

EXTRAΔ 600-700-900



Trailed and Mounted Disc Mower Conditioners



Looking For Something EXTRA?





Why EXTRA?

The Vicon range of mower conditioners has been designed to offer you a little bit more for your money than other mowers - in fact our ambition has been to raise the standard for mower conditioners - offering extra performance and features to make your working day a bit easier.

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.

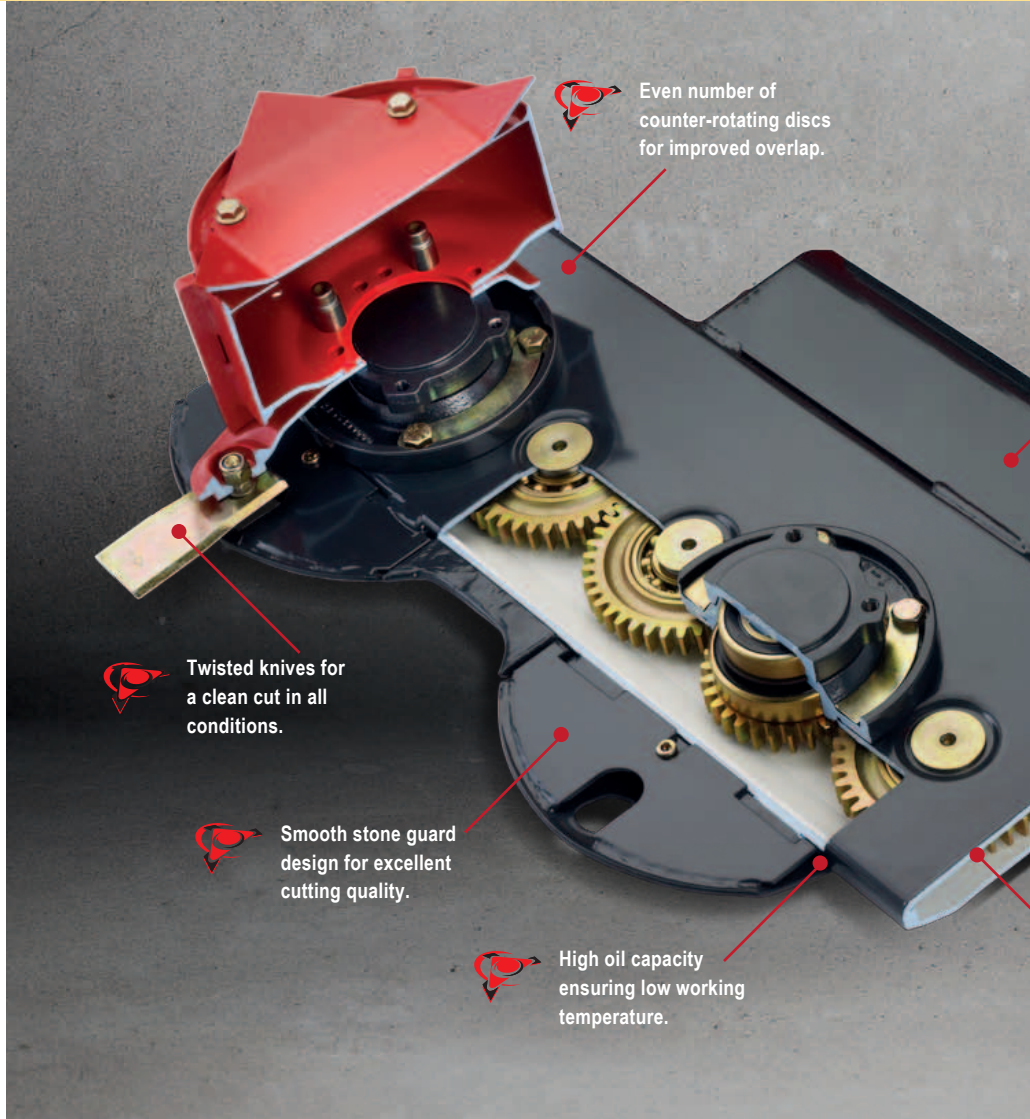
Unmatched Cutting Performance with Three-Bladed Discs



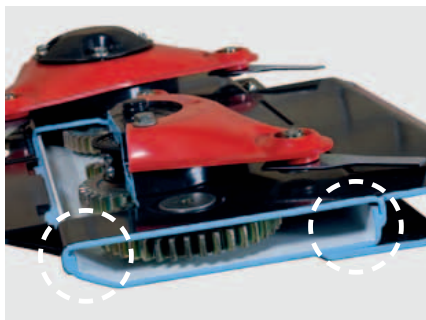
'Express' Quick Change of Knives

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

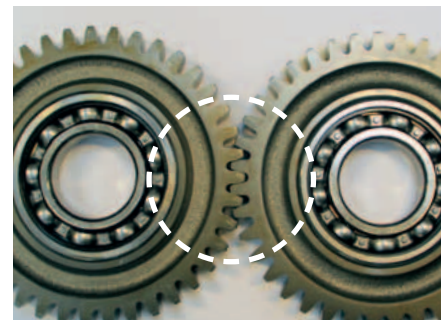
Simply place the lever around the bolt, release the spring by turning the lever, and the knife is ready to be replaced by a new one.



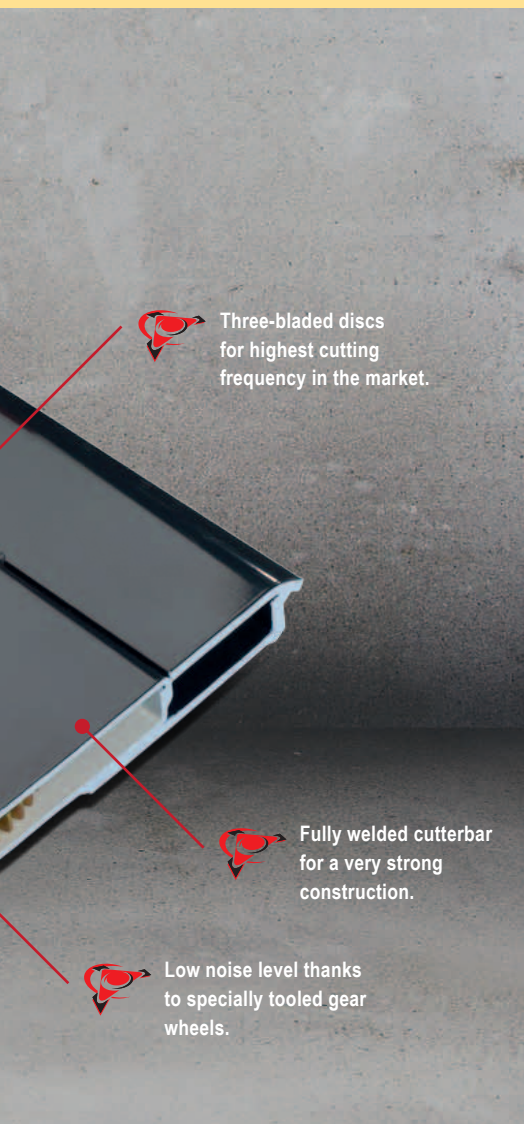
To protect the gear wheels and the drive system, Vicom uses a one-key safety device, designed to break in case of overload.



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

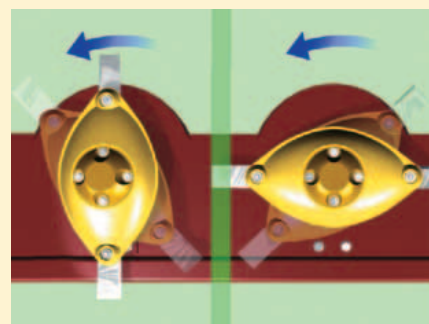
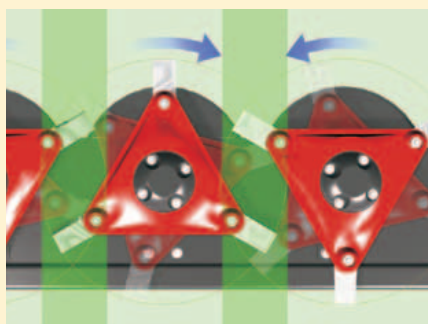


Low noise level thanks to specially tooled gear wheels with round design and long teeth for efficient power transmission.



Three-Bladed Discs for More Cuts

With three blades per disc Vicon EXTRAΔ 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, clean cut stubble. Each steel blade is precisely angled to immediately convey the cut crop upwards with a combination of mechanical action and air flow towards the conditioning rotor or rollers.



Counter-Rotating Cutting Discs for Improved Overlap

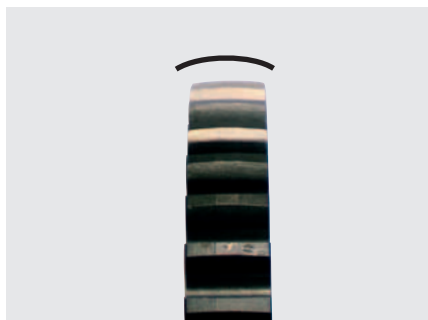
Don't compromise on your cutting performance. All Vicon mowers have an even number of counter-rotating discs. Apart from the immediate crop transport to the rear this system ensures that even in wet conditions no stripes of uncut forage are left in the field.

Low Noise Cutterbar

The newly developed EXTRAΔ 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 EXTRAΔ 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.



The risk of the gearwheels "catching" on the corners is minimised by the special "round" design, which in turn reduces wear and noise.

Effective SemiSwing Conditioning

What Makes SemiSwing Stand Out

Utilizing centrifugal force is what makes the Vicor SemiSwing conditioner stand out to other conditioning systems. It offers an aggressive conditioning effect while still offering excellent tine protection and virtually no wear and tear.

SemiSwing tines, due to their restricted movement pattern, are designed to encapsulate part of the centrifugal force, and utilize it to keep the tine in position during rotation. The benefits are no movement during rotation and full conditioning effect.

Aggressive Conditioning – Minimum Blockages

Vicor's SemiSwing tine conditioner is an aggressive full width conditioning system. When the rotor starts rotating, the SemiSwing tines will instantly move into its' working position and stay in a fixed position.

The angle and position of the SemiSwing tines ensure the best possible crop transport. The crop is moved away from the conditioner rotor and towards the conditioner plate. This results in a reduced number of blockages and full utilization of the conditioner plate.

To adapt to ever changing crop conditions, the conditioner plate can be set in 3 positions.

Efficient crop transfer - crop is efficiently lifted away from the cutterbar and moved along the conditioner plate, ensuring aggressive conditioning effect.

The tine's swing design allows large obstacles to pass through without interfering with the rest of the conditioning process.

The full width conditioner allows for efficient crop conditioning and reduced fuel consumption.



Excellent Tine Protection – No Maintenance

When encountering obstacles, the SemiSwing steel tines are able to pivot backwards and let obstacles pass through. This allows large obstacles (103mm) to pass without breaking the tines. This simple system minimizes down time and reduces the risk of broken tines in the crop.

The steel tines will stay in a fixed position, allowing for an aggressive conditioning effect.

Reduced wear and tear – no constant movement of conditioner tines – virtually no wear on brackets or tines.

Once in working position, the tine is locked by the rotors forward movement. This allows each tine to stay in its' full working position.

Adjustable Conditioning Effect

Match the Weather Conditions

The conditioner plate can be set in 3 positions according to the required conditioning effect. Depending on crop conditions and the amount of crop you are cutting, the plate is easily adjusted to match that days conditions. The narrower the clearance, the more intensive conditioning you get.

When operating during a dry season it is possible to adjust the speed of the conditioner rotor to save fuel and preserve the crop. These mower conditioners offer two conditioner rotor speeds, 600 and 900rpm, which can be easily changed by simply switching the pulleys.



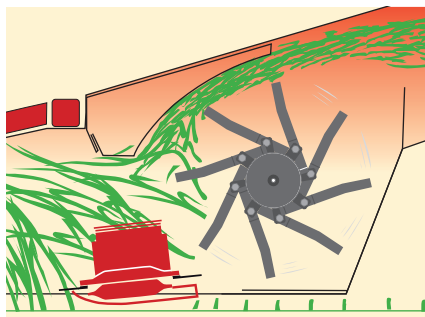
Easy adjustment of conditioning intensity.



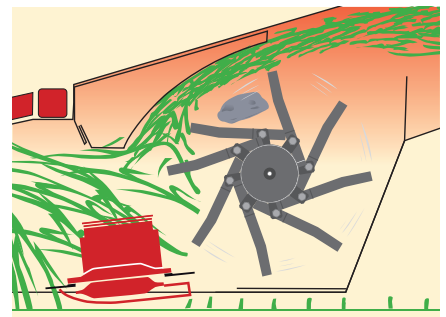
Adjustable rotor speed enables fuel saving and preservation of crop.

22kg of weight is required to pivot the SemiSwing tine backwards.

This means the tine will stay in a fixed position while conditioning crop. This design minimizes the tines movement during rotation, allowing for virtually no wear and tear on the brackets while still providing a full conditioning effect.

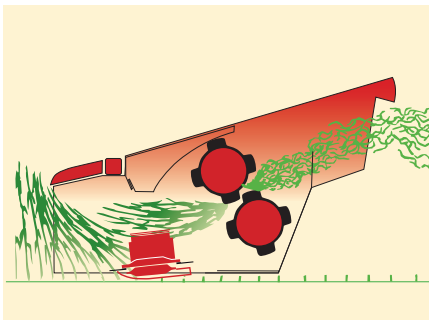


During operation tines will stay in a fixed position, providing full conditioning with minimum wear.



It requires a weight of 22kg on the tine to pivot the SemiSwing tine backwards.

Gentle Roller Conditioning



The special roller configuration, with the top roller located further forward than the bottom roller, provides outstanding upwards flow of crop. No need for an extra roller.



Both conditioner rollers are driven by a permanently lubricated, low maintenance, closed transmission.



Chevron-pattern rollers, ensure uniform conditioning across the complete working width.

Roller Conditioning – Delicate Handling of Fragile Crop

Preservation of Nutritional Value

Roller conditioning provides gentle, yet effective handling of fragile crop such as alfalfa or clover. Roller conditioning effectively cracks stems and their wax coating, while still preserving the nutritious leaves. This in turn facilitates an even drying pattern and utilization of the forage.

Chevron Rubber Rollers

The 225mm diameter wide rubber rollers, made from highly durable polyurethane, are vulcanized onto a steel core. This process guarantees straight rollers that will not twist out of shape, regardless of the force transmitted onto them. The chevron pattern actively directs the crop away from the cutting discs, which enables the best possible cutting quality, while limiting the power requirements needed.

Full-Width Conditioning

The Vicon machines feature two full-width chevron, counter-rotating conditioning rollers, with the top roller located further forward than the bottom roller. This unique design ensures optimized flow of material from the cutting discs toward the rear, making complicated systems with extra guiding rollers, as seen in other systems, obsolete.

Additionally, the full-width design allows for the distribution of crop into a thinner mat, increasing the amount of crop in contact with the rollers.

NonStop Mowing

If an obstacle is encountered, the roller pressure will be momentarily relieved, which separates the rollers and allows obstacles up to 60mm to pass without damage to the rollers and without having to stop mowing.

Easily Adjusted, Uniform Conditioning Intensity

The spring-controlled pressure exerted between the two rollers guarantees uniform conditioning intensity, regardless of the amount of crop passing through the rollers. The required conditioning intensity varies from field to field, which is why it is easily and endlessly adjustable via a handle.



The 225mm rollers that will not twist out of shape, regardless of the force transmitted onto them. If an obstacle is encountered, the spring tensioning system will separate the rollers, leaving an opening of up to 60mm, allowing objects to pass without damage to the rollers.

EXTRAΔ 900

Tailored To Any Request



Trailed Mower Conditioners

Including features such as SemiSwing conditioner, low maintenance cutterbar, independent active suspension, swath belt and FlipOver widespreading, EXTRAΔ 900 series machines are ready to meet every request with exceptional performance.

Tough and Reliable In Every Situation

Being prepared when mowing needs to take place is essential. Our machines are designed to offer maximum productivity and in addition we have a global support network standing by, dedicated to helping you do more, so you can make the most of the time available.



The swivel hitch headstock with reversible gearbox provides optimal manoeuvring ability.



Centre Pivot Drawbar

The EXTRAΔ 900CT and 900CR models are supplied with a centre pivot drawbar for mowing both to the right and left sides of the tractor. This important advantage in mower design allows mowing a field in one continuous process, without the need for constantly opening up new 'lands'. Consequently time consuming short runs are eliminated and mowing capacity is increased.

As is the output of the following machinery, as you can prevent creation of triangular or add shaped plots.

Turning on headlands is much easier, because the hydraulically operated drawbar allows the turning circle to be significantly reduced, saving time and reducing the number of instances where cut crop is driven over.



A lifting height of 50cm, ensures excellent ground clearance for transport and during headland turning.



The mower can be operated on either side of the tractor....



....which saves valuable time.

EXTRAΔ 900

Excellent Protection of Ground and Machine



Vicon Suspension for Clean Cutting Action

The EXTRAΔ 900 series machines are engineered with the unique Vicon suspension concept. The complete mowing section, including the conditioner, is suspended independently from the main chassis by either two or four long adjustable suspension springs, allowing field tracks and contours to be closely followed.

If an obstacle is encountered in the field, the mowing section will lift up and backwards, protecting the cutterbar from damage. When the obstacle is passed, the mowing section automatically returns to the working position.

A simple crank adjusts the whole cutterbar assembly up or down to a desired stubble height. Additional skids are available to increase cutting height.



Easy adjustment of stubble height.



EXTRA 936 models are fitted with 4 suspension springs for accurate ground pressure.



Fixed mainframe and reduced number of moving parts – less maintenance and wear.

Even Ground Pressure

The suspension springs are fitted on the widest possible position of the mowing section to ensure even ground pressure. Weight on ground is stable and only approx. 50–60kg on each side.

Accurate Sideways Adaptation

The long spring design allows for excellent ground following ability. In uneven fields, the mower is able to adapt +500mm/-150mm.

Effective Protection against foreign Obstacles

The suspension rod is fitted between mowing section and mainframe. This ensures that distance between suspension rod and pushing arm is constant.

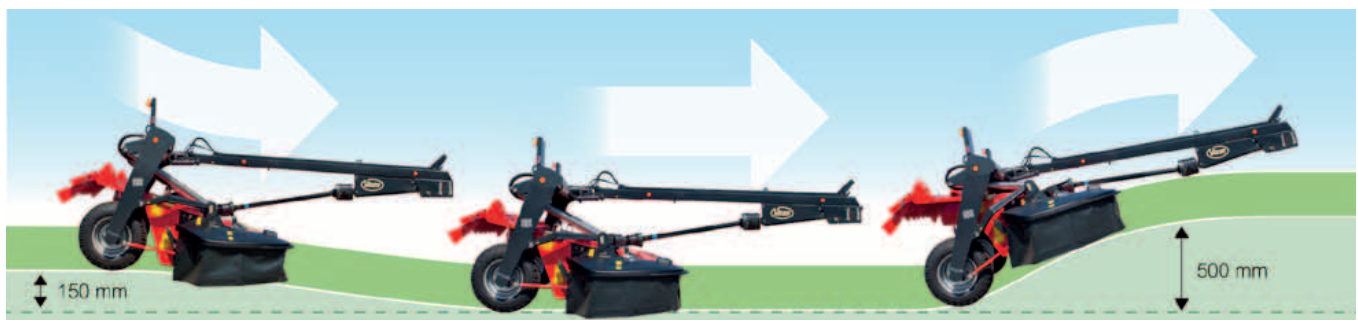
When an obstacle in the field is encountered, the mowing section will move backwards and automatically rise to allow the object to pass. The mower will automatically return to working position once the obstacle is navigated.



The suspension springs ensure excellent sideways adaptation of the complete mowing section.



The special suspension rod ensures that the mowing section is automatically lifted upwards and above the object.



The suspension springs allow the mower to closely follow ground contours in uneven conditions. The cutting section can adapt 500mm up and 150mm down.

EXTRAΔ 900

Widespreading Or Swathing



The Swath belt For Improved Performance

The EXTRAΔ 900 series can be fitted with a versatile swath belt to place two swathes into one. In this way the large swathes for large foragers or balers can be prepared, to speed up the collection of the crop. The swath belt can be raised and lowered from the tractor seat during operation. This allows you to

adapt to each individual situation and requirement, without wasting valuable time.

Adjustable belt Speed

The belt speed is infinitely adjustable from the cab. In this way, the swathes can be placed either side by side, or on the top of each other, ensuring a perfect match to the pick-up width of the following machine.



When placing the first swath, the belt is raised and hydraulically lowered for the second swath.



Setting EXTRA 900 series mowers for widespreading is very simple.



Changing from swathing to widespreading is a one-man job. Simply turn the rear plate 180°.



Dismount the two deflector doors and you are ready to mow.



The crop is directed inwards, away from the unmown crop.

Easy-To-Use Widespreading Kit

The EXTRA 900 series can be fitted with an easy-to-use widespreading kit. This enables the crop to be cut and spread in one operation, saving both time and at least one tedder operation.

The Spreading Plate

The spreading vanes are placed further back on the mowing unit than with conventional systems. This is thanks to the spreading plate positioned far to the rear when in use. The extended distance between the conditioning rotor and the spreading vanes enables a more even spreading across the entire working width, which in turn ensures a better wilting.

EXTRA 624T-628T-628R-632T Farmer-687T

Efficient Suspension Concept Keeps Track of Demanding Field Conditions

Protection of the Cutterbar

Vicon EXTRA 600 series is all fitted with the Vicon NonStop BreakAway system to protect the cutterbar. The integrated NonStop BreakAway autoreset 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 BreakAway system automatically returns the cutting unit to its original working position.



Accurate and Simple Suspension

The EXTRA 600 series is fitted with a highly efficient suspension system that includes centre suspended mowing units, efficient spring suspension and NonStop BreakAway. The mowing units are centre suspended via a suspension spring, to give an even weight distribution across the complete mower width. The benefit is less skid wear, optimum protection of the stubble and less fuel consumption.

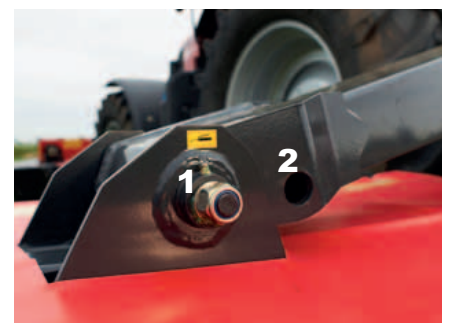
Excellent Ground Adaptations

Faster and more precise adaptation to ground contours is also achieved because of the

centre suspended design. The suspension can also be provided with hydraulic setting of ground pressure, easy to adjust, even on the go.

Two Mounting Options

EXTRA 600 series 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.



Two mounting options.



Work Smarter on the Go

This feature provides easy and simple setting of ground pressure on the EXTRA 600 series. For greater operator comfort, the ground pressure of the 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.



Ample clearing during headland turns.



Centre suspension for even weight distribution across the entire working width.



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

EXTRAΔ 624T-628T-628R-632T Farmer

Clever Machines with Professional Characteristics



Compact in Size – Massive in Features

Vicon offers 4 centre mounted mower conditioners, EXTRAΔ 624T, 628T, 628R and 632T Farmer, in working widths of 2.40, 2.80 and 3.20m. They are fitted with the EXTRAΔ cutterbar with slim design for improved cutting performance. The EXTRAΔ 624T, 628T and 632T Farmer offer two conditioner rotor speeds, 600 and 900rpm, which can be easily changed by simply switching pulleys, to adapt to different conditioning requirements. At low conditioner speed, fuel consumption is minimized.

Light Weight Machines with Aggressive Conditioning

Due to the nylon tines fitted to the conditioner, the total weight of the machines is kept to a minimum, while keeping an aggressive conditioning. The fixed conditioning fingers are made from high quality nylon, to make them very rigid. This means excellent protection from stones and other obstacles. A perfect solution for farmer and smaller contractor machines! The EXTRAΔ 628R offers gentle, yet effective roller conditioning of fragile crop.

Turnable Gearbox Speed

The machines also offer a large degree of operating adaptability, as they are factory fitted with the option of being operated with either 540 or 1000rpm. It requires no additional accessory. All that is needed is to turn the main gearbox on the suspension 180°. Widespreading equipment is also fitted as standard on the machines.



EXTRA 624T, 628T/R and 632T Farmer are folded into vertical transport position using a hydraulic cylinder.

Clever Transport Solution

The low gravity point during transport, with the weight of the mower close to the tractor, provides an excellent weight distribution, even during high speed road transport, and the machine is fixed by the hydraulic lifting arm. In addition transport height is limited, so passing through narrow gateways or under bridges is not a problem. Another benefit is that the hydraulic cylinder also supports quick lifting of the mower from working to headland position.



Quick change from swathing to widespreading.



The spreading vanes are available as standard.



540/1000rpm turnable gearbox as standard.

EXTRAΔ 687T

Optimises on Productivity and Profitability



Easy to Operate for More Uptime

The EXTRAΔ 687T has been designed with ease of operation in mind. In fact it is an uncomplicated butterfly combination purpose built to lower operating costs in terms of power and fuel consumptions, with power requirements starting at only 150hp. Equipped with 2 x 3.18m mowing unit, both fitted with 8 triangular discs and nylon tines the EXTRAΔ 687T is geared for productive work days.

The Features that Matters

The EXTRAΔ 687T is packed with features that matter, giving it the professional characteristics needed when adjusting the machine for changing conditions. Widespreading is standard fitted and conditioner speed can be set at either 600 or 900rpm by simply turning the gearbox. To ensure optimal overlap between front and rear units, the mowing units can be mounted in two positions on the suspension arm.



Large suspension springs, optionally with hydraulic setting of ground pressure.



Vertical Transport Position

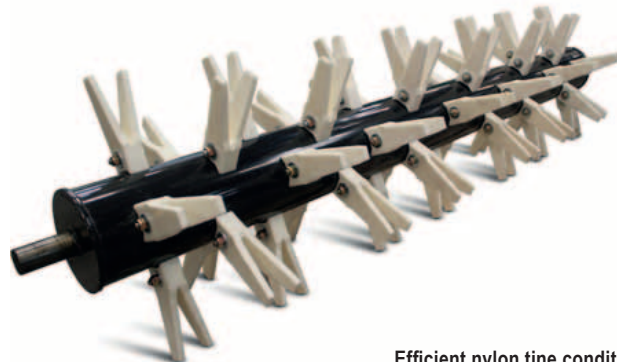
For transport the mower folds into a compact position well behind the tractor. The folding design ensures that the weight is distributed evenly, with the weight of the mower close to the tractor. Transport height is well below 4.00m.

Parking, Safe and Sure-Footed

With the integrated parking device, storage of the EXTRA 687T is made easy and convenient, requiring a minimum of space during winter storage. The mower is firmly parked on strong and stable parking foot, bringing total height below 4.00m.



Ample clearance during headland turns.

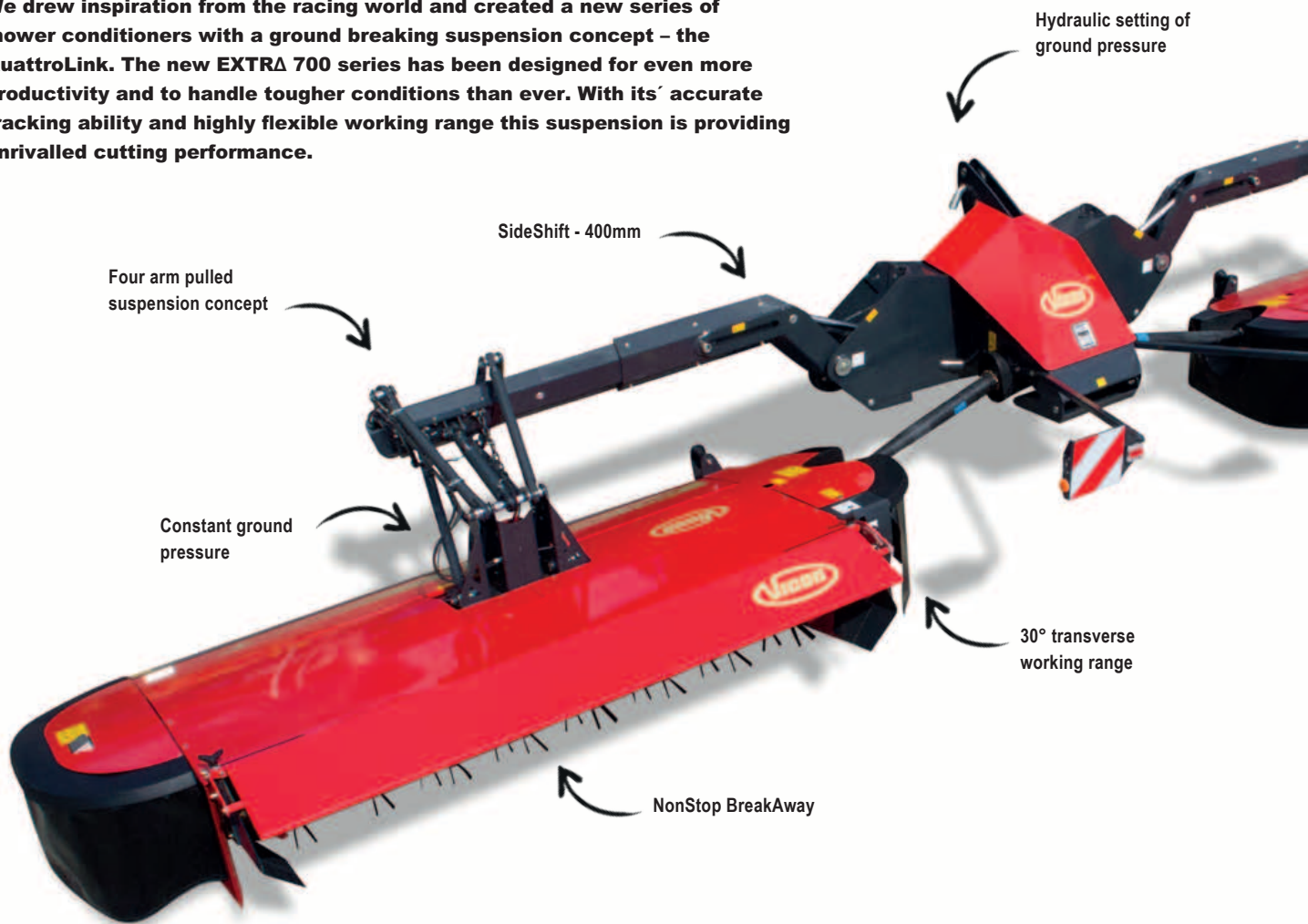


Efficient nylon tine conditioning.

EXTRA 736T Vario – EXTRA 7100T Vario

QuattroLink – Racecar Technology Applied for Mower Conditioners

We drew inspiration from the racing world and created a new series of mower conditioners with a ground breaking suspension concept – the QuattroLink. The new EXTRA 700 series has been designed for even more productivity and to handle tougher conditions than ever. With its' accurate tracking ability and highly flexible working range this suspension is providing unrivalled cutting performance.



New Innovative Suspension Concept for Accurate Tracking

What makes the QuattroLink suspension unique? The mowing unit is pulled by four suspension arms fitted onto a fixed carrying arm that allows the mowing unit to float independently over the field, adjusting highly accurately and instantly to any changes in ground contours.

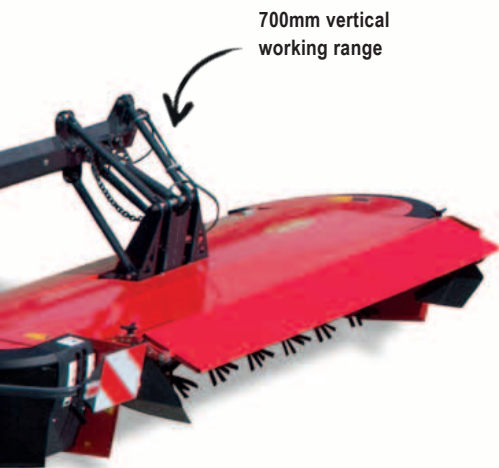
No Compromises on Flexibility

The mowing pattern is extremely flexible with a vertical working range of 700mm up and down and a transverse working range of 30°. The four arm suspension concept ensures constant ground pressure during working operations.

How You Will Benefit from QuattroLink

Like a race car you want better tracking, ability to go at faster speed and adjust instantly to changing field conditions when operating your mower conditioner. These are the main benefits you will experience when running the EXTRA 700 and 7100T series. The four suspension arms provide the mowing unit with an exceptional flexibility in adapting instantly to demanding ground contours inviting for higher speed and more productivity.

“Prepare Yourself for a New Mowing Experience”



Exceptional ground following system. The four suspension arms provide an adaptation range of 400mm upwards and 300mm downwards for accurate tracking.



Excellent adjustment to uneven field conditions with a transverse working range of 30°.

Full Width BreakAway Protection

Our NonStop BreakAway system just got even better. With the new QuattroLink suspension this system now offers protection across the full working width of the mower, including the part closest to the tractor.

There are no limiting factors on the inside part of the mower, giving the driver true peace of mind. When hitting an obstacle in the field, the mowing unit will instantly move backwards and up, and then return to the original position.



On EXTRA 736T Vario, ground pressure is easily set from the tractor seat, hydraulic with an easy to read pressure scale on the mower for clear guidance.



BreakAway Protection – When encountering an obstacle in the field the mowing unit will swing backwards and over the obstacle, even on the inside of the mower, and then return it to the original working position. No need to stop – no time lost.

EXTRAΔ 736T Vario – EXTRAΔ 7100T Vario

Hydraulic Adjustment of Overlap – Maximize Your Mowing Capacity



Easy and intuitive joystick control of EXTRAΔ 736T Vario.

Efficient Headland Management

The EXTRAΔ 700/7100 series provides generous clearance across the complete cutterbar, including the inside area. When lifting the mower on headlands, the mowing unit is raised and the carrying arm is tilted to a 10° angle. This provides the EXTRAΔ 700/7100 series with a level ground clearance of minimum 500mm across the full working width.

When lowering the mowing unit the carrying arm is lowered evenly without one side touching the ground before the rest of the mower, avoiding unnecessary stress and wear on the mower.

“Adjust on the GO – new hydraulic adjustment allows you to constantly optimize overlap and productivity”

Vario Means More Productivity

Ensuring the correct overlap between front and rear mower is essential to maximize your mowing job. Too little overlap immediately causes problems when field conditions change. Too generous overlap limits you from utilising the capacity of the mower combination to the maximum, eventually leading to reduced productivity.

Hydraulic Adjustment of Overlap

EXTRA 736T Vario and 7100T Vario are fitted with hydraulic SideShift integrated into the carrying arm allowing each mowing unit to move 400mm. To easily compensate for changing field conditions, the adjustable overlap is designed as a telescopic arm, directly into the suspension.

Adjusting the overlap is quickly done hydraulically from the tractor cab, and the chosen overlap is easily registered from the scale on the suspension arm.

Increase overlap when mowing odd sized fields, going around corners or operating on slopes to ensure no stripes are left behind. Reduced overlap on flat and even fields to improve performance and cutting width as much as 10%.

Ground Pressure Remains Constant

During mowing operation the carrying arm always remains even to the ground, giving the mowing unit the freedom to instantly compensate and float across uneven ground contours. The true benefit of the suspension concept is that even though overlap is changed, the chosen ground pressure remains the same.

No need to stop and adjust, reset and control the ground pressure before you can go on. Just set the mower to the requested overlap and mow on.



»1
Minimum 500mm ground clearance across the complete mowing unit during headland turns. Mowing unit is raised and carrying arm tilted to a 10° angle.



»2
The carrying arm is tilted back to bring the mowing unit into an even position before lowering the mowing unit.



»3
Mowing unit is lowered evenly onto the ground without one side touching the ground before the rest of the mower.

EXTRAΔ 736T Vario – EXTRAΔ 7100T Vario

Effective Transport Adds to a Productive Day



Below 3.70m Transport Height

The mower fold hydraulically for transport and the telescoping frame arm moves to lowest overlap position, to reach a transport height of only 3.70m. And there is no need to leave the tractor before heading off, the outer side protection guard hydraulically folds into transport position.

Even Weight Balance for High Speed Transport

The complete weight of the EXTRAΔ 736T is spread evenly on both rear tyres, with a 50/50% weight balance. This means the tractor is not sliding to one side during transport, providing extremely stable running characteristics of tractor and mower during the transport, inviting for higher speed.



When parked, being in working position or during vertical storage the lift arms are always in a horizontal position, making it very easy to mount or unmount the mower from the tractor.

*“Your Profit is Made in the Field
– Not on the Road”*



Simple mounted and adjusting – easy levelling of suspension arm to counter any sideways tilt of tractor.

Parking, Safe and Sure-Footed

With the integrated parking device, storage of the EXTRA 700/7100 series is made easy and convenient, requiring a minimum of space during winter storage. The mower is firmly parked on strong and stable parking foot, bringing total height below 4.00m.

EXTRAΔ 736T Vario – EXTRAΔ 7100T Vario

Efficient Grass Management Starts Here



Responding to Ever Changing Conditions

The EXTRAΔ 700 series comes with a host of smart features that allow you to get the job done faster, smoother and more efficient. When there's work to be done, you need a mower conditioner that is easily customized to the exact conditions facing you today. Setting the conditioning intensity to crop density and conditions, changing between swathing and widespreading and checking discs and knives is done easily and quickly, taking the hassle out of the daily work optimization.



New FlexProtect side covers, rugged and sturdy, yet flexible when bumping into obstacles.



Easy and quick access to the cutterbar for daily inspection of discs and blades.

*“Weather and field conditions are flexible
– so your mower conditioner better be the same”*



Swath Plates Automatically Expand

Swath plates automatically expand when being slid inwards to support efficient and accurate swathing.



Easy Change-over for Widespreading

Changing from swathing to widespreading is virtually a one minute job. The swath plates are easily slid to the side and the FlipOver widespreading vanes are turned 180°. No tools are required.



The front end is adjusted separately to suit the crop intensity, even for massive crop, to avoid any blockages.

Even More Efficient Conditioning

The new conditioner plate can be adjusted at both front and rear ends to customize the conditioner to crop intensity.

The front end is adjusted separately to suit the crop intensity, even for massive crop, to avoid any blockages.

Rear end is adjusted to ensure smooth and efficient crop flow into swaths or widespreading.

EXTRA 7100T Vario

This is Where Efficiency Starts



Mow More – Make More

With its 10.20m working width the new EXTRA 7100T Vario is geared for productive working days. Come demanding terrains, come long challenging work days – the new EXTRA 7100T Vario has been designed to handle tougher conditions. Packed with new innovative features such as the QuattroLink suspension, Vario adjustment of overlap and full width BreakAway protection the EXTRA 7100T Vario is custom-made to boost efficiency.

Faster Headland Operations

Automatic headland control means even more comfort and invites for faster headland operation. When turning on headlands the front mower unit is lifted or lowered when the button is touched and rear sections are lifted or lowered with a predefined time or metre delay, ensuring the driver can stay focused on turning on headlands.



Automatic headland control – front mower is lowered before the rear mowing units.

Powerful Combinations:

EXTRA 7100T Vario + EXTRA 635T: 10.20m working width

EXTRA 7100T Vario + EXTRA 632T: 9.80m working width



Compact During Transport

The mower folds hydraulically for transport and the telescoping frame arm moves to lowest overlap position, to reach a transport height of only 3.90m and a width below 3.00m. And there is no need to leave the tractor before heading off, the outer FlexProtect protection guard hydraulically folds into transport position.

Parking, Safe and Sure-Footed

With the integrated parking device, storage of the EXTRA 7100T Vario series is made easy and convenient, requiring a minimum of space during winter storage. The mower is firmly parked on strong and stable parking foot, bringing total height below 4.00m.



Each mowing unit can be lifted individually, convenient when mowing awkward shaped fields.



Ample clearance across full working width during headland turns.



Adjust lifting height on headlands. In low crop conditions the lifting height of mowing units can be reduced for even faster headland operations.

EXTRAΔ 632T Pro

Easy To Work With for Unlimited Flexibility!



EXTRAΔ 632T Pro and EXTRAΔ 632FT,
the perfect match with a working
width of 6.20m.

Easily adjustable to varying conditions

The Vicon EXTRAΔ 632T Pro can be converted easily to provide easy operation, and optimal output under different conditions. For inspection of the cutterbar, the entire front plate can be moved aside, for trouble free access to the cutterbar.

The rear end of the mower can also be lifted for easy inspection, and in circumstances where conditioning is not required the complete conditioning rotor can be removed.



Unlimited access to the cutterbar - the complete front plate can be turned to give easy access to the cutterbar.



The complete end of the mower can be lifted to give easy access to the conditioner. The complete conditioning rotor can be removed very quickly, if mowing without conditioning is requested.

FreeFloat Suspension



Hydraulic suspension for easy and precise setting of ground pressure.



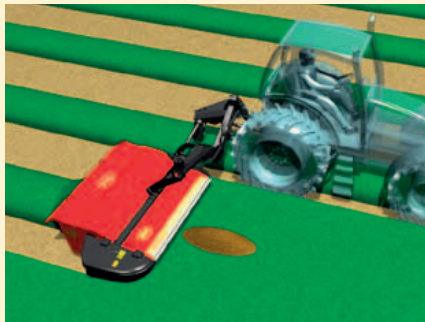
Pulled centre suspension for even weight distribution and excellent adaptation.



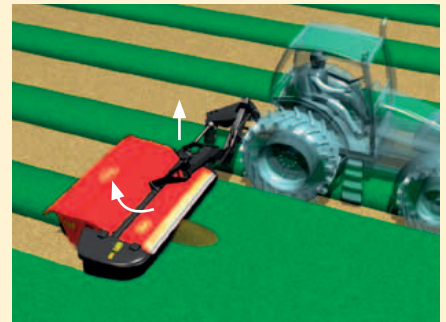
Easy lift on headlands without activating the 3pt linkage of the tractor.

Pulled Suspension

The FreeFloat Suspension concept is the Vicon solution to precise and trouble free mowing. The mowing unit is centrally suspended to give more precise ground contour following. The mowing unit features a pulled suspension system to allow the cutting unit to independently float over ridges and contours. This ensures accurate, close cutting performance in all conditions.



If an obstacle is hit in the field the pulled suspension allows the mowing unit to swing backwards and up.



When the obstacle is passed the mowing unit automatically returns to the working position.

Two-Speed Gearbox

The Vicon EXTRA 632T Pro is fitted with a 2-speed gearbox for conditioner speeds of 900 or 600rpm. This allows you to choose between intensive conditioning or low fuel consumption when the crop only requires limited conditioning effect. The lever is conveniently positioned for easy access on top of the gearbox.



Conditioner speed of 900 or 600rpm - changed in a second.

EXTRAΔ 632T Pro

Pulled Suspension for Excellent Ground Adaptation!



A New Standard in The High Performance Segment

The pulled suspension of the EXTRAΔ 632T Pro is know-how of Vicon transferred to mounted disc mowers - a new standard for ground flotation normally only seen on trailed versions.

With its 3.20m working width and hydraulic suspension it is a truly high performance machine that combines perfectly into combination with a front-mounted mower conditioner to offer a total working width of 6.20m.

Easy to Work With

The EXTRAΔ 632T Pro has been designed for professional use during a busy and demanding harvesting season. Features include a 2-speed gearbox, easy access to both cutterbar and conditioner rotor, low maintenance SemiSwing steel tines and hydraulic pulled suspension.

Safe Transport



Transport

The EXTRA 632T Pro is folded hydraulically into a vertical transport position. The low gravity point during transport provides an excellent weight distribution, which protects the headstock and tractor from excessive forces resulting from humps and bumps. The tractor remains well under control even during high speed road transport.

Hydraulic swath plate

- a clever solution when mowing along ditches. The complete left hand swath plate can be moved hydraulically from the tractor cab, which moves the mown crop away from the ditch and makes it very easy to collect the crop afterwards.



Widespreading Vanes

The EXTRA 632T Pro is standard fitted with widespreading vanes. The mower can be set for widespreading mode simply by moving two levers conveniently placed on top of the mower and maize choppers.



Setting the spreading plates allows the crop to be placed in a narrow swath.

EXTRAΔ 628FT-632FT/FR-635FT/FR

EXTRAΔordinary Operability



High capacity mowing
with 6.20m working width.

Machines For Professionals

The Vicon EXTRAΔ 628FT-632FT/FR and 635FT/FR feature an improved design of the pulled floating suspension and more accurate ground following. The gravity point is close to the tractor and with the very compact design, excellent view of the entire mowing area is guaranteed. In addition the new EXTRAΔ cutterbar, with low noise level and fully welded cutterbar housing has also been fitted onto these models.

SemiSwing – Low Wear, High Resistance

Included in the specifications is the SemiSwing concept, which is based on high quality steel tines with low wear and high resistance, and which has proven to have significantly reduced maintenance costs. All models are fitted with a variable conditioner rotor speed, to adapt to varying crop conditions. All features making these machines the ideal choice for professionals.

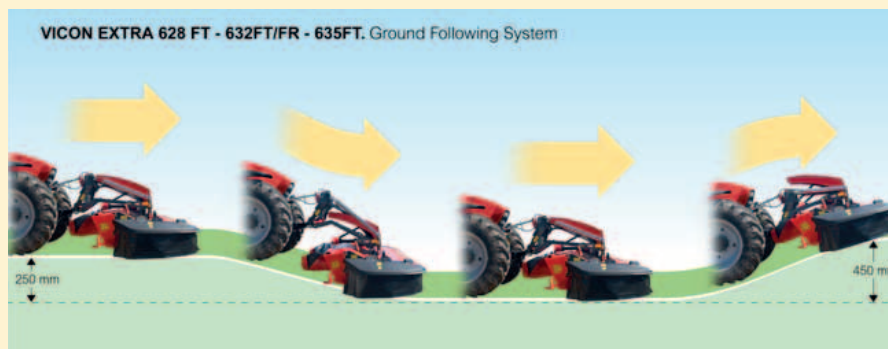
The Combination Mower

Vicon EXTRAΔ 628FT-632FT/FR and 635FT/FR front mounted models can be used in combination with a variety of mower conditioners, including the EXTRAΔ 900 series, EXTRAΔ 632T and EXTRAΔ 690T ISOBUS, or on its' own, making this an extremely versatile machine. With a working width ranging from 2.80-3.50m, the capacity of the machines is substantial.

NonStop BreakAway

To ensure maximum protection of the cutterbar, the Vicon NonStop BreakAway solution is implemented. During normal

Floating Suspension with Three-Dimensional Adaptation



The moving pattern of the machine is extremely flexible, allowing downwards movements of 250mm and upwards of 450mm.

Superior Suspension Protecting Ground and Machine

Due to the redesigned suspension of the EXTRA front mounted models, an even better flotation and more even ground pressure is possible. The two large suspension springs have been moved further outwards to provide better side stability, which is reflected in optimum protection of the stubble and far less skid wear.

In addition the innovative suspension design allows a transverse adaption of 24°. This ensures excellent adaption to uneven ground contours and higher reachable speed when mowing.



operation, the cutterbar is angled downwards, but if the NonStop BreakAway is activated, the cutterbar angle changes to a horizontal position, due to the geometry of the machine. This prevents the machine from damaging the ground surface.

Easy Operation

Substantial efforts have been made to make daily operation as easy as possible. The clever design of the suspension creates an undisturbed view of the entire mowing area and an excellent overview during transport. A clearance of 350mm is achieved during transport and headland turns.



Compact design for excellent view during operation.



EXTRA 632FR – perfect for gentle, yet effective conditioning of fragile crop.

EXTRAΔ 690T ISOBUS

The High Performance Solution



Despite the huge 9.00m working width, the EXTRAΔ 690T ISOBUS is still easily manoeuvrable.

High Capacity

Vicon offers a top-of-the-line mower conditioner combination with a 9.00m working width. It consists of an EXTRAΔ 632FT front mounted mower conditioner with a 3.20m working width and two rear-mounted 3.20m mower conditioner units. There is no need for a special reverse drive tractor, as the Vicon EXTRAΔ 690T ISOBUS fits perfectly on a normal tractor with front and rear linkage.

Excellent Adaptation

The design of the Vicon EXTRAΔ 690T ISOBUS, with a tractor in the middle, ensures perfect manoeuvrability and the best possible weight distribution of the entire combination. This minimises wear on the tractor and ensures excellent manoeuvrability in the field. Each mowing unit adapts independently to ground contours, ensuring trouble-free flotation of the entire machine.



Despite its' giant size, turning on headlands is very easy with the Vicon EXTRAΔ 690T ISOBUS. Each mower unit can be raised by pushing a single button on the control box.

Flexible Mowing Options



Vicon Swath Belt

The highly flexible Vicon swath belt solution is available for the Vicon EXTRA 690T ISOBUS. The swath belt can be raised and lowered from the tractor seat during operation - push the button on the control box to set the belt equipment for the desired output. This allows you to adapt to each individual situation and requirement without wasting valuable time.

Flexibility of Swath Size

Depending on crop conditions and to allow the swath to be customised according to the item of machinery following, the belt speed can be infinitely adjusted from the cab. In this way the swaths can be placed either side by side or on top of each other.

To allow the output of the Vicon swath belt to suit all conditions, the belt is capable of placing grass from either 6.00m or 9.00m into a single swath. The right-hand belt can run to the left or to the right, giving the option of placing three swaths into one or in a two by two formation.

Individual Suspension

The individual suspension of the two Vicon swath belts reduces shock load on the mainframe together with the patented Vicon automatic BreakAway system. A unique and simple solution with only few moveable parts, ensuring less wear and maintenance and not least a better flotation of the entire machine. The Vicon swath belts are floating on two large springs, and thus performing a unique

and even swath formation under all conditions (no jumping up and down of belt units).

Flexibility Suiting Your Needs

The EXTRA 690T ISOBUS can be set for three single swaths, widespreading or three swaths into one with the Vicon swath belt. An extra feature is the fact that the right belt can run in two directions, meaning that the Vicon EXTRA 690T ISOBUS can place crop from 6.00m into one swath.



The Vicon swath belts are individually suspended to offer an even swath formation.

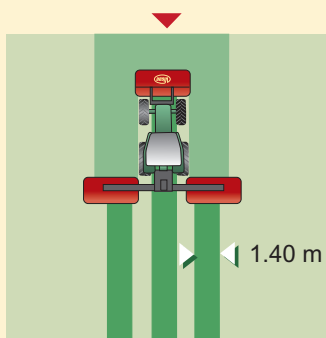


With the Vicon swath belt, grass from either 6.00m or 9.00m can be placed in a single swath.

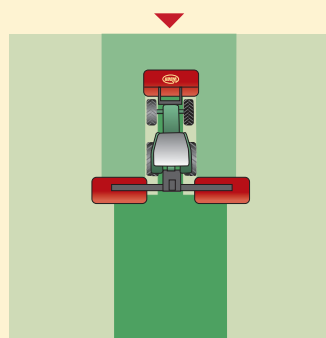


Four different outputs of mowing

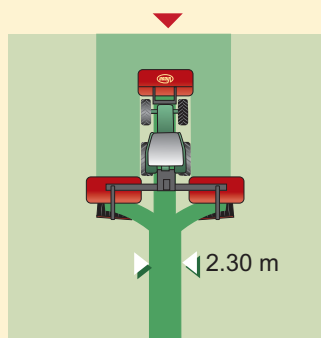
Three single swaths



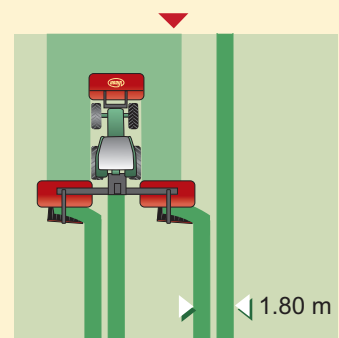
100% widespreading



Tripple swath



Two by two



EXTRAΔ 690T ISOBUS

The Pendulum Suspension



Excellent Suspension

A balancing weight arm ensures optimal cutting quality, even when working in difficult conditions. The weight arm ensures excellent suspension, by constantly providing an even weight distribution across the entire rear section of the mower.





Centre Pivot Suspension

The 4 heavy duty ground pressure springs are attached close to the pivot point of each cutting unit, to ensure lower ground pressure and hereby better ground following ability and consistent cutting height. Uneven field surfaces are easily absorbed by the suspension, giving an even mowing result and allowing faster forward speed.

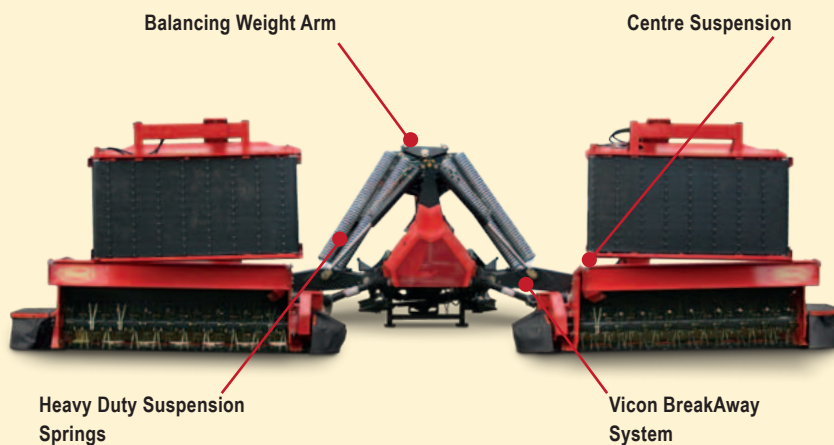
Vicon BreakAway System

The mowing units are also fitted with the Vicon BreakAway system that will protect the cutterbar from stones and foreign obstacles. If hitting an obstacle the BreakAway system will swing the involved mower unit backwards and over the obstacle and then return it to the original working position. If the Vicon EXTRA 690T ISOBUS is fitted with the swath

belt solution, the belts will automatically swing back with the mower unit, ensuring no interference with the mowers.

Excellent Flotation

The Vicon EXTRA 690T ISOBUS is fitted with a balancing weight arm, linked to the 4 heavy duty ground pressure springs on top of the three point suspension, to ensure an even weight distribution of the two rear sections. The low gravity scale arm suspension ensures that the mowing units always remain horizontal in relation to the ground, when working in uneven or hilly conditions, or if the tractor is hitting small obstacles in the field. When using SideShift equipment, the balancing arm also facilitates equal ground pressure on either side of the rear mower unit.



The centre suspension of the two rear mowing units provides excellent ground following.



4 large springs ensure even flotation and cutting height.



When not in use the optional Vicon swath belt is raised hydraulically to a position above the mowing units.

Technical Specifications

	REAR MOUNTED MOWER CONDITIONERS					
Model EXTRA	624T	628T	628R	632T Farmer	632T Pro	736T Vario
Conditioner	Nylon Tines	Nylon Tines	Roller Cond.	Nylon Tines	SemiSwing	SemiSwing
Working width m(ft)	2.42 (7'11")	2.84 (9'4")	2.84 (9'4")	3.18 (10'5")	3.18 (10'5")	3.60 (11'8")
Transport width m(ft)	1.90 (6'3")	2.10 (6'11")	2.10 (6'11")	3.00 (9'8")	2.30 (7'6")	3.00 (9'8")
Weight appr. (kg)	905	1025	1280	1090	1215	1484
Weight appr. (lbs)	(1996)	(2260)	(2820)	(2403)	(2679)	(3272)
Number of discs	6	8	8	8	8	10
Stubble height (mm)	30-60	30-60	30-60	30-60	30-60	30-60
PTO (rpm)	1000	1000	1000	1000	540/1000	1000
PTO power req. min (kW/hp)	50/70	60/80	60/80	66/70	66/90	90/120
Cond. rotor speed	900/600	900/600	900/600	900/600	940/600	1000/700
No of hydr. outlets:	1D	1D	1D	1D	1D	2D
Widespreading kit	•	•	•	•	•	o
Swath Belt	-	-	-	-	-	-
Nylon Tines	•	•	-	•	o	o

	TRAILED MOWER CONDITIONERS					
Model EXTRA	924R	924T	928T	932T	932CT	932R
Drawbar	Left hand	Left hand	Left hand	Left hand	Centre pivot	Left hand
Conditioner	Roller cond.	SemiSwing	SemiSwing	SemiSwing	SemiSwing	Roller Cond.
Working width m(ft)	2.42 (7'11")	2.42 (7'11")	2.84 (9'4")	3.18 (10'5")	3.18 (10'5")	3.18 (10'5")
Transport width m(ft)	2.20 (7'3")	2.20 (7'3")	2.70 (8'9")	3.00 (9'8")	3.00 (9'8")	3.00 (9'8")
Weight appr. (kg)	1792	1716	1820	1972	2320	2061
Weight appr. (lbs)	(3951)	(3784)	(4013)	(4348)	(5116)	(4545)
Number of discs	6	6	8	8	8	8
Stubble height (mm)	30-60	30-60	30-60	30-60	30-60	30-60
PTO (rpm)	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000
- swivel hitch drawbar	•	•	•	•	•	•
PTO power req. min (kW/hp)	45/60	45/60	50/70	60/80	60/80	60/80
Cond. rotor speed	900/600	900/600	900/600	900/600	900/600	900/600
Tyres	10.0/75-15.3 8PR	10.0/75-15.3 8PR	380/55-17	380/55-17	380/55-17	380/55-17
Widespreading kit	o	o	o	o	o	o
Swath Belt	-	-	o	o	o	o
Nylon Tines	-	o	o	o	o	-

• = Standard o = Optional - = Not available

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TRIPPLE MOWER CONDITIONERS				FRONT MOUNTED MOWER CONDITIONERS				
687T	690T ISOBUS	690T BX ISOBUS	7100T Vario	628FT	632FT	632FR	635FT	635FR
Nylon Tines	SemiSwing	SemiSwing	SemiSwing	SemiSwing	SemiSwing	Roller Cond.	SemiSwing	Roller Cond.
8.75 (28'9")	9.00 (29'6")	9.00 (29'6")	9.80/10.20 (32'2"/33'5")	2.84 (9'4")	3.18 (10'5")	3.18 (10'5")	3.50 (11'6")	3.50 (11'6")
3.00 (9'8")	3.00 (9'8")	3.00 (9'8")	2.90(9'6")	2.70 (8'9")	3.00 (9'8")	3.00 (9'8")	3.40 (11'2")	3.40 (11'2")
2129	3216	4241	2800	1152	1232	1305	1466	1426
(4694)	(7091)	(9351)	(6172)	(2540)	(2717)	(2878)	(3233)	(3144)
2x8	24 (3x8)	24 (3x8)	2x10	8	8	8	10	10
30-60	30-60	30-60	30-60	30-60	30-60	30-60	30-60	30-60
1000	1000	1000	1000	1000	1000	1000	1000	1000
110/150	155/210	160/220	150/200	50/70	50/70	60/80	66/90	66/90
900/600	900/600	900/600	1000/700	900/600	900/600	900	900/600	900/600
2D	1D + 1S	1D + 1S	LS	1S	1S	1S	1S	1S
•	o	o	o	-	-	-	-	-
-	o	o	-	-	-	-	-	-
•	o	o	o	o	o	-	o	o

TRAILED MOWER CONDITIONERS							
932CR	936T	936R	936CT				
Centre pivot	Left hand	Left hand	Centre pivot				
Roller Cond.	SemiSwing	Roller Cond.	SemiSwing				
3.18 (10'5")	3.50 (11'5")	3.50 (11'5")	3.50 (11'5")				
3.00 (9'8")	3.40 (11'2")	3.40 (11'2")	3.40 (11'2")				
2235	2158	2247	2426				
(4927)	(4758)	(4955)	(5350)				
8	10	10	10				
30-60	30-60	30-60	30-60				
540/1000	540/1000	540/1000	540/1000				
•	•	•	•				
60/80	70/90	70/90	70/90				
900/600	900/600	900/600	900/600				
380/55-17	380/55-17	380/55-17	380/55-17				
o	o	o	o				
o	o	o	o				
-	o	-	o				



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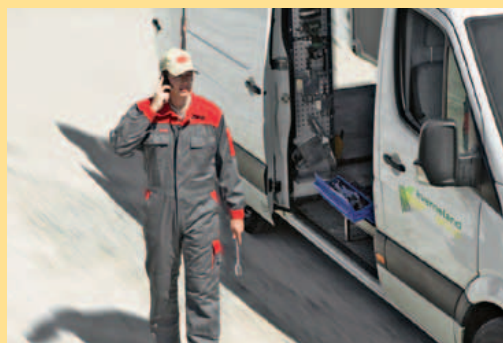
Strong focus on innovation allows us to provide a unique and broad product range with high quality. Kverneland Group offers an extensive package aimed at the professional farming community, covering the areas of soil preparation, seeding, forage and bale equipment, spreading, spraying and electronic solutions for agricultural tractors and machinery.



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