



# EasyCut

B 970, B 1000 CV/CV Collect  
Mower combinations



# EasyCut Butterfly

Boosting your productivity



- EasyCut B 970 without conditioner
- EasyCut B 1000 CV with conditioner
- EasyCut 1000 CV Collect with cross conveyors
- Robust, yet lightweight design
- Quick-change blades
- SafeCut INSIDE: Individually protected discs
- Combi Float: Uniform pressure across the full work width (Agritechnica Silver Medal)
- Impact damage protection
- Telescoping mower arms
- Large work width, low transport height
- Maximum operator comfort





**EasyCut B:** The mower combination to boost your outputs. Proven best in fields around the world.

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# EasyCut cutterbar

## The cutting edge

- Wedge-shaped cutterbar for cleanest cuts
- Heavy-duty driveline with massive spur gears
- Quick-change blades
- SafeCut shear-bolt protection on each disc

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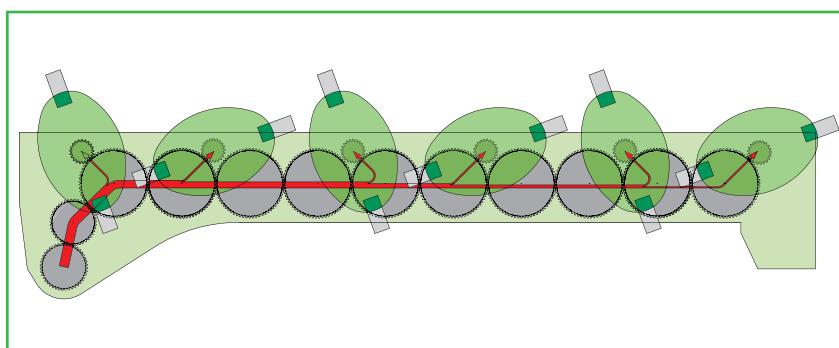


### Smooth powerflow down a heavy-duty driveline

Massive and heavy-duty spur gears with up to 66 teeth take off the pto power and transfer it to the discs. Each disc is driven by a smaller auxiliary spur gear to minimize the load on the driveline and ensure quiet running and increased longevity.

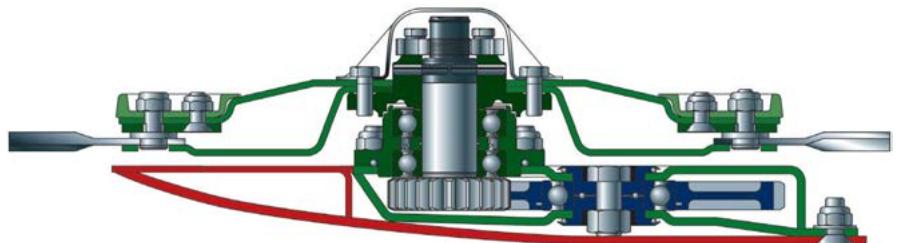
### Straightforward and effective

The spur gears that drive the discs are removed from above whereas the spur gears in the main gearbox are removed from the side.



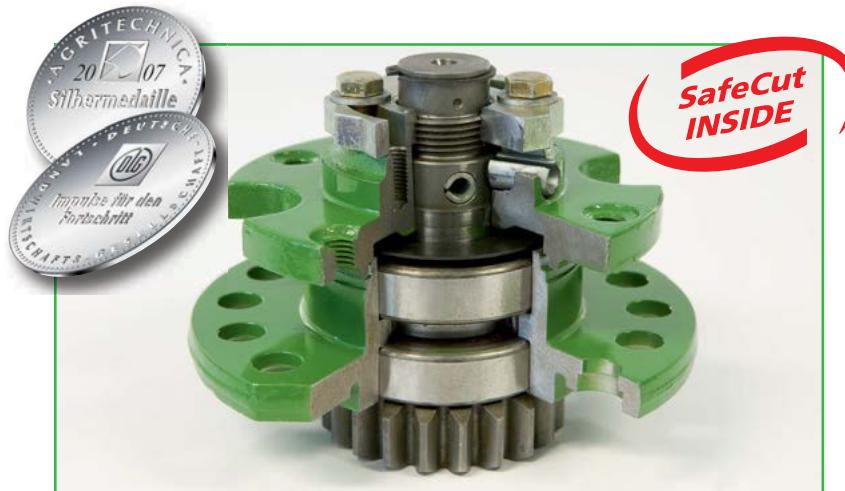
# EasyCut – the ultimate cutterbar

The wedge-shaped KRONE cutterbars deliver perfect results. Their high-quality build and massive disc bearings make the welded and maintenance-free units absolutely dependable in any condition.



## Quick-change blades

The blades are changed or replaced on the site and within seconds. The bolted pins and wear parts on the blade assemblies are replaced individually.



## Excellent cuts

The blades overlap generously to produce an excellent cut while the cutterbar is protected by large skids and rounded stops between the skids.



## Trouble-free functionality

The cutterbar is powered via a right-angle gearbox, which is arranged immediately behind the inner top hat.

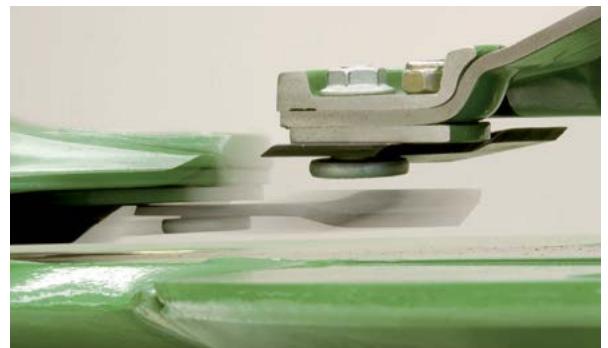


## Excellent impact protection

Offering a maximum of protection, the KRONE SafeCut uses roll pins in the driveshaft with sprocket wheel. This pin breaks when there is a momentary overload, thereby protecting the spur gear from damage. The bearing is tensioned by a nut and two clamping screws so that there is no load on the roll pin during operation to ensure it does not require a higher tripping force over time.

## A unique system

The roll pin breaks and within split seconds the disc jacks 15 mm (0.6") up on the shaft threading, which instantly stops the disc and eliminates any risk of colliding and damaging the neighbouring disc.





# EasyCut B 970

Perfect in every detail

- Compact headstock maximizes operator comfort
- Impact damage protection for peace of mind
- Balancing arm for uniform ground pressure on both sides
- Optimum overlaps from telescoping arms



## Standard impact damage protection

Safety is another important area of excellence. For example, EasyCut 970 pivots through a 1.60 m (5'3") arc. Once the system triggers, the complete mower swings back and up and away from the obstacle. Once the obstacle is passed, the unit returns automatically into its working position.



## Optimum protection

These mowers use a coil spring to set the tripping force of the impact protection system, which trips instantly when the unit meets an obstacle.



# Mowers of finest engineering

Committed to enhancing efficiency in any respect, KRONE delivers this robust combination that offers advanced technology and works at widths of up to 9.70 metres (31'10"). Each deck not only offers light pulling and high output but also superior functionality and perfect cuts.



## The central gearbox

Mounted centrally on the rear unit, the main gearbox sends the tractor power down the straight drivelines, which feature integral overload protection, clutches and overrunning clutches to protect the mower and tractor. Required pto speed is 1,000 rpm.

## DuoGrip center-of-gravity suspension

The robust headstock offers a compact and uncluttered design. The decks do not suspend centrally but in their center of gravity and receive extra guidance from lateral arms. The DuoGrip center-of-gravity suspension system maintains a uniform ground pressure across the entire work width, easy pulling, great ground contour hugging as well as a large pivot range.



## Maintaining the ground pressure

The suspension arms ensure both wings operate at identical pressures in undulating terrain, which is evidenced by the uniform cut. The spring pressure is set on a turnbuckle.

# Adjust the overlap...

... and forget about stripes

- Adjust overlaps without tools
- Generous overlaps in bends and on slopes
- No fiddling with transport height
- Up to 9,700 mm (31'10") working width

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## No losses

The arms on the side mowers telescope to provide the best possible overlapping with the front mower. The combination produces perfect cuts without striping.



# A perfect system

EasyCut B 970 operators can change the space between the two side mowers to adjust it to current requirements and produce cuts without striping on slopes and in bends. The standard telescoping arms adjust the wings to overlap up to 44 cm (1'5") with the 3.14 m (10'4") front mower. Equipped this way, you produce cleanest, loss-free cuts in the most difficult terrain whereas you operate the machine at its full span in large fields and in flat terrain.



## As easy as it gets

Set the overlap on a pin on each mower arm. The setting does not affect the unit's transport height.

### Telescoping

Combined, the wings and the 3.14 m (10'4") EasyCut B 970 front mower offer three different settings to provide the required overlap

Position I : 29 cm (11.4") overlap, 9.70 m (31'10") working width  
Position II : 36.5 cm (1'2") overlap, 9.55 m (31'4") working width  
Position III : 44.0 cm (1'5") overlap, 9.40 m (30'10") working width





## Easy handling

It's practical and convenient

- Operator box for maximum comfort
- Operate the side mowers in synch or individually
- Nice and compact – 4.00 m (13'2") transport height at 25 cm (9.8") ground clearance 2.95 m (9'8") transport height



### Everything is possible

Raise both mowers simultaneously as you approach the headland or individually to finish up wedges or awkward areas.



# Boosting efficiency

KRONE mower combinations offer professional farmers and contractors the specification and operator comfort they deserve: A large work width, an enormous efficiency and compact build, as well as a low tractor input, ease of operation and excellent handling are parameters that set new standards in this category.



## Easy operation

The control unit is easy to use. The operator selects transport position, headland and work position on the rocker switches. He also controls each mower separately from here.

## Secure locking

These latches secure the EasyCut B 970 wings in transport position. This system gives peace of mind when travelling at speed between fields.



## Dependable

The single-acting double rams do not hesitate to lift out the two lateral units. The short-length rams move the mowers to headland position; the longer rams move it to transport position.



## Nice and compact

EasyCut B 970 is modest with respect to the storage space it requires. Folded and parked on strong stands, it measures about 4.00 m (13'2") in height and 2.95 m (9'8") in width. And despite its generous 25 cm (9.8") ground clearance its transport height does not exceed 4 metres (13'2").

# The front mower

Compact in perfect suspension

- 3.14 m (10'4") working width
- Easy attachment/removal
- Ground hugging pivoting headstock
- Suspended in its center of gravity for uniform pressure

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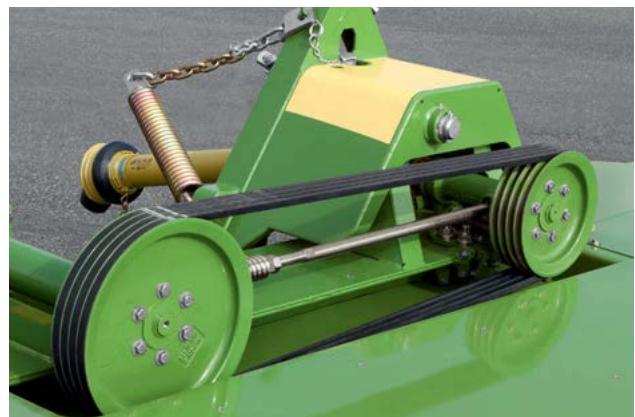


## Perfect cuts, smooth running

The front mower features the same massive spur gears inside the main gearbox that are used on the rear decks to provide smooth running and maximum efficiency. The cutterbar driven top hats guide the flow of crop, placing it in a fluffy windrow, which is not run on by the tractor wheels.

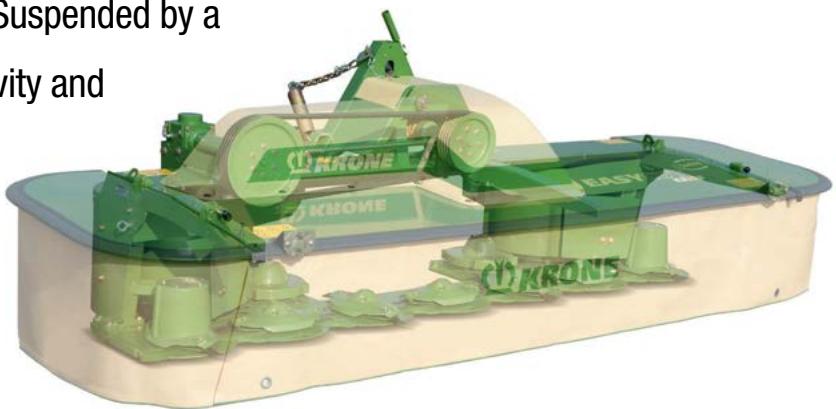
## Elastic driveline

The drive power flows via four belts that are tensioned automatically and through the top hat to the cutterbar. The overrunning clutch inside the driveshaft is standard specification.



# Quality forage is a question of cut

The front-mounted mower on the EasyCut B 970 combination stands out for easy handling, straightforward design and superior functionality. The pushed design is compact in size and low in weight. Suspended by a pivoting headstock in its center of gravity and close to the tractor's front wheels, the unit benefits from very little travel to produce perfect cuts and uncontaminated forage.



## 1. Center-of-gravity suspension

The mower suspends in its center of gravity to maintain a uniform ground pressure across the entire working width. The result is a uniform cut and an undamaged turf.

## 2. Adjustable ground pressure

Adjusting the deck pressure is easy by setting pins and chains that alter the spring tension. You can also opt for a telescoping arm, which enhances ground contour following in direction of travel.

## 3. Pivoting headstock

The headstock moves approx. 40 cm (1'4") to either side for easy floating over any terrain. Springs and a damper level the mower as it lifts out of work.



# EasyCut B 1000 CV

Redefining acreage

- Up to 10.10 m (33'2") work width
- CV conditioner with steel tines
- Hydraulic balance control maintaining the ground pressure
- Impact damage protection

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## Carefully designed

The standard impact damage protection system on EasyCut B 1000 CV gives you peace of mind as you cut along borders, fences and hedges and when the machine hits an obstacle. When a wing deck hits an obstacle it swings approx. 1.50 m (4'11") to the rear. Once the obstacle is passed, the unit returns automatically into its working position.

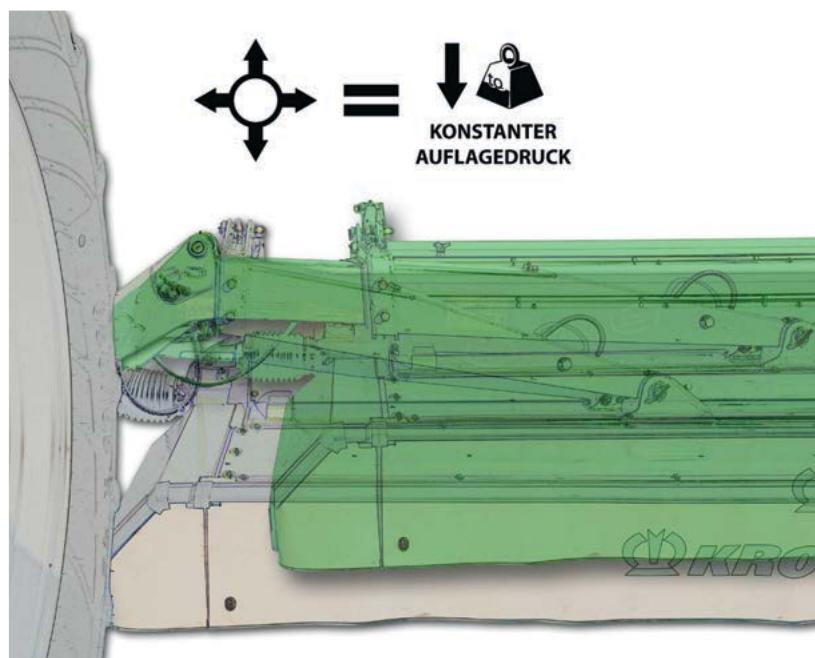
## Adjustable

The KRONE impact protection system responds instantly and dependably. Its tripping force is set steplessly on the coil springs.



# Combi Float – the intelligent solution

EasyCut B 1000 CV not only stands out for its huge 10.10 m (33'2") work width and its CV conditioner with mechanical gearbox but also for Combi Float, the automatic and hydro-pneumatic float control system. A world first, the unique system compensates for the drawbacks of hydro-pneumatic control systems by integrating the tractor hydraulics.



## Combi Float is a unique system that offers plenty of benefits

- The automatic suspension control system maintains identical pressures on both wing mowers when they work in offset position and in undulating fields
- Easy adjustment of the mower suspension system from the tractor seat and on the move
- Lightweight, hardwearing, easy pulling and compact

### An integral system :

The compact headstock features integral rams, valve chest and accumulators to reduce its weight and hence the load on the tractor's hydraulics. It also features an easy-to-open cover for effective protection.

### Combi Float – only from KRONE

The speciality of the system is the fact that it uses extra spools and the circuit of the single-acting coupler with free return line to maintain the pressure inside the reservoirs of the hydro-pneumatic system. The advantage of this system is that it maintains a uniform suspension of both mowers in undulating terrain and when working at various work widths.



# Forget about stripes

Nothing is left behind

- Hydraulic overlap adjustment
- Large setting range of up to 40 cm (1'4") per side
- Clean cuts in bends and on slopes

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## Adjusting to the optimum

The mower arms on the EasyCut B 1000 CV side mowers extend and retract like telescopes. As you move both mowers out or in, you alter their overlap relative to the front mower and thus the total work width. When using

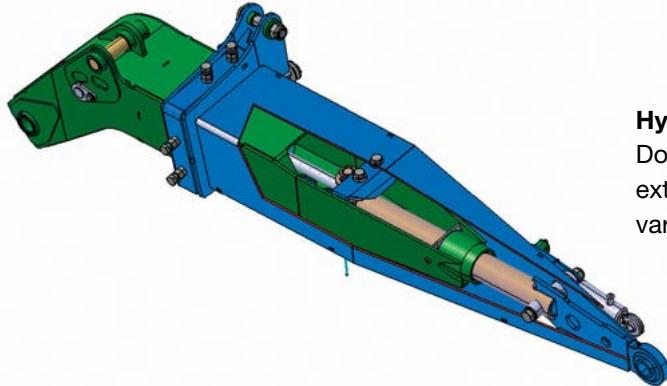
an EasyCut front mower of a 3.14 m (10'4") work width, you can set overlaps from 80 to 500 mm (3" to 1'8") on each wing. To avoid striping on slopes, shift the wings to the same side.



# Variable overlaps for full flexibility

A wide variety of conditions asks for the proper equipment to match.

The hydraulic sideshift feature on the mower wings is standard specification, which eliminates striping and maximizes your efficiency. Cutting straight lines, you operate at the maximum width and set overlapping to the absolute minimum, whereas you want wider overlaps and a narrow work width when you are cutting around bends. As you operate on the slope, simply retrieve a stored sideshift range to the right or left and avoid drifting and striping.



## Hydraulic control

Double-acting rams inside the mower arms extend and retract the arms on the move to vary the degree of overlap.



## Flexible

The wing decks shift up to 40 cm (1'4") to either side. Such a large range of shifting makes for cleanest cuts in difficult conditions.

# Built-in road stability

Excellent handling in all situations

- Excellent visibility from less than 3.0 m (9'10") transport width
- Safe road transport: 4.0 m (13'2") transport height at 20 cm (7.9") ground clearance
- Outstanding operator comfort  
Compact on the tractor, adjustable tractor-machine clearance
- Winter storage in transport position

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## Everything is possible

All three mowers lift and lower at the touch of a button when the tractor approaches the headland. You can operate the front linkage from the valve chest on the rear combination. Cutting wedges or awkward plots is easy as you use one or two mowers. The machine is

not running on cut material. EasyCut B 1000 CV not only delivers an exceptional performance in large fields but also in smaller plots, producing clean cuts and well conditioned forage.



# Gigantic in the field Compact on the road

As they fold into transport position the side mowers automatically retract to not exceed a 4 m (13'2") transport height. An automatic transport locking system provides for safe road travel and is activated as you slide in the rear mowers.



## Compact storage

Store the side mowers on their sturdy stands in upright position and save space for more equipment in your shed.

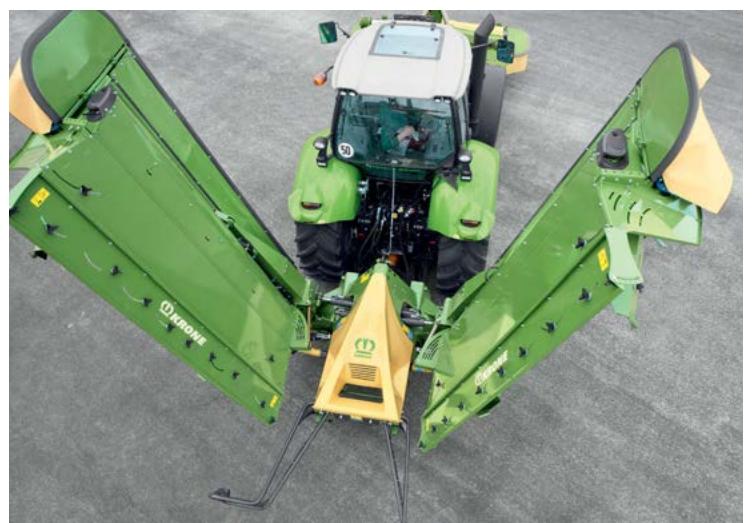
## Automatic folding

For a reduced transport height the end guards on each mower fold up automatically as the machine folds up.



## Innovative steering

The wings are raised by compact double rams, which make machine operation easier for the operator. The single-acting rams lift the mowers to headland position; the double-acting rams fold them into transport position.



# CV conditioner

V-shaped steel tines for higher intensity

- V-shaped steel tines at steep angles give strong and perfect conditioning
- The driveline without belts – frictional and low-maintenance
- Operator convenience from mechanical conditioner gearbox
- Adjustable baffle plates for enhanced conditioning



## Full-width cover

The V-shaped steel tines on each mower span 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. Guide plates are available for wide spreading and even faster conditioning.

## It's intensive

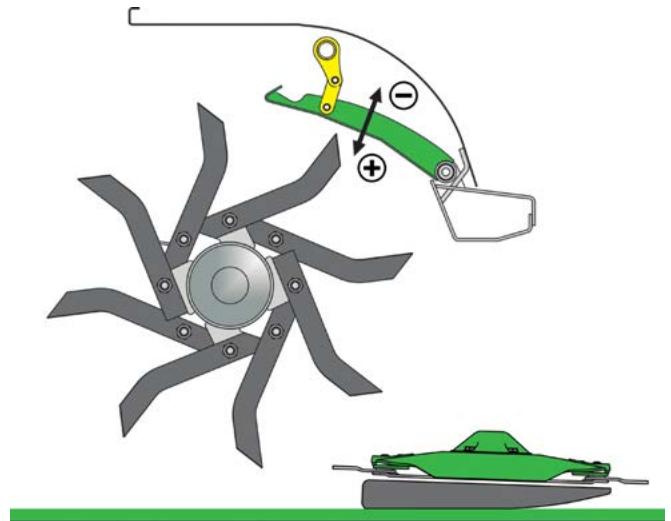
The CV conditioners that are used on the EasyCut B 1000 CV mowers have standard baffle plates. These support the tines and increase the degree of conditioning.



# Short-cut to top quality

Efficiency is one parameter in hay and forage harvesting, quality is another.

The high-performance and 650 mm (2'2") diameter KRONE CV conditioner with V-shaped steel tines spreads the crop at the full working width. Its massive rotor diameter and the helical arrangement of the tines warrant a continuous crop flow, high intakes 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 avoid foreign objects, yet their forward movement is restricted to increase the service life of the bolts.

## Stepless baffle plate adjustment

The tine-plate clearance is adjusted from a 7-notch system and presents another option to alter the degree of treatment. As you reduce the gap you increase the intensity of conditioning.

## The mechanical gearbox

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

## Adjustable windrow width

The optional deflectors adjust to spreading. Choose between narrow windrowing in wet and boggy terrain and spreading when rapid drying is the priority.



# EasyCut B 1000 CV Collect

## with cross conveyors

- The conveyors lift out of work separately or simultaneously – central and side delivery of crop and raking into a single row
- Wide cross conveyors ensure a continuous crop flow
- Variable-height accelerator rollers and variable belt speed for variable windrow widths
- Conditioner tray cuts out any loss

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### High workrates

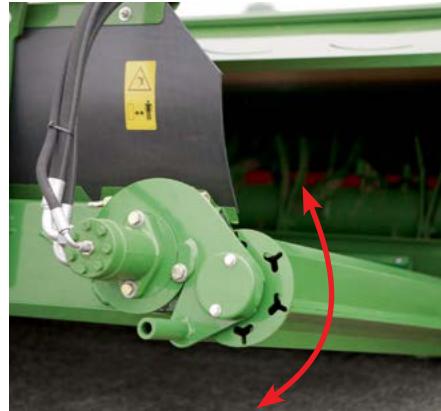
Nothing is left behind when the wide cross conveyors with riveted feed plates start moving.

### Adjustable windrow width

Set the belt speed and the height of the accelerator rollers to control the windrow width to suit the following harvester.

### Separate hydraulic system

The cross conveyor belts are driven by an on-board hydraulic system. An oil cooler protects the system from overheating.



# Three into one, two or three will go!

Specify the mowers with the KRONE Collect System and increase their versatility and benefit from their ability to produce wide spread windrows or single rows. The powerful belts handle even the heaviest crops most effectively.

## 1. Full-width conditioning

Raise the belts and spread the material across the full working width.



## 2. The independent windrowing

Operate only one belt to clear a pass along the border. Working up and down with only one belt in action, the three mowers form four windrows of a combined 13 m (42'8") width from a 19.40 m (63'8") work width – ideal for further wilting and windrowing in one single operation by the KRONE Swadro 2000 six-rotor center-delivery rake.



## 3. Cab based control

The cross conveyors lower and lift hydraulically either at the same time or independently. The conveyor is shut off automatically when the unit lifts out of work. The conditioner tray ensures no crop is lost.



# Front mower with CV conditioner

The specialist for quality forage

- 3,140 mm (10'4") working width
- Spring suspended headstock for easy attachment/removal
- Ground pressure is adjusted manually or hydraulically (option)
- V-shaped steel tines at steep angles for intensive conditioning
- Mechanical gearbox provides 2 conditioner speeds – 600 rpm and 900 rpm



## V-shaped tines at steep angles

The V-tines are made from hardened steel and are mounted at a steep angle for more intensive conditioning. The hardened tines are robust and swing back to avoid obstacles.



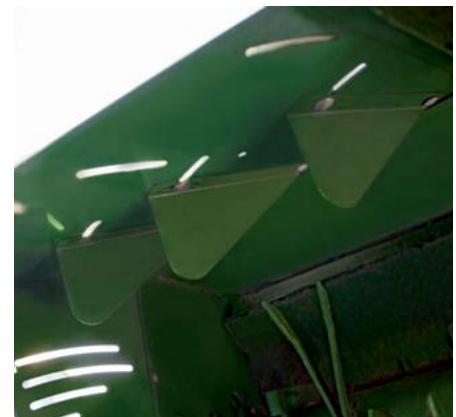
## Mechanical gearbox

The integral mechanical gearbox that drives the CV conditioner offers two speeds – 600 and 900 rpm. It takes a single movement to change the speed and condition the crop to your needs.



## Spreading across the full width

Additional guide plates are fitted for wide spreading and faster conditioning.



# Unique functionality and handling

The EasyCut B 1000 CV front mower is the specialist machine for harvesting farm-grown forage at a professional level. Featuring the CV conditioner and the Float System with headstock integrated suspension springs, the machine gives intensive and effective treatment as it floats over undulating ground. Attachment and removal is easy and an on-board hydraulic system allows the operator to lift and lower the mower from the control chest on the rear unit, which makes headland turns faster and more convenient to deal with.



## EasyCut Float

As ground contours vary it is not only the suspension travel that varies but also the leverage of the swing arms, which are chain linked to the tractor. The kinematics of the coil springs and the swing arms ensure the spring pressure is maintained at all times even when operating in undulating terrain.

## It's intensive

The lever adjusted baffle plate gives even more intensive conditioning. Reduce the gap between the tines and the baffle plate to increase conditioning.

## Hydraulic control

Setting the suspension spring is manual or hydraulic as an option. The hydraulic version offers faster and more convenient control as well as instant pressure changes on the move to produce high-quality and uncontaminated forage.



# Machine operation Tailored to your needs

Ease of operation is as essential as high output and high efficiency. EasyCut B 1000 CV and EasyCut B 1000 CV Collect can be operated from the CCI operator terminal and a joystick. The universal CCI terminal features a clear and easy-to-use touchscreen and is compatible with many ISOBUS implement makes. You can also use the tractor's separate ISOBUS terminal, if available.



## The CCI 100 terminal

The compact CCI 100 terminal controls suspension, overlap, sideshift and the cross conveyors. The job time is retrieved via the client count feature.



## The CCI 100 terminal with AUX

The extra joystick (AUX) brings key functions to your fingertip. Simply program specific functions to the joystick controls and operate them from here.



## ISOBUS tractor terminal

The tractor's ISOBUS terminal offers the additional plus of raising all decks automatically when the tractor goes into reverse. It also incorporates an area meter that clocks the area covered.

# Technical Data

## Mower combinations

		EasyCut B 970	EasyCut B 1000 CV	EasyCut B 1000 CV Collect
Work width	Approx. mm	9.400-9.700 (30'10" - 31'10")	9.300-10.100 (30'6" - 33'2")	9.300-10.100 (30'6" - 33'2")
Work width / rear-mounted mower	Approx. mm	3.575 (11'9")	3.575 (11'9")	3.575 (11'9")
Total transport width	Approx. mm	2.950 (9'8")	2.950 (9'8")	2.950 (9'8")
Storage height	Approx. mm	4.100 (13'5")	4.200 (13'9")	4.200 (13'9")
Transport height	Approx. mm	4.000 (13'2")	4.000 (13'2")	4.000 (13'2")
No. of discs*		12 (8)	12	12
No. of top hats*		4 (8)	4	4
Quick-change blades		Standard	Standard	Standard
Safe Cut		Standard	Standard	Standard
V-shaped steel tine conditioner		–	Standard	Standard
Rotor diameter	Approx. mm	–	655 (2'2")	655 (2'2")
Conditioner speed	rpm	–	600/900	600/900
Cross conveyor belts		–	–	Serie
PTO speed	rpm	1.000	1.000	1.000
Hydraulic couplers		2 sa	1 sa line, 1 free return line**	1 sa line, 1 free return line**
Compatible with loadsensing systems		–	Standard	Standard
Dead weight*	Approx. kg (lbs)	1.980 (4,365)	3.400 (7,496)	3.880 (8,554)
Min. power requirement	kW / hp	95/130	130/180	145/200
Area output (approx. minimum)	ha/h (acres/h)	10-14 (25-35)	10-14 (25-35)	10-14 (25-35)

\*without front mower

\*\*Load-Sensing as alternative

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

# KRONE Internet



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## News

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## Products

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



## Sales organisation

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



## Jobs

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



## Media center

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



## Events

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



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## Download Center

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



## Used Machinery

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



## Parts

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



## KRONE shop

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

## Your KRONE dealer

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