

EXTRA 100-200-300-400



Mounted Plain Disc Mowers



Built on Customer-Focused Thinking

Refined and Proven Over Time

Over the years Vicon has acquired extensive experience and expertise in the manufacturing of high quality products aimed at the farming industry. As a result of the continuous product innovation, Vicon is able to deliver a wide range of products designed for excellence in performance and endurance, helping farmers worldwide to achieve their goals.

Built on Customer-Focused Thinking

Our aim is to continuously improve our ability to be responsive to customer requirements as they evolve over time. Across our business, our goal is to help our customers succeed, which is why Vicon has a global support network standing by, delivering full support whenever needed.





Vicon

Dedicated to Quality - Specialist In Forage Equipment



Experience, Competence and Quality

These are key statements in the production of machines at the Kverneland Group forage equipment competence center in Kerteminde, Denmark and with a history of implement production dating back to 1877, the wealth of technical know-how gathered through research and development since then, is applied to find the optimum solution to our customers needs.

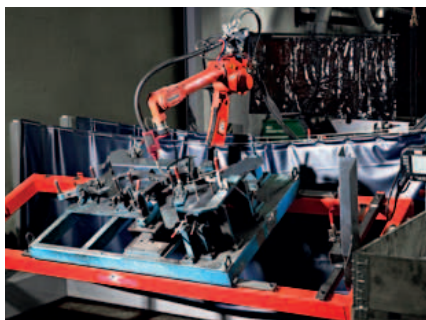
In-house Production

When it comes to cutterbars, the heart of every mower, consistent, uniform quality and reliability is essential, which is why all cutterbars, have been produced and assembled internally at the Kerteminde factory since 1992, giving us full control of every step of the process. A number of quality control procedures have been introduced into the operation, ensuring best possible control of all components.

The accurate, organized and detailed data accumulated via daily testing and process quality checks, is an invaluable tool that gives us a path to follow, in eliminating possible problems in the process, heading off potential problems and troubleshooting product quality issues.



The in-house cutterbar production has a yearly capacity of several thousand cutterbars.



Welding robots ensure consistent quality.



All cutterbars are testrun and checked for noise and heat level.

Facts - Kverneland Group Kerteminde

- Headquarters for the Kverneland Group Grass Division
- Founded 1877
- 50.000 m² roofed facilities
- Competence centre in Gottmadingen, Germany, responsible for product development of rakes, tedders and loader wagons



Optimised Cutterbar Setup

In order to meet the exact requirements of our customers, state-of-the-art production techniques are employed, including a recently implemented cutterbar production setup. A cutterbar is essentially a high speed gear transmission where accuracy is a key factor, which is why all cutterbars are processed in a CNC milling machine to ensure correct tolerance before final assembly. Every cutterbar is subjected to

thorough testing and a unique test report is stored for every single cutterbar, providing easy access to a complete history if needed. Our cutterbars are built for hard work, with design features such as fully welded C-profiles eliminating oil leaks and unique rounded gear wheels providing powerful transmission at a low noise level, all features guaranteeing optimum quality and durability.



Every cutterbar is given a unique number, making it easily identifiable for future reference.



Several high capacity laser cutters support the extensive production.

'Express' Quick Change of Knives

All disc mowers in the EXTRA range can be fitted with the 'Express' system for quick and easy changing of knives.

Simply place the lever around the bolt, release the spring by turning the lever, and the knife is ready to be replaced by a new one.



Cutting Performance in New Dimensions

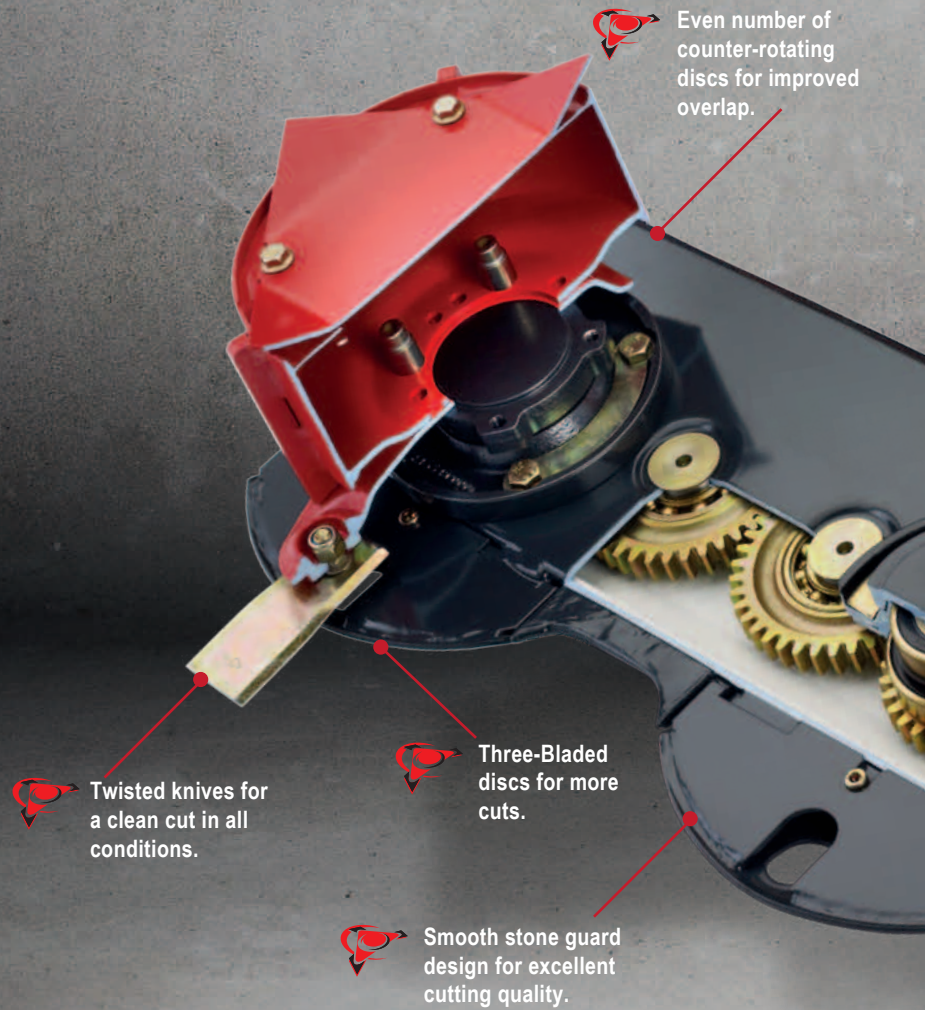


Low Noise Cutterbar

The newly developed EXTRA cutterbar is designed for low maintenance and offers a very quiet operation. Operators will immediately love the virtually quiet operation of the new cutterbar – convenient during a long and busy working day. The long curved gear wheels run smoothly in oil and provide lots of power transmission with little slack.

Heavy Duty Cutterbar

The EXTRA cutterbar has a high oil capacity, which ensures a very low working temperature. This guarantees an efficient oil cooling and lubrication of the whole cutterbar. The fully welded cutterbar with overlapping C-profiles makes for a very stiff and strong design, ensuring very high level of durability.



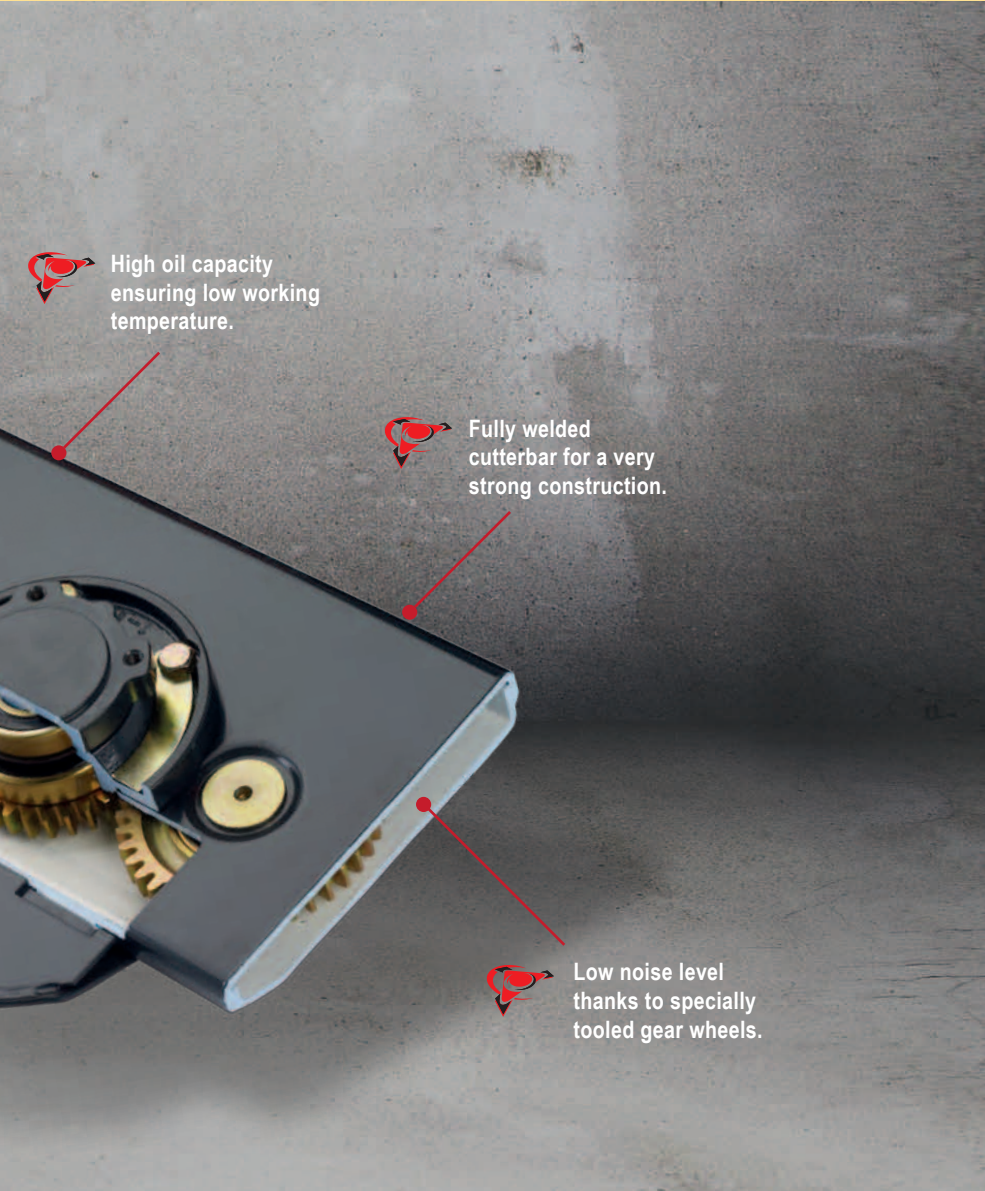
Easy access to the cutterbar.



To protect the gear wheels and the drive system, Vicon uses a one-key safety device, designed to break in case of overload.



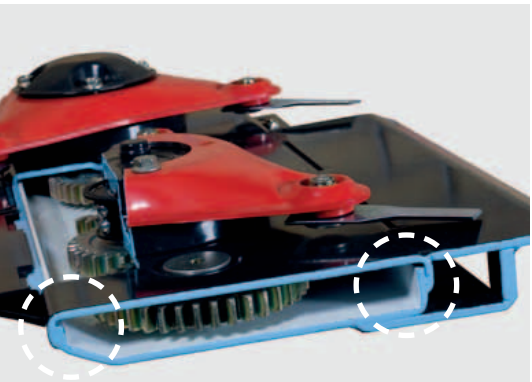
Each individual disc bearing housing can be removed very quickly for easy maintenance and bearing replacement.



High oil capacity ensuring low working temperature.

Fully welded cutterbar for a very strong construction.

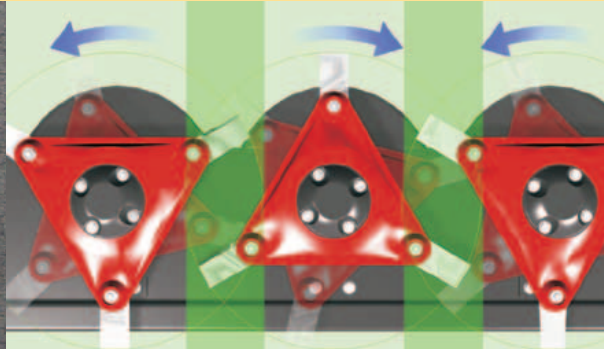
Low noise level thanks to specially tooled gear wheels.



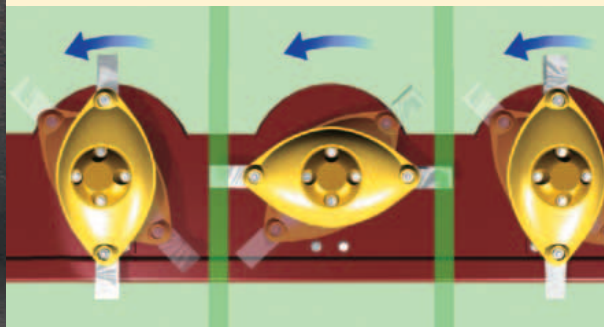
Fully welded cutterbar with overlapping C-profiles for a very strong and stiff construction.



Low noise level thanks to specially tooled gear wheels with round design and long teeth for efficient power transmission.



Vicon's counter-rotating three bladed discs provide a wider overlap on each disc compared to solutions with uneven number of discs.



Counter-Rotating Three-Bladed Discs

Three-Bladed Discs for More Cuts

With three blades per disc Vicon EXTRA mowers are constantly cutting. This means a third less load per blade and an even load on the drive and smoother power usage in addition to producing a neat, cleanly cut stubble. Each steel blade is precisely angled to immediately convey the cut crop upwards with a combination of mechanical action and air flow.

Counter-Rotating Cutting Discs for Improved Overlap

All Vicon mowers have an even number of counter-rotating discs. Apart from the immediate crop transport to the rear this system ensures that even in wet conditions no stripes of uncut forage are left in the field.

NonStop BreakBack - Keeping Cutterbars Running

Protection of the Cutterbar

Vicon EXTRA 200, 300 and 400H models are all fitted with the Vicon NonStop BreakBack system to protect the cutterbar. The integrated NonStop BreakBack system will protect the cutterbar from foreign obstacles.

If an obstacle is hit in the field the mowing unit will swing backwards and up. This gives maximum protection of the cutterbar.

Effortless Protection

There is no need to stop - or even to reverse the tractor to get the mowing unit into working position again. When engaged the spring loaded design ensures that the Vicon NonStop BreakBack system automatically returns the cutting unit to its original working position.



No Need to Stop - No Time Lost!



If hitting an obstacle the NonStop BreakBack system will be activated and swing the machine backwards...



...and over the obstacle and then return it to the original working position.



No need to stop - no time lost.

EXTRAΔ 390-395

Output and Energy Consumption in Perfect Combination



Efficient Performance Paired with Low Weight - Mow 8.70m with Only 140hp

The EXTRAΔ 390 and 395 plain disc mower from Vicon, is a combination that provides efficient performance with the 8.70m and 9.50m working width paired with a low weight design.

The EXTRAΔ 390 and 395 are an eco-friendly, energy saving solution purposely built for low operating costs in terms of power and

fuel consumption, with power requirements starting at only 120 hp. The low weight of only 1360 and 1500kg respectively, together with the ideal weight distribution that butterfly combinations offer, gives the optimum combination of low power requirements, low weight and high efficiency.

Designed to match the needs of large-scale mowing, the EXTRAΔ 390 and 395 are packed with features to meet these demands.

The centre suspended mowing units in combination with the three-bladed discs offer an unmatched mowing performance. The Vicon NonStop BreakBack solution protects the cutterbar from foreign obstacles, and automatically returns the mowing unit to working position. The EXTRAΔ cutterbar offers smooth operation with very low noise level, convenient during a long working day.

EXTRA 390-395 in Short:

- 8.70-9.50m Working Width.
- NonStop BreakBack.

- Centre suspended mowing units.
- Strong and stable parking device.
- Two mounting options.
- Vertical Transport Position.
- Fully welded EXTRA cutterbar with triangular discs.



Parking, Safe and Sure-Footed

With the new parking device, storage of the EXTRA 390-395 is made easy and convenient, requiring a minimum of space during winter storage.

The EXTRA 390-395 are firmly parked on strong and stable parking foot, bringing total height below 4m.

Excellent Ground Adaptation

EXTRA 390-395 is fitted with two adjustable ground pressure springs, making setting of the best possible ground pressure easily done, to match the needs of each specific mowing operation.

Headland Turns

When turning on headlands the hydraulic cylinder, which is also used when going into transport position, ensures ample clearance to the swath, so they remain undamaged.



Excellent Ground Adaptation.

EXTRAΔ 390-395

A Full-Feature Machine



Two Mounting Options

EXTRAΔ 390-395 can be adjusted for optimal operation according to different circumstances, such as field contours or working width of the front mounted mower. To ensure optimal overlap between front and rear units, the mowing units can be mounted in two positions on the suspension arm. This also gives you an option of wider overlap in hilly conditions, lessening the need for SideShift equipment.

Vertical Transport Position

For transport the mower folds into a compact position well behind the tractor. The folding design ensures that the weight is distributed evenly, with the weight of the mower close to the tractor. Endguards are foldable to further limiting transport height, which is below 4.0m and transport width is limited to 3.0m.

Centre Suspension

The mowing units are centre suspended offering an even weight distribution across the complete mower width. Faster and more precise adaptation to ground contours is also achieved due to the centre suspended design. The benefit is less skid wear and optimum protection of the stubble.



Two mounting options.



NonStop BreakBack System.



Centre Suspension.

NonStop BreakBack System

The Vicon NonStop BreakBack system protects the cutterbar from foreign obstacles. When encountering an obstacle the NonStop BreakBack will swing the machine backwards and over the obstacle, returning to its' original working position once the obstacle is passed.



Vertical Transport Position.



Headland turns.

EXTRAΔ 328-332-336-340

At the Centre of Control



EXTRAΔ 336 – 3.5m working width.

Extensive Working Width – Low Weight

Vicon EXTRAΔ 300 rear mounted range boasts an extensive working range of 2.8-4.0m, with corresponding weights ranging from 810-940kg, which means the machines can be operated with tractors starting from only 50 hp, making these very attractive machines for farmers with smaller tractors, who still needs to cut substantial areas. Paired with the EXTRAΔ 328F or 332F front mounted machine the joint working width is up to an amazing 6.8m.

Centre Pivot Suspension

The EXTRAΔ 300 series is centre suspended to give an even weight distribution across the complete mower width. Faster and more precise adaptation to ground contours is also achieved because of the centre suspended design. The benefit is less skid wear and optimum protection of the stubble.

Clean Cutting Performance

The latest generation of the EXTRAΔ cutterbar is fitted to these machines, offering unmatched cutting performance thanks to the triangular three-bladed discs.

The large compensating spring in combination with the centre mounted design provides perfect flotation of the complete cutterbar.

EXTRA 328-332-336-340 in Short:

- Working Widths: 2.8-3.2-3.5 and 4.0m
- NonStop BreakBack
- Up to 125° Vertical Transport Solution

- Hydraulic setting of ground pressure.
- Centre Suspension
- 540/1000 Rpm Gearbox
- Fully welded EXTRA cutterbar with triangular discs.



Work Smarter on the Go

This feature provides easy and simple setting of ground pressure on the EXTRA 300 series. For greater operator comfort, ground pressure of the large suspension spring is set hydraulically from the tractor cab. Easy to adjust, even on the go.

It is in fact a very simple and clever solution to an important challenge in optimizing the mowing job. On the hydraulic version the tension on the large

suspension spring, which controls the ground pressure, is adjusted hydraulically, to increase or lower pressure. The chosen ground pressure level is conveniently registered from the easy-to-read scale.

Accurate setting of ground pressure adds to significantly better working result and reduction of fuel consumption, as a mower with correct ground pressure is easier to pull, requiring less power and fuel.



The large compensating spring ensures excellent flotation across the full mower width.



The centre suspended design enables fast and precise adaptation to ground contours.

EXTRA Δ 328-332-336-340

Engineered Simplicity



Lifting on headlands via hydraulic cylinder – ample ground clearance.



When encountering an obstacle the NonStop BreakBack system protects the cutterbar by swinging it back and up.



These machines can be operated with either 540 or 1000 rpm without additional accessory.



Up to 125° vertical transport position for excellent weight distribution.

Vertical Transport Position

These EXTRA machines are folded hydraulically into a vertical transport position up to 125° depending on model. The low gravity point ensures excellent weight distribution, with the weight of the mower close to the tractor.

NonStop BreakBack system

To offer maximum protection of the cutterbar, EXTRA 328-332-336-340 are fitted with the Vicon NonStop BreakBack solution. When encountering an obstacle the NonStop BreakBack will swing the machine backwards and over the obstacle, returning to its original working position, once the obstacle is passed.

Adjustable PTO Speed

Vicon EXTRA 328-332-336-340 come factory fitted with the option of being operated with either 540 or 1000 rpm. It requires no additional accessory. All that is needed is simply to turn the main gearbox on the suspension 180°.

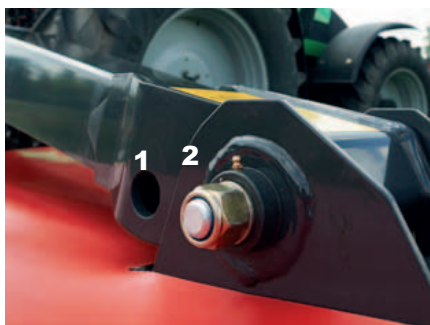
Adjustable For Any Tractor

The linkage pins on EXTRA 300 rear mounted series can be adjusted for four different positions, ensuring compatibility with any tractor. Another advantage is that the overlap in combination with a front mounted machine like EXTRA 328F or 332F can be optimized, to ensure that the complete working width on both machines is utilized.

Furthermore the mowing unit can be mounted in two different positions on the suspension for easy setting of optimal overlap.

Lift on Headlands

Lifting on headlands is easily done without activating the 3-point linkage of the tractor. A hydraulic cylinder is used for lifting on headlands and turning is simple thanks to sufficient ground clearance. The same cylinder is used when going into transport position



Two mounting options for optimal overlap with a front mounted machine.

EXTRAΔ 328F-332F

Less Weight, More Go



Built for Any Terrain

Outstanding ground following ability, easy operation and low weight are among the highlights of this machine. The new 328F-332F is characterized by excellent cutting performance and ground following ability in all terrain. Eight counter-rotating discs ensure that cutting quality remains outstanding, encouraging rapid regrowth from clean stubbles.

This is the perfect machine for daily grazing in combination with a loader wagon, joined up with a trailed or rear mounted machine, or as part of a butterfly combination.

With a working width of 2.8-3.2m and an operating weight of only 670-710kg, the EXTRAΔ 328F-332F requires as little as 45 hp to operate. Run in a combination with a 4.0m on the rear, would give you a mowing combination capable of effortlessly handling up to 6.8m crop.

Responsive Mowing

The very responsive kinematics associated with the headstock design will step in when encountering even the smallest obstacles during operation.

To offer maximum protection and lessen the shock loads on the complete machine, the cutterbar will move backwards and up, letting any obstacle pass without risk of damage.

EXTRA 328F-332F in Short:

- 2.8-3.2m working width.
- BreakAway Solution.
- Flexible Swath Width.
- 750/1000 rpm Gearbox.
- Excellent Ground Adaptation.
- Fully welded EXTRA cutterbar with triangular discs.



Good view of the machine from the tractor cabin.



Easy access to the cutterbar with foldable front and side guards.



The machine is standard equipped with two swath discs, allowing a swath width of 2.2-2.4 m.

Excellent Serviceability

EXTRA 328F-332F has outstanding service access to the cutterbar, which is an advantage compared to most other machines with a flexible suspension. Even when the machine is raised, you can open the entire front cover.

Two-Speed Driveline

Standard PTO speed is 1000 rpm. However by simply switching driveline pulleys, 750 rpm for reduced fuel consumption can be achieved. This makes it possible to maintain the correct PTO speed, but using reduced engine revs, creating an opportunity for lower fuel consumption. An innovative solution solving the problem of front PTO systems not offering an economy speed.



By switching driveline pulleys changing from standard PTO speed of 1000 rpm to 750 rpm is possible.

EXTRAΔ 332XF

Swathing, Reinvented!



The unique and patented actively driven swathing auger system offers the possibility of 3 different swath widths of 1.00, 1.15 and 1.30m. In addition to this wide spreading up to 2.20m is also possible.



EXTRAΔ 332XF is the perfect match for a loader wagon.



Two speed driveline is standard on EXTRAΔ 332XF. Standard speed is 1000 rpm. By switching driveline pulleys 750 rpm, for reduced fuel consumption, is possible.

EXTRA 332XF in Short:

- Patented actively driven swath former.
- 3 different swath widths (1.00, 1.15 and 1.30m).
- Easy and intuitive setting of swath widths.
- Low weight – low power consumption.
- Two speed gearbox 750/1000 rpm.
- Excellent ground adaptation range.



EXTRA 332XF Covers it All

This is the first front disc mower with an actively driven swath former, designed for both narrow swathing and wide spreading. Changing between different swath widths is intuitively done in very little time – no tools required! Simply release the locks on each swath board and swipe them to the requested swath width. For widespreading the boards are released and positioned on top of the mower. With the option of 3 different swath widths (1.00, 1.15 and 1.30m) and wide spreading up to 2.20m, this machine offers exactly the flexibility that most farmers are looking for. Narrow swaths that will go well in-between the tractor wheels, or wide spreading for fast wilting of crop.

A Machine for Any Application

EXTRA 332XF will work well in a number of different settings. In combination with rear mounted mowers, as a single machine, or joined up with a loader wagon. With widths as narrow as 1.00m, the swaths will pass between the wheels of even smaller tractors, leaving an untouched swath that is picked up easily by the loader wagon.

The adjustable swath width allows you to set the correct width in accordance with crop and weather conditions. As the crop is drying during a long day of mowing, the swath width can be adjusted from being narrow at the start of the day to being wider during the day, to ensure correct and even moisture level in the crop.

Preparing a Clean and Airy Swath

The actively driven auger guides even high volumes of crop towards the centre of the mower, leaving a nice, box-shaped swath. Crop is immediately moved away from the discs, inviting for excellent cutting performance. Each side of the auger is working in combination with a guide plate that efficiently transports the crop to the middle, without any crop loss or contamination often seen from systems applying swath wheels. EXTRA 332XF does not just move two swaths next to each other like traditional drum mowers, but places the crop into one even and airy swath, significantly speeding up the drying process.

Excellent Adaptation Range

Just like the well-proven EXTRA 332F, EXTRA 332XF shows an impressive adaptation range of 430mm upwards and 210mm downwards, ensuring excellent cutting quality in even very difficult circumstances.

Fuel Efficient Solution

EXTRA 332XF is driven from the top by a simple but efficient driveline. A small gearbox connected to the main gearbox drives the auger via a V-belt. This design combined with the auger design means that an additional power requirement of only 5hp is needed to run the auger. In total the auger, including driveline, adds approximately 150kg to the mower, leaving total weight as low as 855kg and a power requirement of only 60hp.



Actively driven swath former, producing even, box-shaped swaths.



Swath width is easily changed by simply unlocking the swath plates and sliding them to the requested position.



The auger is driven by a small gearbox with an additional power requirement of only 5hp.

EXTRAΔ 328F-332F-332XF

Outstanding Ground Adaptation



Remarkable Adaptation Range

The EXTRAΔ 300F and XF machines are exceptionally well adapted to varying field conditions and contours. At standard settings the cutterbar has a remarkable 430mm upwards and 210mm downwards adaptation range, in combination with transverse pivoting range of 17°. This wide spectrum allows the machine to follow the ground in all conditions without overloading the cutterbar.

Unrestricted Movement

There is no wearing on the front linkage of the tractor, as the integrated suspension design does not require a flexible front linkage - the relative movements are done by the machine itself. This also means that you are not restricted by the limited flexibility typically originating from the front linkage.

Easy Operation of the Machine

Correct setting of the machine is very user-friendly. The front linkage is set to a specified height and the mower unit is operated by a separate hydraulic cylinder integrated in the suspension. Ground pressure is provided by two springs and cutting quality is always excellent due to Vicon's three-bladed discs.



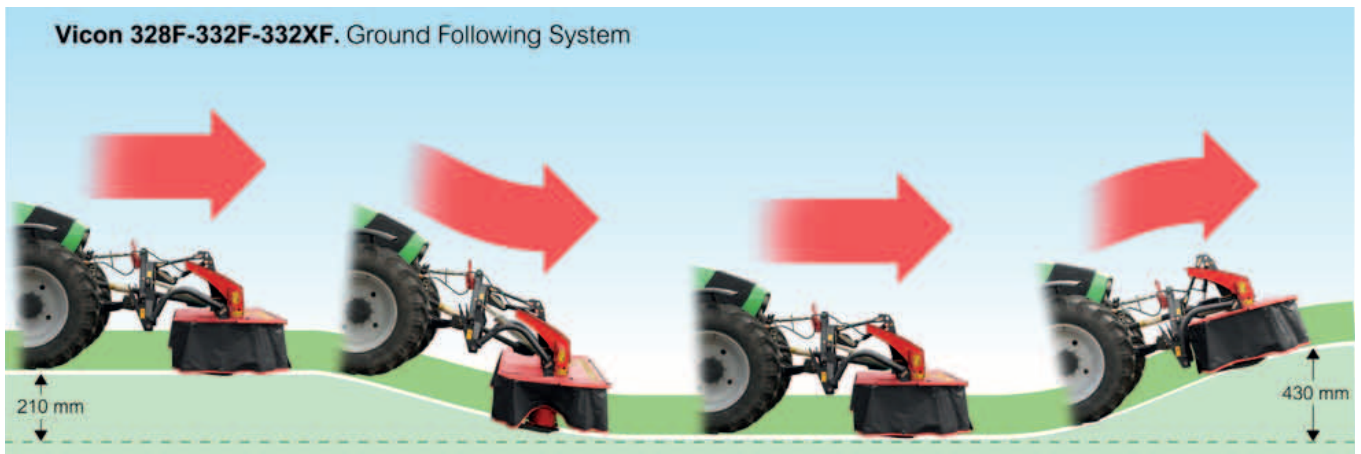
The mowing unit moves independently from the front linkage, ensuring the best possible pattern of movement and the transverse adaptation sets the standard in this segment.



Two springs provide excellent ground following ability.



A BreakBack solution, integrated in the headstock, helps clear obstacles.



An adaptation range of 430mm upwards and 210mm downwards ensures untroubled ground following.

EXTRA 432H-440H

Compact Design – High Output



The EXTRA 400H Range

Vicon offers a centre mounted plain disc mower with a hydraulically suspended design in three working widths of 3.2 and 4.0m. The EXTRA 400H models are fitted with the fully welded EXTRA cutterbar, with an even number of counter-rotating discs for a wider overlap, and excellent cutting results in all conditions. Special efforts have been made to make daily operation as easy, straightforward and effective as possible.

Obvious Advantages

The machines are suspended in the centre of gravity offering several advantages. The advantages include equal ground pressure and fast adaptation to varying field contours. These features facilitate a cleaner cut, better protection of the stubble and in addition an improved fuel economy, as well as less skid wear.



The machine can be operated at an upwards or downwards angle of 15°.

EXTRA 400H in Short:

- Hydraulic suspension for precise setting of ground pressure and superb adaptation.
- Centre suspension for even weight distribution, stable operation and quick reactions to changes in contours.
- Easy lift on headlands without activating the 3 pt linkage – sufficient clearing under the cutterbar.
- Integrated NonStop BreakBack system protecting the cutterbar.
- Excellent ground following on slopes - 15° upwards and downwards mowing operation range.



Hydraulic suspension ensures precise setting of ground pressure (EXTRA 440H).



Hydraulic setting of ground pressure (EXTRA 432H).



Centre mounted suspension for even weight distribution and fast adaptation to ground contours.



Any ground-unevenness are absorbed by the suspension.

EXTRΔ 432H-440H

Excellent Ground Adaptation!



Flexible Mowing on Slopes

The design of the suspension, with an extra pivoting point, allows greater flexibility in the working range, enabling mower operation at 15° upward or downward angles. This offers great advantages when working on hillsides or along ditches, and also makes it easier to manoeuvre the machine on headlands.

Superb Ground Adaptation

The hydraulic ground pressure is easily and quickly adjusted. The perfect ground pressure is set using a two-chamber

hydraulic cylinder and a hydraulic valve.

The current ground pressure is indicated on the manometer, which is mounted on the machine.

Hydraulic Suspension

The EXTRΔ 400H range is designed with a hydraulic suspension that offers improved ground adaptation. The ground pressure of the mowing unit is easily adjusted, to allow adaptation to varying field conditions, ensuring an even cutting height. The ground pressure is continuously and

quickly adaptable, by using the lever on the suspension.

The 4m Solution

The EXTRΔ 440H is truly a high performance mower with its 4.0m working width and 10 counter-rotating round discs. It combines the best of centre suspension from the EXTRΔ 400H series with a new hydraulic suspension to ensure more even flotation of the 4m wide mowing unit.

EXTRA 432H-440H

Safe Transport



Easy Lift on Headland

Lifting of EXTRA 400H is easily done via a hydraulic cylinder, which means there is no need to activate the tractor's 3pt linkage. As the PTO stays in the same position, vibrations in the transmission are eliminated, implying less wear on tractor and machine.

NonStop BreakBack System

The EXTRA 400H series is fitted with an automatic NonStop BreakBack system to protect the cutterbar. If an obstruction is hit in the field, the mowing section will swing backwards and up. This gives maximum protection of the cutterbar. There is no need to stop - or to reverse the tractor, to get the mowing unit into working position again - the cutting section will automatically return to its original working position.

Safe and Easy Transport

For transport the mower is swung hydraulically into horizontal position behind the tractor. Fast and easy conversion, with no need to leave the tractor. With the narrow and very low position, safe transport is ensured.

Excellent Power Transmission

EXTRA 400H is equipped with a direct drive system from the gearbox to the first disc. This ensures an efficient power transmission and allows you to take full advantage of the whole width of the cutterbar.



Headland cylinder.



NonStop BreakBack.



Direct drive from the gearbox to the first disc for efficient power transmission.

EXTRAΔ 228-232

Easily Operated and Durable Machines



Excellent Price to Output Ratio

The EXTRAΔ 200 models are lightweight, simple mowers with a compact but durable design, for maximum output at a competitive price. They are offered in working widths of 2.8m and 3.2m. Featuring the EXTRAΔ cutterbar with triangular discs, continuous and excellent cutting performance, especially in difficult crop conditions, is ensured.

Powerful Drive

The mowers are equipped with a powerful and flexible spring loaded V-belt drive. As the belt loosens, the spring pushes the drive wheel outwards, automatically tensioning the belt.



Four V-belts ensure excellent power transmission.

EXTRA 200 in Short:

- 2.80 - 3.20m working width
- Mowing on slopes +/- 35°
- NonStop BreakBack
- Spring loaded v-belt drive
- Easy setting of ground pressure



EXTRA 200 models are fitted with the NonStop BreakBack system, protecting the cutterbar when encountering obstacles.

Easy Operation

Adjustable suspension springs are easily set, to provide the ground pressure required. Once the machines have been set correctly, all operations can be done from inside the tractor. No use of the 3 pt linkage is needed when lifting on headlands or going into transport position.

Protection of the Cutterbar

An integrated NonStop BreakBack system will protect the cutterbar from foreign obstacles. If hitting an obstacle, the NonStop BreakBack system will swing the machine backwards and over the obstacle and then return it to the original working position.

An optional solution for mountainous areas is available.



Easily adjustable suspension springs.



Adjustable linkage pins.



Optional equipment for very hilly conditions.

EXTRA 228-232

Flexible Mowing Options



Transport Solution

When in transport, the mowers are folded hydraulically to a vertical position well behind the tractor. The centre of gravity is close to the tractor, which ensures excellent weight distribution and transport stability. Easy and safe!

Flexible Suspension

Vicon EXTRA 200 models offer a very flexible suspension, providing perfect ground contour following. Due to the very flexible suspension, the mowers are exceptionally well qualified for work on slopes and in hilly conditions, with an operating angle of 35° up and down.

Optional Equipment

The EXTRA 200 series offers a range of optional equipment including swath discs or swath boards, to help separate the mown crop from the unmown, as well as high skirts which are useful in stony or soft ground conditions.



Safe and narrow transport solution.



The design allows mowing at extreme angles.



Swath roller is optional equipment.



Lifting on headlands via a hydraulic cylinder.



Easy access to the cutterbar.

EXTRA 117-122-124

Effective and Reliable Performance



The new EXTRA 100 series is based upon the newly developed EXTRA cutterbar, which is designed for low maintenance and quiet operation. The fully welded cutterbar with overlapping C-profiles makes for a very stiff and strong construction, ensuring a very high level of durability.

The EXTRA cutterbar has a high oil capacity, ensuring a very low working temperature and

the long curved gear wheels run smoothly in oil and provide lots of power transmission with little slack.

Spring Loaded BreakBack

If encountering an obstacle, the mower will swing backwards to protect the cutterbar. By reversing the mower is reset into working position.

Fast Lifting On Headland

The mower is easily lifted via a hydraulic cylinder without activating the tractors 3pt linkage. The advantage is less wear on tractor and machine, as the PTO stays in the same position, minimizing vibrations in the transmission.



Easy lift on headland.



Spring loaded BreakBack.



Safe and narrow transport solution.

EXTRA 100 in Short:

- Working widths of 1.70-2.40m
- Fully welded EXTRA cutterbar

- Spring loaded BreakBack
- Vertical transport position
- Compact build for smaller tractors



Transport Solution

When in transport, the mowers are folded to a vertical position well behind the tractor. The centre of gravity is close to the tractor, which ensures excellent weight distribution and transport stability.



Mowing at extreme angles.



EXTRA 117 – 1.70m working width.



EXTRA 122 – 2.20m working width.



EXTRA 124 – 2.40m working width.

Technical Specifications

Models	EXTRA 117	EXTRA 122	EXTRA 124	EXTRA 228	EXTRA 232	EXTRA 432H	EXTRA 440H
Working width m(ft)	1.66(5'5")	2.16(7'1")	2.42(7'11")	2.84(9'3")	3.18(10'5")	3.18(10'5")	3.94(12'11")
Weight, approx kg(lbs)	388(856)	430(948)	450(992)	610(1345)	684(1508)	794(1751)	970(2139)
Transport width (m)	1.2	1.2	1.2	1.4	1.4	<3.0	<3.0
Transport height (m)							
Linkage (CAT)	2	2	2	2	2	2	2
PTO (RPM)	540	540	540	540	540	540	1000
Min. power req. PTO output (KW/hp)	26/36	31/42	34/46	37/50	40/55	40/55	50/70
Number of discs and knives	4/12	6/18	6/18	8/24	8/24	8/24	10/30
Number of hydraulic outlets	1 S	1 S	1 S	1 S	1 S	1 D	1 D
Mowing angle °	-45 / +15	-45 / +15	-45 / +15	-35 / +35	-35 / +35	-15/+15	-15/+15
Stubble height (mm)	30-60	30-60	30-60	30-60	30-60	30-60	30-60
NonStop BreakBack	-	-	-	•	•	•	•
Overrun clutch	•	•	•	•	•	•	•
Friction clutch	-	-	-	-	-	•	•
Optional equipment							
Swath boards (RH / LH)	• / o	• / o	• / o	• / o	• / o	• / o	• / o
Swath roller (RH / LH)	• / -	• / -	• / -	• / -	• / -	• / -	• / -
High skids +20 / + 40 / + 80 mm	o	o	o	o	o	o	o
Express quick change of knives	o	o	o	o	o	o	o
Lighting kit	o	o	o	o	o	o	o
Throwing wings	o	o	o	o	o	o	o
Straw divider	-	-	-	-	-	o	o

* Minimum requirement on weight of tractor. • = standard o = optional - = not available

Optional Equipment



High skids.



Throwing wings.



Lighting kit.

	EXTRA 328F	EXTRA 332F	EXTRA 332XF	EXTRA 328	EXTRA 332	EXTRA 336	EXTRA 340	EXTRA 390	EXTRA 395
	2.84(9'4")	3.18(10'5")	3.18(10'5")	2.84(9'4")	3.18(10'5")	3.50(11'6")	3.94(12'11)	8.7(28'5")	9.5(31'2")
	670(1477)	710(1565)	855(1885)	806(1777)	840(1852)	896(1976)	940(2073)	1360(2997)	1500(3307)
	2.6	3.0	3.0	2.3	2.3	2.3	2.3	<3.0	<3.0
				2.8	3.3	3.7	3.7	<4.0	<4.0
	2	2	2	2/3	2/3	2/3	2/3	2/3	2/3
	750/1000	750/1000	750/1000	540/1000	540/1000	540/1000	540/1000	1000	1000
	33/45	40/55	45/60	37/50	40/55	44/60	51/70	105/140	110/150
	8/24	8/24	8/24	8/24	8/24	10/30	10/30	16/48	16/48
	1 S	1 S	1 S	1 S	1 S	1 S	1 S	2 D	2 D
	-17/+17	-17/+17	-17/+17	-15/+15	-15/+15	-15/+15	-15/+15	-15/+15	-15/+15
	30-60	30-60	50-80	30-60	30-60	30-60	30-60	30-60	30-60
	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•	•
	-	-	-	•	•	•	•	•	•
	-/-	-/-	•/-	•/o	•/o	•/o	•/o	-/-	-/-
	•/o	•/o	•/o	•/o	•/o	•/o	•/o	•/o	•/o
	o	o	o	o	o	o	o	o	o
	o	o	o	o	o	o	o	o	o
	o	o	o	o	o	o	o	o	o
	o	o	o	o	o	o	o	o	o
	-	-	-	o	o	o	o	o	o



Swath board.



Swath roller.



Swath collector.

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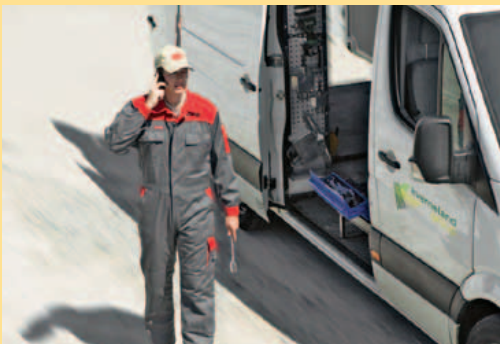
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