

EasyCut F/R

Mounted disc mowers



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EasyCut

More than just a mower



Quick-changing knives

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- SafeCut INSIDE 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
- 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

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EasyCut:

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

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EasyCut R 280, R 320, R 360

Pulling light, compact and floating over undulations, the rear 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 320 CV

These rear mowers are equipped with our CV conditioners that speed up the wilting process. The right-angle and V-type steel tines treat the crop across the full width of the mower bed.





Finest engineering

Buying a new generation EasyCut 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

This front mower has the CV conditioner with steel tines and cuts at a width of 3.16 m (10'4.5"). The manual or optional hydraulic suspension springs maintain an optimum ground pressure.

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 mower bed

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 established system of satellite gears is a KRONE development. Ever since it was introduced in 1989, this design has proven extremely well all over the world. A driveline of massive spur gears with up to 66 teeth transfers 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

SmartCut The KRONE EasyCut disc mowers provide cleanest and most accurate cuts. The enclosed and fully welded bed remains undeformed and reliably leak proof through many years of hard work. Inside, massive and oil-immersed spur gears guarantee guiet and dependable running in permanent operation and at highest workloads whilst quick-changing knives 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 mower beds. 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.



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 longstemmed 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.





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").



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

Cost saver

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

Cleanest cuts guaranteed

112 mm (4.5") knives 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.







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 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



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Not in the middle but in the centre of gravity

Absolutely balanced operation - a claim KRONE disc mowers deliver to full satisfaction. KRONE prefers a suspension system that holds the mower in its centre of gravity, thereby balancing out the extra weight of the gearbox which is arranged on the inside of the machine. The short arm, the centre-of-gravity suspension and the two extra rods provide effective guidance and maximum stability whilst minimizing machine weight - an ideal configuration for jobs in difficult conditions.



DuoGrip – the most effective guidance system

High-quality forage is uncontaminated forage. Clean cuts are not only attributed to the cutterbar but also to the mower's suspension system. The KRONE DuoGrip system not only suspends the mower in its centre of gravity but also provides lateral guidance with the help of two extra rods. At the same time and most intriguingly, the system maintains a uniform ground pressure across the full width of the mower, which is the ingredient for even cuts, extremely light pulling 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) Break-back system moves the mower up and to the rear for added 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.

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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.

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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

- Adjust the pressure manually or hydraulically as an option
- Low-maintenance and frictional driveline without belts
- KRONE SafeCut disc protection is standard specification
- Cantilever guards ensure smooth crop flows



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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.





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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.



Extra protection

The foldable curtains on the sides benefit from an extra hoop that provides protection when colliding with obstacles. We at KRONE know what farmers out there need.

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.

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.







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.







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 ads 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



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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.



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.

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.

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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.





EasyCut R 280 CV, 320 CV

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V-shaped steel tines for higher intensity

V-shaped steel tines work at steep angles for strong and perfect conditioning

- Extra long and massive 640 mm (2'1") rotor
- Adjustable baffle plates for intensive conditioning
- Frictional and low maintenance driveline without belts

Full-width treatment

The V-shaped steel tines on each mower are arranged across the entire work width and from the left to the right drum, providing a uniform crop flow across the full width and of course optimum conditioning.



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Powerful and intensive conditioning

Arranged in a helix, the steep and V-shaped steel tines condition the material across the full width whilst the massive 640 mm (2'1") rotor guarantees a smooth crop flow, high intake capacity and best 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.



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Spread as wide as possible and as narrow as necessary

Scientific research has shown that wide spreading enhances significantly fermentation and the quality of the forage. Our optional spreading plates not only spread the material across the width but also present it in light and fluffy windrows, which in turn eliminates at least one tedding pass and leads to higher milk production levels whilst reducing the requirement for feed additives.





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Adjusting to conditions

Our CV conditioner is your forage specialist. Offering a wide range of setting options, this conditioner adjusts to individual crops and to various windrow widths. With operator comfort in mind, KRONE designed a straightforward setting system that makes life in the field simple and easy.









1. As you like it

The baffle plate on the wide spreading hood adjusts without the need of tools to present the windrows in the required form and arrangement to suit the type and density of the crop.

2. For narrow tractors

Optional top hats are available for the EasyCut mower conditioners to form very narrow windrows that narrow tractors can straddle.

3. Adjustable windrow width

The base specification CV conditioners have deflector plates on either end which swing in and out.

4. Straddle the windrow

Operators can adjust the windrow width to suit the tractor's track width and tyres and avoid the wheels running on the forage and pressing it into the soft sward. These windrows are presented perfectly to be easily picked up by the following harvester like round baler or forage wagon.



EasyCut R 280 CV, R 320 CV

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

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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 and R 320 CV. 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.



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.

Ground pressure is adjusted

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.







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

This photo shows the EasyCut F 320 M model stripped

off its flexible guards, which obviously cover an uncluttered design. Weighing in about 500 kg (1,102 lbs) and 620 kg (1,367 lbs), the EasyCut F 280 M and F 320 M front mowers stand out for their light build and easy handling. 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 knives.

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.



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.



Versatile and flexible

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





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

Four automatically tensioned belts transfer the tractor power to a right-angle gearbox, which sends it through the top hats to the cutterbar. 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.





EasyCut F 280, F 320, F 360

Perfect control

- A compact tractor mower 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.



Ground pressure is adjusted

To adjust the ground pressure simply refit the springs in the pin-hole-setting system and the chain links. As you optimize the pressure you optimize the cut at high work rates.

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.









Floating up and down

Swinging through a 40 cm (1'4") angle, these mowers float over any undulation and leave the sward as they present the forage clean and tidy.



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.



Folding guards

When the KRONE EasyCut F 280 and EasyCut F 320 have their guards folded into vertical position they do not exceed the statutory 3 m (9'10") transport width in many countries. EasyCut F 360 has a transport width of 3.45 m (11'4") and is marketed in suitable markets. As an option the guards fold hydraulically and require a double-acting spool.



Safe travel on the road

The KRONE front mowers are supplied with standardized push-in struts that hold the lights and warning panels. Road travel is always on the safe side with lights.





- Intensive conditioning V-shaped steel tines at steep angles
- Variable conditioning intensity from a 600/900 rpm gearbox and an adjustable baffle plate

Full-width treatment

Reaching across the full work width, the conditioner rotor with V tines at steep angles and baffle plate provides a uniform crop flow across the full width and optimum conditioning.

Spreading across the full width

Optional and adjustable deflector plates are fitted for wide spreading and faster conditioning.





For the best forage

Cutting and conditioning in one pass, the KRONE front mowers with CV steel tine conditioner are specialist machines to cut quality forage for on-farm use. The large 64 cm (2'1") diameter rotor copes with even the longest crops. The angled V tines feed the material past the baffle plate, treating it across the full work width.



It's intensive

V-type steel tines at steep angles and an adjustable baffle plate give effective treatment, reduce wear and adapt to the current crop conditions.



No tools required

Adjust the tine / baffle plate clearance easily and without tools to alter the intensity of conditioning. The narrower the clearance, the greater the conditioning effect.

Mechanical gearbox

The integral mechanical gearbox that drives the CV conditioner offers two speeds – 600 rpm and 900 rpm. It just takes a single move and you set the treatment you want for your crop.







Hydraulic pressure control

The optional hydraulic spring tensioning system offers quick and convenient control on the move. As a result, the machine gives clean cuts and therefore high-quality forage.

At a glance

The hydraulic spring control system comes with a pressure gauge, which mounts in a position where the operator can read it easily from the seat. Monitoring and adjusting the pressure from the seat is easy.





WKRONE | EasyCut 10/13

Ideal functionality and handling

Our EasyCut F 320 CV is the front mower of choice when it comes to professional forage production. The headstock with its integral springs allows the mower to float over any ground contour whilst maintaining the set pressure. Easy to attach and remove, and providing optional hydraulic adjustment, the machine offers its users the highest comfort ever.



A pleasure to operate

Operators of base specification models set the pressure by turning a spindle on the coil springs. Attaching and removing the machine to and from the tractor is easy, because the suspension springs lock into place.

EasyCut Float

As the machine floats over varying contours, not only the suspension travel varies but also the leverage of these links, which are chain linked to the tractor. The interaction between the coil springs and the links ensures the ground pressure is maintained at all times, even in undulating terrain.

Controlled from the cab

The side guards fold up for travel on public roads. You can opt for a hydraulic and more convenient system.





EasyCut 10/13 | WKRONE

EasyCut F 360 CV, F 360 CR

Extra wide

- 3.60 m (11'10") work width, 3.45 m (11'4") transport width
- Robust headstock
- A compact tractor mower combination
- Excellent overlap with rear mower



i

Pushed set-up

EasyCut F 360 CV and F 360 CR are compact and uncluttered machines with a pushed cutterbar suspension design. These 3.60 m (11'10") mower conditioners stand out for their excellent dead weight and clean cuts.

Floating over the ground

Adjustable suspension springs ensure the ground pressure is always optimal and the mower bed glides smoothly over the sward. The optional telescoping top link translates into perfect cuts in undulating terrain.





The specialist for super widths



The KRONE EasyCut F 360 CV/CR front mower

models with pushed mower beds meet demands for extra wide front mowers. Working at a 3.60 m (11'10") width, these machines are designed to combine with high-horsepower tractors with wide track widths and wide tyres. The combination benefits from larger overlaps for wider work widths and cleaner cuts on slopes and headlands.



Robust

High-power tractors and heavier equipment require a coupling system to match. The three-point headstock withstands massive loads and makes for fast and easy coupling.

Hydraulic control

The side guards fold hydraulically as an option for maximum operator comfort. There is no need to leave the tractor to fold the guards.





Steel tine or roller conditioner It's your choice i The CV conditioner is the specialist for crops that are predominantly grass Intensive conditioning with V-type steel tines at steep angles Powerful four-belt driveline for 900 rpm and 600 rpm speeds The CR conditioner is the specialist for leafy crops Loss-free conditioning by Chevron profiled meshing rollers th KAO 25 cm (10") rotor for smooth crop flow

V-shaped steel tine conditioner

The CV conditioner with hardened steel tines at steep angles conditions the crop across the full machine width. It is the consistently even flow of material that ensures the optimum treatment intensity.



Windrows or spreading

The machine offers both functions. The width of the windrow is controlled by deflector plates that can be angled to the side whilst optional deflectors ensure a consistent and uniform distribution across the entire work width.



600 rpm or 900 rpm

Four belts provide efficient drive power to the CV conditioners. Simply swap the pulleys and operate the CV conditioner at either 600 rpm or 900 rpm.



Uncompromising about quality forage

The front mowers EasyCut F 360 CV and EasyCut F 360 CR offers the flexibility to condition different types of crops. The CV conditioner with its V-shaped and steep steel tines gives best conditioning in crops that are predominantly grass. The CR conditioner with the large diameter rollers is preferred in lucerne and clover, which are conditioned gently at minimum loss.



Frictional connections

The drive power to the roller conditioner flows directly and slip-free via gearboxes. The gearbox that drives the bottom roller is integrated in the mower bed.



The large-diameter crop processor rollers condition even the heavi-

est of crop effectively and consistently whilst being very frugal on input power. The polyurethane coating ensures continued resistance to abrasion and wear.

25 cm Ø

Firm grip on the crop

The meshing crop processor rollers condition the crop across the full width. It is this meshing design that produces an intensive conditioning. Roller clearance, contact pressure and deflector plates adjust steplessly.

Two-fold power

The roller conditioner can be equipped with an extra gearbox for the top roller, which is synchronized via a gearbox from 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		2,730 (9')	2 160 (10/4 5")	3,600 (11'10")	2,710 (8'11")	3,140 (10'4")	3,570 (11'9")
	Approx. mm	,				, , ,	
Transport width	Approx. mm	2,565 (8'5")	3,000 (9'10")	3,450 (11'4")	2,565 (8'5")	3,000 (9'10")	3,450 (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
Quick-change blades		Standard	Standard	Standard	Standard	Standard	Standard
Windrow width from 2 top hats	Approx. mm	_	_	_	1,100 (3'7")	1,400 (4'7")	1,800 (5'11")
Windrow width from 4 top hats	Approx. mm	_	_	-	_	1,100 (3'7")	1,500 (5'11")
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 (acres/h)	3.0-3.5 (7.4-8.6)	3.5-4.0 (8.6-9.9)	4.0-4.5 (9.9-11.1)	3.0-3.5 (7.4-8.6)	3.5-4.0 (8.6-9.9)	4.0-4.5 (9.9-11.1)
Hydr. side guards (1 da spool required)		_	Option	Option	Option	Option	Option

EasyCut front mower conditioner

		EasyCut F 320 CV	EasyCut F 360 CV	EasyCut F 360 CR
Work width	Approx. mm	3,160 (10'4")	3,600 (11'10")	3,600 (11'10")
Transport width	Approx. mm	3,000 (9'10")	3,450 (11'4")	3,450 (11'4")
No. of discs		5	6	6
No. of drums		2	2	2
SafeCut		Standard	Standard	Standard
Quick-change blades		Standard	Standard	Standard
Windrow width	Approx. mm	1,300-2,700 (4'3"-8'10")	1,600-3,000 (5'3"-9'10")	1,600-3,000 (5'3"-9'10")
CV conditioner with steel tines		Standard	Standard	-
Mechanical conditioner gearbox	600/900 rpm	Standard	Standard	-
Roller conditioner		-	-	Standard
Upper roller drive		-	-	Option
Wide spreading deflector plates		Option	Option	-
PTO speed	rpm	1,000	1,000	1,000
Dead weight	Approx. kg	1,080 (2,381)	1,240 (2,734)	1,260 (2,778)
Power requirement	Approx. kW/hp	59/80	66/90	66/90
Hydraulic pressure control		Option (1 da spool)	_	_
Hydraulic guard fold		Option (1 da spool)	Option (1 da spool)	Option (1 da spool)
Work rate	Approx. ha/h (acres/h)	3.5-4.0 (8.6-9.9)	4.0-4.5 (9.9-11.1)	4.0-4.5 (9.9-11.1)

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



Technical data

EasyCut rear mowers

		EasyCut R 280	EasyCut R 320	EasyCut R 360
Work width	Approx. mm	2,730 (9')	3,160 (10'4")	3,600 (11'10")
Transport height	Approx. mm	3,500 (11'6")	3,900 (12'6")	4,000 (13'2")
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 (acres/h)	3.0-3.5 (7.4-8.6)	3.5-4.0 (8.6-9.9)	4.0-4.5 (9.9-11.1)

EasyCut rear mower conditioners

		EasyCut R 280 CV	EasyCut R 320 CV
Work width	Approx. mm	2,730 (9')	3,160 (10'4")
Transport height	Approx. mm	3,100 (10'2")	3,500 (11'6")
Upright transport position		124°	124°
No. of discs		4	5
No. of drums		2	2
SafeCut		Standard	Standard
Quick-change blades		Standard	Standard
CV steel tine conditioner rotor		Standard	Standard
Mechanical conditioner gearbox	600/900 rpm	Standard	Standard
Wide spreading deflector plates		Option	Option
Standard pto speed	rpm	540	540
Optional pto speed	rpm	1,000	1,000
Dead weight	Approx. kg (lbs)	1,120 (2,469)	1,260 (2,778)
Power requirement	Approx. kW/hp	51/70	59/80
Mechanical pressure control		Standard	Standard
Hydr. pressure control		Option (1 da spool)	Option (1 da spool)
No. of required spools		1 sa / 1 da	1 sa / 1 da
Link arm pins		Cat II	Cat II
Work rate	Approx. ha/h (acres/h)	3.0-3.5 (7.4-8.6)	3.5-4.0 (8.6-9.9)

Specifications, weights and dimensions given here do not necessarily comply with standard specifications and are therefore not binding.





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