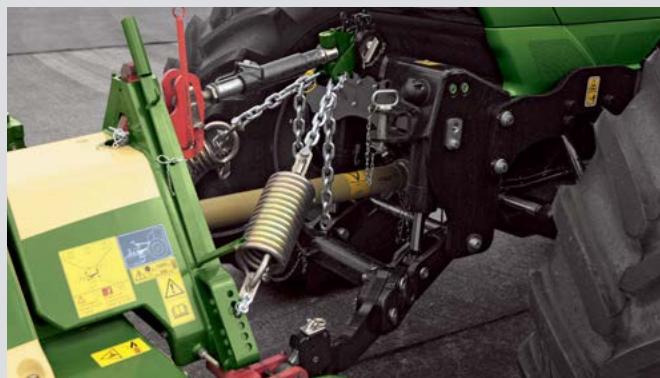


# EasyCut F 280 · F 320 · F 360

## The pushed design

- A compact combination
- Generous pivoting range
- Optional telescoping top link
- No hydraulics

The front-mounted KRONE mowers stand out for easy handling, a straightforward design and superior functionality. The pushed version is compact in size and low in weight. 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 for perfect cuts, uncontaminated forage and fast re-growth.



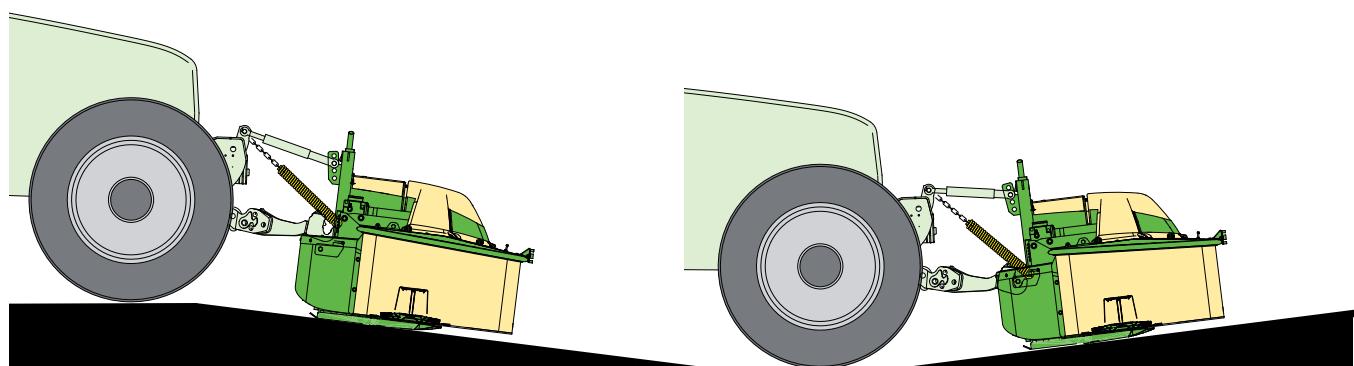
### Adjustable ground pressure

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.

### Adapting all the time

The EasyCut F 280, F 320 and F 360 follow any ground contour axially and transversely. Their push-type configuration gives them an immense pivoting range and plenty of clear space all round, which is ideal in extremely undulating ter-

rain. Compact by design and offering an excellent visibility, they offer great operator comfort in the field and in road transport. Mounted close to the tractor, they minimise link travel. Reduced wear on the drive shaft.





#### Greater agility

The flexible and telescoping top link (option) allows the mower to follow any contour and maintain a uniform cutting height.

#### Gentle on the sward

The large contact area gives best contouring and height control even in difficult terrain. The low ground pressure makes floating even easier to avoid any scuffing.





# EasyCut F 280 · F 320 · F 360

The pushed design



#### A good follower

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



#### Convenient and automatic

Integral coil springs suspend the mower horizontally when lifted out of work. The hydraulic damper absorbs lateral vibrations and enhances operator comfort.



#### Great protection

The front and side curtains have rubber bumper strips that protect them from damage and retain the value of the mower.



#### **Centre-of-gravity suspension.**

Cutting at a uniform ground pressure across the full work width, the EasyCut F 280 and EasyCut F 320 mowers suffer less wear, operate smoothly and leave perfect cuts.



#### **Fold-up guards**

The guard ends on the KRONE EasyCut F 280 and EasyCut F 320 front-mounted disc mowers fold back to bring the machine's 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") in transport position. The hydraulic guard ends are options and require a double acting spool.



#### **Safe road travel**

Lights and warning panels are standard specification on the F 360 and an option on F 280 and F 320. The two models are supplied with standardized brackets that suit third-party lights as well.





# EasyCut F 320 CV and F 320 CR

- Work width: 3.16 m (10'4")
- PUSH-type or PULL-type cutterbar
- Choose between aggressive steel tines or chevron-profiled rollers for intensive treatment

The front mowers F 320 CV with tine conditioner and F 320 CR with roller conditioner are specialists that warrant high-quality forage. Featuring either a large 64 cm (2'1") diameter tined rotor or two 25 cm (10") conditioning rollers, these mowers are the pros that deliver high-quality forage and best conditioning even in high-yielding crops.



## The pushed design

Doing without the former A-frame provides plenty of space to fit massive coil springs that pull the machine towards the tractor providing the best possible suspension. The pushed design makes for a very compact machine, reduces weight and is gentler on the turf. The transverse pivoting action is provided by the tractor's link arms. The EasyCut F 320 CV is also offered as a floating version (see fig. A).



## The pulled design

The pulled version has the suspension springs integrated in the machine's suspension system. The tension of the two springs is controlled from one single crank.



#### **Large suspension travel**

The pulled headstock design allows the machine to break back and up through a larger angle, hence making it more suitable for operation in rolling land.



#### **Plenty of ground clearance**

The pulled headstock has a hydraulic cylinder that raises the mower extra high, providing plenty of ground clearance in any type of terrain.



#### **Narrow in transport**

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



# EasyCut F 360 CV and F 360 CR

- 3.60 m (11'10") work width, 3.45 m (11'4") transport width
- Choose between aggressive steel tines or chevron-profiled rollers for intensive treatment
- Pushed or pulled design

The KRONE EasyCut F 360 CV and CR front mowers can have a pushed or pulled 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 and make for larger work widths in general.



## Patented system

Adjustable springs optimize the ground pressure and make for 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.

### Pulled

The KRONE EasyCut F 360 CV and CR front mowers can have a pull-type suspension. This allows the mower to break back and up for added protection from foreign objects.

### Large suspension travel

The pull-type configuration gives the machine more than 30 cm (12") transverse travel for cleanest cuts also in undulating fields.

### 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.





#### Pushed

The floating EasyCut F 360 CV and F 360 CR in pulled configuration are compact and slim machines that provide excellent visibility. These machines 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

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.





# The KRONE tine and roller conditioners

## The CV tine conditioner

- The specialist for grass crops
- Intensive conditioning from V-type steel tines at steep angles
- Powerful drive belt with four grooves for 900rpm and 600rpm

## The 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

Adjusting the conditioning intensity accurately to crop yields is easy on EasyCut F 320 and F 360 CV/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 bare minimum.



### CV tine conditioner

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

### Swathing or spreading

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.



### 600rpm or 900rpm

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.





#### CR roller conditioner

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

#### 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.

#### The power of two

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

## Front mowers

		EasyCut F 280 M	EasyCut F 320 M	EasyCut F 360 M	EasyCut F 280	EasyCut F 320	EasyCut F 360
			NEW		NEW		NEW
work width	Approx. m	2.73 (8'11.5")	3.16 (10'4")	3.16 (10'4")	3.60 (11'10")	3.60 (11'10")	2.71 (8'11")
Transport width	Approx. m	2.56 (8'5")	3.00 (9'10")	3.00 (9'10")	3.45 (11'4")	3.45 (11'4")	2.56 (8'5")
PUSH design		Standard	Standard	Standard*	Standard	Standard*	Standard
PULL design		–	–	Option**	–	Option**	–
Optional discs	Number	4 / 2 opt.	5 / 2 opt.	5	6 / 4 opt.	6	4
Top hats	Number	2 / 4 opt.	2 / 4 opt.	2	2 / 4 opt.	2	2
Swathing drums	Number	–	–	–	–	2	2 / 4 opt.
SafeCut		Standard	Standard	Standard	Standard	Standard	Standard
Swath width from 2 top hats	Approx. m	–	–	–	–	1.10 (3'7")	1.40 (4'7")
Swath width from 4 top hats	Approx. m	–	–	–	–	–	1.10 (3'7")
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)	695 (1,532)	680 (1,499)	800 (1,764)	740 (1,631)
Tractor power	kW / hp	40/55	48/65	48/65	54/75	51/70	44/60
Area output	approx. ha/h	3.0-3.5	3.5-4.0	3.5-4	4.0-4.5	4.0-4.5	3.0-3.5
Hydr. Side guards		–	Optional	Optional	Optional	Optional	Optional
1 extra da spool required		–					

\*PUSH version \*\*PULL version

## Front mowers with conditioner

		EasyCut F 320 CR	EasyCut F 320 CR	EasyCut F 360 CR	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")
PUSH versionPULL version		Standard Option	Standard Option	Standard Option	Standard Option
No. of discs		5	5	6	6
No. of top hats		2	2	2	2
SafeCut		Standard	Standard	Standard	Standard
Swath 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 tine conditioner		Standard	–	Standard	–
Standard	600 or 900rpm	Standard	–	Standard	–
Roller conditioner		–	Standard	–	Standard
Top roller drive		–	Optional	–	Optional
Wide spreading deflector boards		Optional	Optional	Optional	–
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)
Tractor power	kW / hp	59/80	59/80	66/90	66/90
Hydraulic ground pressure control		Option (1 x da)	Option (1 x da)	–	–
Hydraulic side guard folding		Option (1 x da)			
Area output	approx. ha/h	3.5 - 4.0	3.5 - 4.0	4.0 - 4.5	4.0 - 4.5

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

## Rear mowers

		EasyCut R 280	EasyCut R 320	EasyCut R 360	EasyCut R 400
work width	Approx. m	2.73 (8'11.5")	3.16 (10'4")	3.60 (11'10")	4.04 (13'3")
Transport heightTechnikRelationen	Approx. m	3.50 (11'6")	3.90 (12'9.5")	4.00 (13'1.5")	4.50 (4'11")
Vertical transport position		110°	110°	124°	-
No. of discs		4	5	4/6	5/7
No. of top hats		2	2	4/2	4/2
SafeCut		Standard	Standard	Standard	Standard
Quick-change blades		Standard	Standard	Standard	Standard
pto speed	rpm	540	540	540	540
Optional pto speed (rpm)	rpm	1,000	1,000	1,000	1,000
Dead weight	Approx. kg (lbs)	780 (1,720)	840 (1,852)	1,040 (2,293)	1,050 (2,315)
Tractor power	kW / hp	40/55	50/68	55/75	66/90
Mechanical ground pressure control		Standard	Standard	Standard	Standard
Hydr. Setting the ground pressure		Option (1 xda)	Option (1 xda)	Option (1 xda)	Option (1 xda)
Hydraulic spools		1 sa	1 sa	1 sa 1 da	1 sa 1 da
Lower link pin		Cat. II	Cat. II	Cat. II	Cat II/III
Area output	approx. ha/h	3.0 - 3.5	3.5 - 4.0	4.0 - 4.5	4.5 - 5.0

## Rear mowers with conditioner

		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")	3.16 (10'4")
Transport height	Approx. m	3.10 (10'2")	3.10 (10'2")	3.50 (11'6")	3.50 (11'6")
Vertical transport position		124°	124°	124°	124°
No. of discs		4	4	5	5
No. of top hats		2	2	2	2
SafeCut		Standard	Standard	Standard	Standard
Quick-change blades		Standard	Standard	Standard	Standard
CV tine conditioner		Standard	—	Standard	—
Standard	600 or 900rpm	Standard	—	Standard	—
CR roller conditioner –		—	Standard	—	Standard
Top roller drive		—	Optional	—	Optional
Wide spreading deflector boards		Optional	—	Optional	—
pto speed	rpm	540	540	540	540
Optional pto speed (rpm)	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)
Tractor power	kW / hp	51/70	51/70	59/80	59/80
Mechanical ground pressure control		Standard	Standard	Standard	Standard
Hydr. Setting the ground pressure		Option (1 xda)	Option (1 xda)	Option (1 xda)	Option (1 xda)
Hydraulic spools		1 sa 1 da			
Lower link pin		Cat. II	Cat. II	Cat. II	Cat. II
Area output	approx. ha/h	3.0 - 3.5	3.0 - 3.5	3.5 - 4.0	3.5 - 4.0

# Maschinenfabrik Bernard Krone

Perfect in every detail



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

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