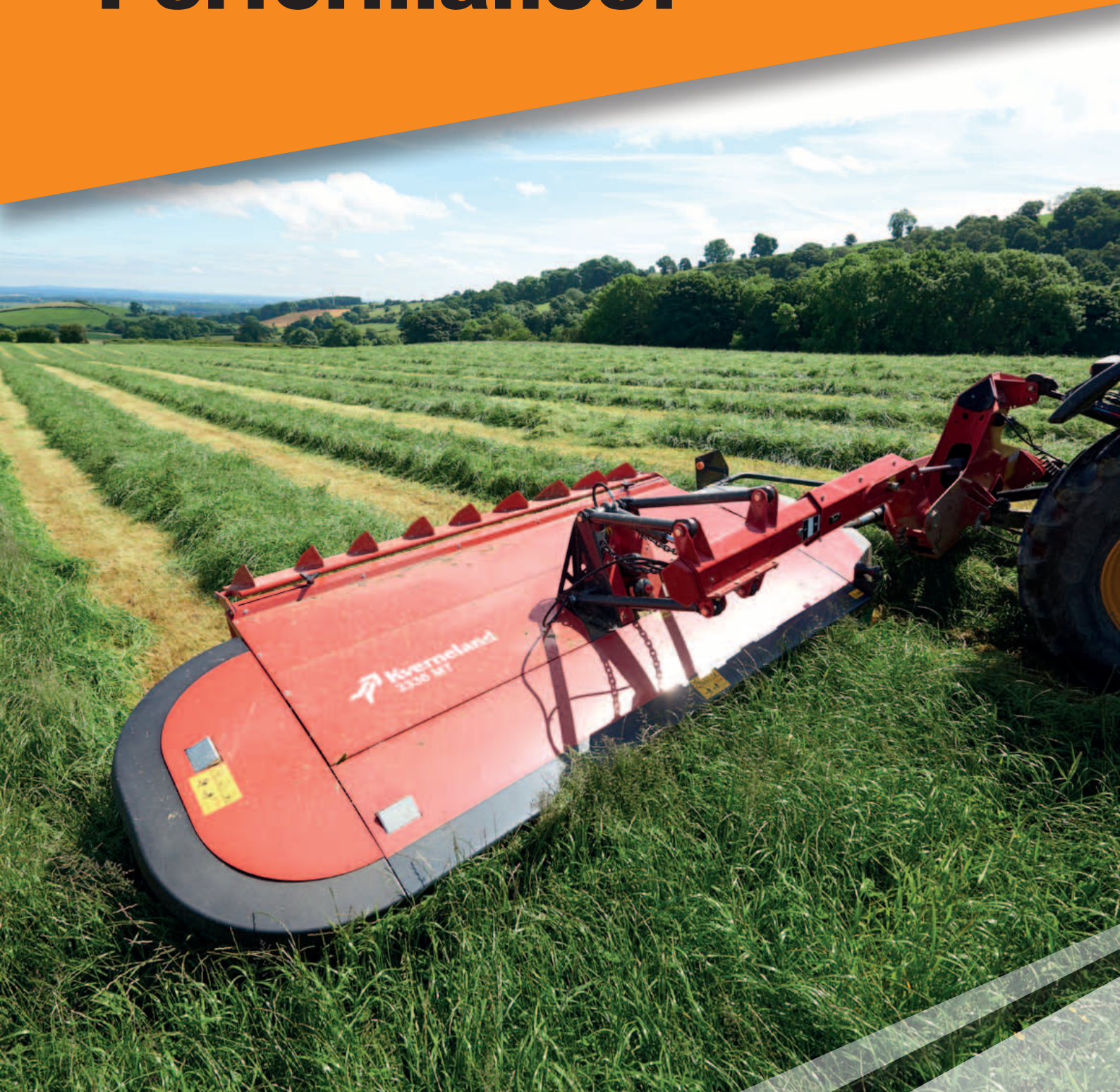


Mounted Disc Mower Conditioners  **Kverneland**

Experience True Performance!







A Complete Range

With the introduction of the latest mower and mower conditioner models, Kverneland offers a complete range of highly efficient products, renewed entirely within recent years.

Innovative Solutions

Considerable devotion to the development of innovative high quality products, founded on extensive insight into customer expectations, allows us to offer machines suitable for any mowing operation.

Unique Features

The Kverneland ingenuity enables us to offer several unique features, which all have been developed to make machine operation as simple and effective as possible.

A Cutterbar Built to Work as Hard as You!

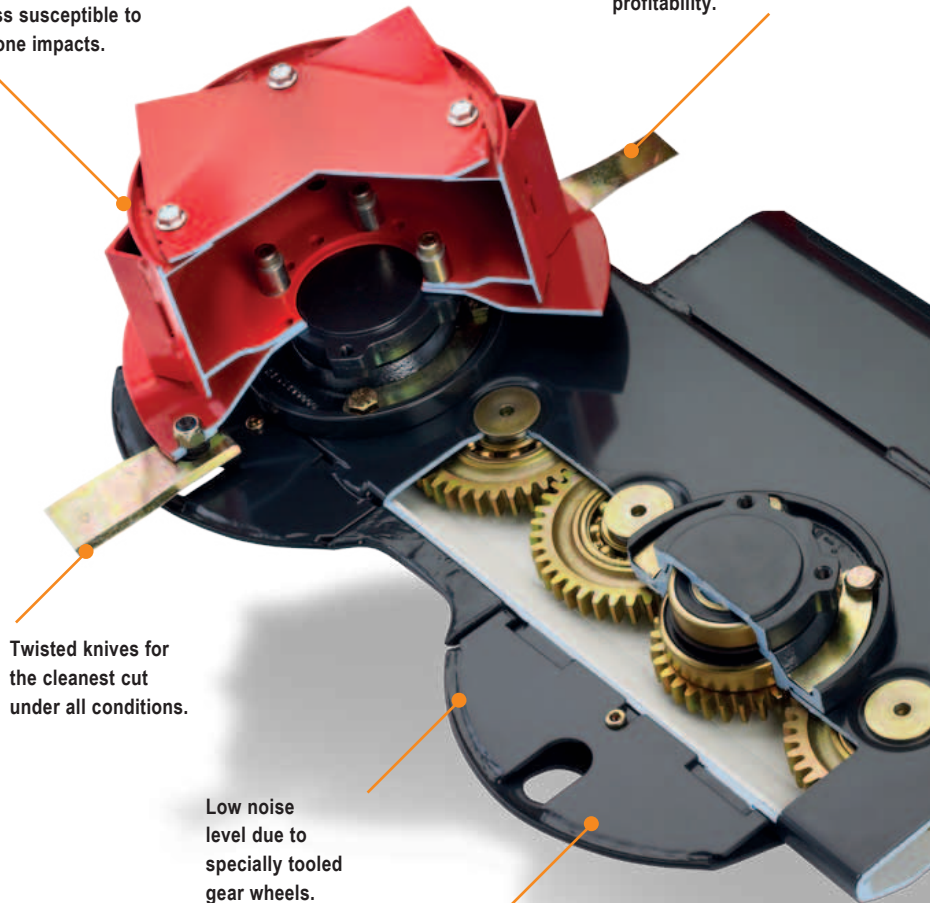
The Kverneland cutterbar has been designed for hard work. Several design features support this fact, including the well established round discs for a clean and aggressive cut and an extremely strong fully welded cutterbar housing which eliminates oil leaks. Furthermore a high oil volume ensures excellent lubrication and cooling during operation. The gear wheels, with their unique rounded design, are tooled to perfection for silent, yet reliable power transmission.

Round Discs – Outstanding Cut and Perfect Protection

The round discs have always been a known Kverneland hallmark. The unique circular design means that a constant distance is kept between the outer edges of the discs. Stones are expelled immediately before risking blockage, which reduces shock loads on the transmission to an absolute minimum. This in turn improves durability and maintenance substantially.

Round discs are less susceptible to stone impacts.

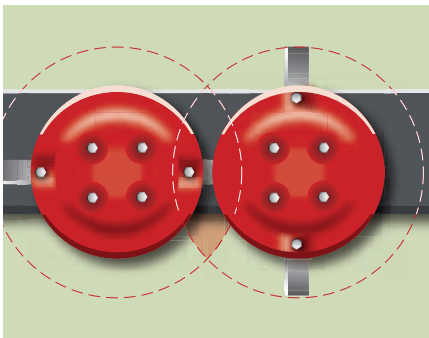
ProFit for higher profitability.



Twisted knives for the cleanest cut under all conditions.

Low noise level due to specially tooled gear wheels.

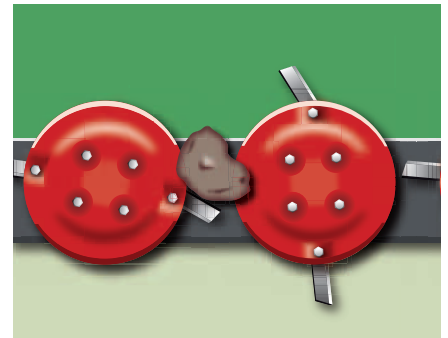
Excellent cutting performance due to slim design of stone guards.



Large overlap of the cutting knives for outstanding cutting performance.



Smooth design of stone guards for improved cutting performance, particularly in laid and difficult crop.



Round discs will immediately reject foreign obstacles. Shock loads on the cutterbar are diminished.



Very high oil capacity for excellent cooling and lubrication.

Fully welded cutterbar with no risk of oil leakage.

Kverneland ProFit
- For Quick Change of Knives

With the Kverneland ProFit quick knife change system, maintenance of the cutting ability is easy. The knives are changed by a simple operation using the special lever - delivered with the ProFit package. The lever is placed around the bolt, the spring is pushed down easily by turning the lever and the knife is ready to be replaced by a new one.

Kverneland ProFit is designed for standard discs and can therefore be fitted on all existing cutterbars.

Safety In Mind

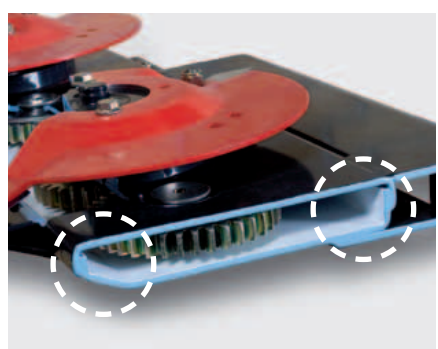
The knives are securely fixed via a spring, which is fitted with the disc on the hub. This minimizes the possibility of grass being caught by the spring and also reduces friction between spring and cutterbar.

When encountering an obstacle, the spring will be pushed upwards, reducing the risk of losing knives.

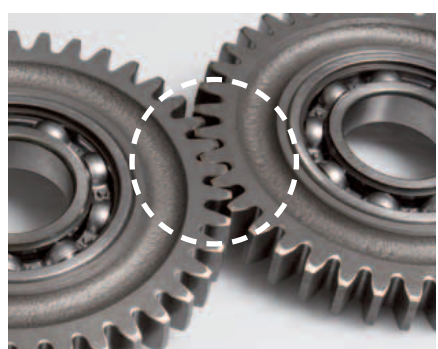


»1,2,3...

PROFIT



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.



The Conditioner with a Little More Bite!

What Makes SemiSwing Stand Out

Utilizing centrifugal force is what makes the Kverneland 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

The Kverneland 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.

Excellent Tine Protection – No Maintenance

When encountering an obstacle, 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.

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.

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.





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.

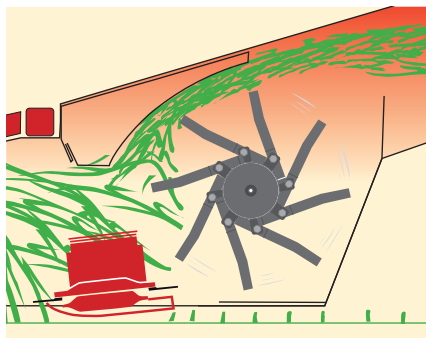
When operating during a dry season it is possible to adjust the speed of the conditioner rotor to save fuel and preserve the crop. All Kverneland mower conditioners offer two conditioner rotor speeds, 600 and 900rpm, which can be easily changed by simply switching the pulleys.



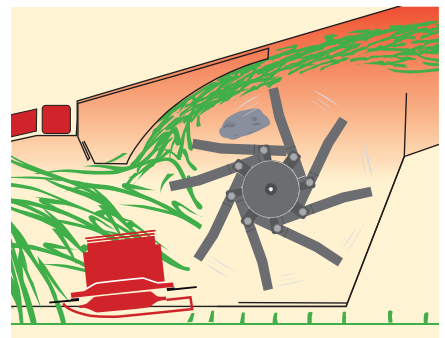
Easy adjustment of conditioning intensity.



Adjustable rotor speed enables fuel saving and preservation of crop.

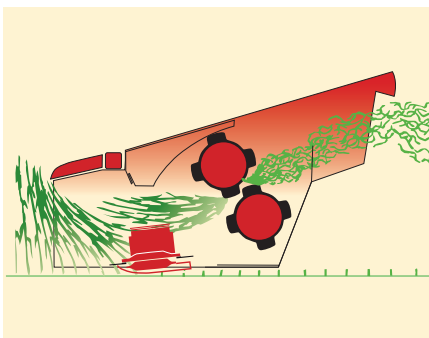


During operation tines will stay in a fixed position, providing full conditioning with minimum wear.



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 Kverneland 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

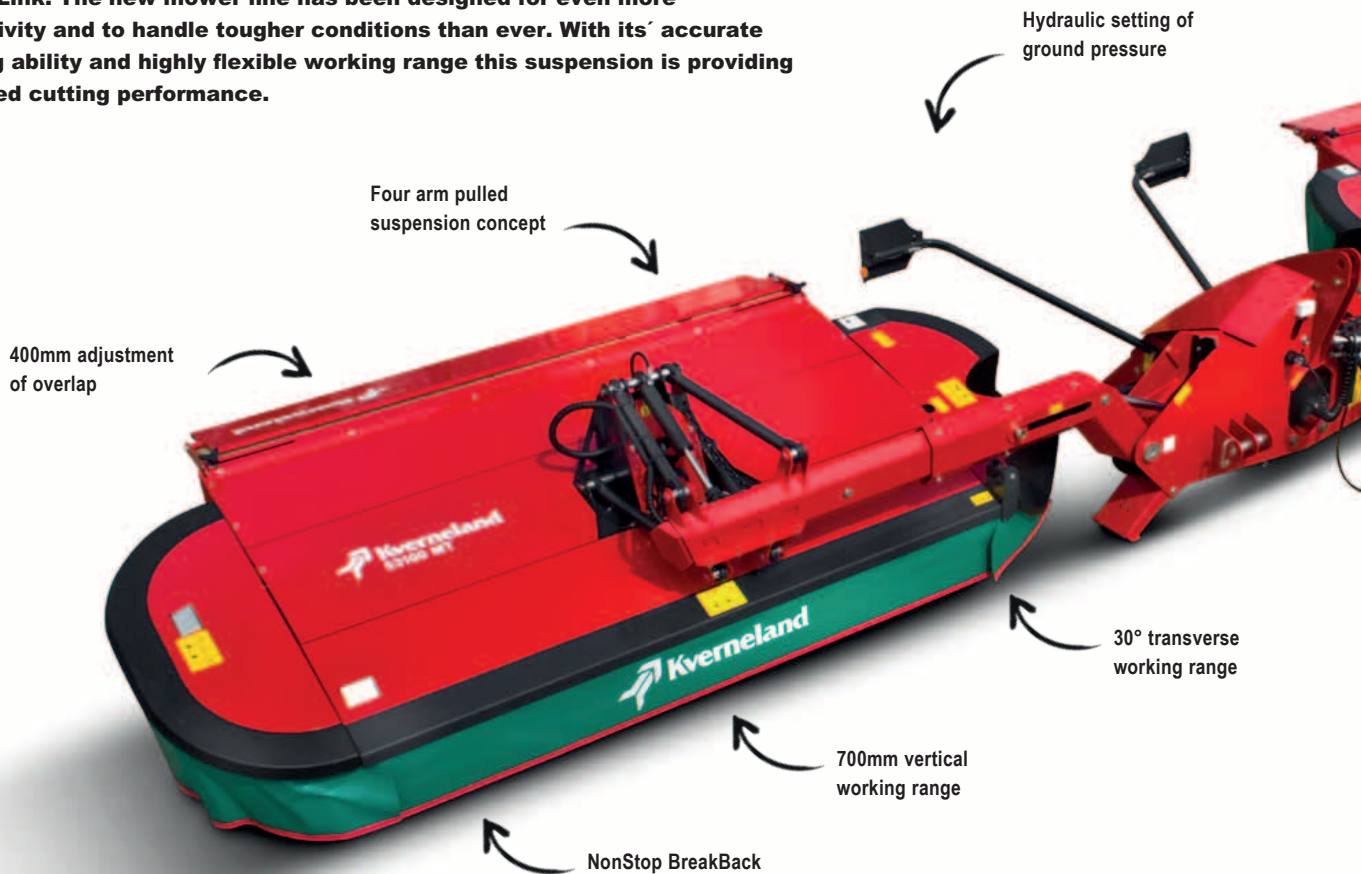
The spring-controlled pressure exerted between the two rollers guarantees uniform conditioning intensity, regardless of the amount of crop passing through the rollers. The required conditioning intensity varies from field to field, which is why it is easily and endlessly adjustable via a handle.



The 225mm diameter rollers 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.

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 mower line 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? Just like the suspension technology found in many race cars 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 new generation mower conditioners are designed to tackle demanding terrains and challenging work days. The mowing pattern is extremely flexible with a total vertical working range of 700mm up and down and a transverse working range of 30°. The four arm suspension concept ensures constant ground pressure and excellent stability 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 these mowers. 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.

Full Width BreakBack Protection

Our NonStop BreakBack 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.



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



Ground pressure of Kverneland 3336 MT Vario is easily set from the tractor seat, hydraulic with an easy to read pressure scale on the mower for clear guidance.



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.

Hydraulic Adjustment of Overlap – Maximize Your Mowing Capacity



Easy and intuitive joystick control of Kverneland 3336 MT Vario.

Efficient Headland Management

These mowers provide 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 means a ground clearance of minimum 500mm across the full working width.

When lowering the mowing unit the carrying arm is tilted back to a level position and the mowing unit 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 Adjust on the Go

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.

400mm Adjustment of Overlap

Kverneland 3336 MT Vario and 53100 MT 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 arm.

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.

Effective Transport Adds to a Productive Day



Below 3.70m Transport Height

The Kverneland 3336 MT Vario folds 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 mower is spread evenly on both rear tyres, with a 50/50% weight balance. This means the tractor in 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 mounting 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 Kverneland 3336 MT Vario 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.

Efficient Grass Management Starts Here



Responding to Ever Changing Conditions

The Kverneland 3336 MT and 53100 MT 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 inspecting discs and knives are all easy and quickly done, taking the hassle out of the daily work optimization.



New FlexProtect sidecovers, rugged and sturdy, yet flexible if bumping into obstacles.



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

*“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 plate is turned 180°. No tools are required. The Kverneland FlipOver solution provides 100% widespreading across the full working width.



Easy to read scale for quick adjustment of overlap.



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. Use the two handles to set the desired conditioning 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 fluffy swaths or 100% widespreading.

This is Where Efficiency Starts



Mow More – Make More

With its 10.20m working width the new Kverneland 53100 MT Vario is geared for productive working days. Come demanding terrains, come long challenging work days – this new mower has been designed to handle tougher conditions. Packed with new innovative features such as the QuattroLink suspension, Vario adjustment of overlap and full width BreakBack protection the 53100 MT 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 efficiently on headlands.



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

Powerful Combinations:

Kverneland 53100 MT Vario + Kverneland 3636 FT: 10.20m working width
Kverneland 53100 MT Vario + Kverneland 3632 FT: 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. There is no need to leave the tractor before heading off, the outer FlexProtect protection guards can hydraulically fold into transport position (optional).



Parking, Safe and Sure-Footed

With the integrated parking device, storage of the 53100 MT Vario 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.

Efficient Suspension Concept Keeps Track of Demanding Field Conditions

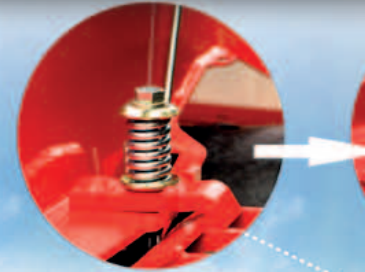
Protection of the Cutterbar

Kverneland 3200 series and 5087 MN are all fitted with the Kverneland 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 Kverneland NonStop BreakBack system automatically returns the cutting unit to its original working position.



Accurate and Simple Suspension

The 3200 series and 5087 MN are fitted with a highly efficient suspension system that includes centre suspended mowing units, efficient spring suspension and NonStop BreakBack. 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

Kverneland 3200 series and 5087 MN 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 positions of cutterbar on suspension for optimal overlap.



Work Smarter on the Go

This feature provides easy and simple setting of ground pressure. 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.



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.

Clever Machines with Professional Characteristics



Compact in Size – Massive in Features

Kverneland offers 4 centre mounted mower conditioners, 3224 MN, 3228 MN, 3228 MR and 3232 MN, in working widths of 2.40, 2.80 and 3.20m. They are fitted with the proven Kverneland cutterbar with slim design for improved cutting performance. The 3200 series offers 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 Kverneland 3228 MR 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 available as option on the machines.



Kverneland 3200 series is folded into a vertical transport position using a hydraulic cylinder.

Vertical 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.

Optimises on Productivity and Profitability



Easy to Operate for More Uptime

The Kverneland 5087 MN 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 3.16m mowing unit, both fitted with 8 triangular discs and nylon tines the Kverneland 5087 MN is geared for productive work days.

The Features that Matters

The Kverneland 5087 MN is packed with features that matters, 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. To ensure optimal overlap between front and rear units, the mowing units can be mounted in two positions on the suspension arm.





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 Kverneland 5087 MN 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.



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



Efficient nylon tine conditioning.



Ample clearance during headland turns.

Adjustments Made Simple!



3132 MT equipped with SemiSwing conditioning.

The Contractor Solution

The 3132 MT is a real contractor solution with its 3.20m working width, and is the ideal mower to operate in combination with a front mounted mower, for a substantial working width of 6.20m at low operating costs.

The heavy duty headstock and centre pivot mowing unit, in combination with a hydraulic suspension, makes this a very solid and professional mowing solution.

Other important features of the 3132 MT include the SemiSwing steel tine conditioning with very limited wear, and hence low operating costs and downtime, and the optional FlipOver widespreading kit that speeds up the wilting process.

Kverneland HydroFloat

The 3132 MT is designed with a hydraulic suspension system, allowing easy setting of ground pressure, to adapt to varying field conditions. This provides the best conditions, for an even cutting height and maximum protection of the stubble. The result is better forage quality, less wear on the mower and reduced fuel consumption.



Centre Pivot Suspension

The centre pivot suspension provides an even weight distribution of the 3132 MT and a uniform ground pressure over the complete 3.20m working width, ensuring good ground contour following.



Hydraulically Suspended

Hydraulic suspension for quick and precise setting of ground pressure to varying ground conditions. The suspension is adjusted from the tractor seat at any time, simplifying setting of the best conditions for an even cutting height and maximum protection of the stubble.



Easy Lift on Headlands

Easy lift on headlands without activating the 3pt linkage of the tractor. The mowing unit is lifted via a cylinder. Turning is simple thanks to sufficient ground clearance.



NonStop BreakBack

If hitting an obstacle, the NonStop Break-Back system will swing the machine backwards and over the obstacle and then return it to the original working position.



The ground pressure can be continuously and quickly adjusted from the tractor seat, even while operating. All you need to do, is activate the hydraulic outlet.



During transport the machine is folded hydraulically to a horizontal position well in behind the tractor, thus minimising transport width.



With the optional FlipOver equipment, changing from swathing to effective widespreading is done in a matter of seconds.

Versatility Exemplified

A Professional Solution

Kverneland 3600 series is characterized by an improved design of the suspension and accurate ground followings. In addition the Kverneland cutterbar, with improved cutting performance, and a

choice of either the SemiSwing steel tine, chevron roller og nylon tine conditioning is fitted onto these machines. The SemiSwing concept is based on high quality steel tines with low wear and high resistance, and has proven to have sig-

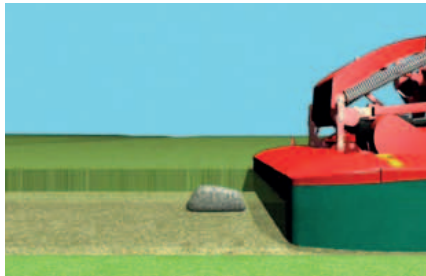
nificantly reduced maintenance costs. In addition these machines are fitted with a variable conditioner rotor speed, to adapt to varying crop conditions - All features making this machine a very professional solution.



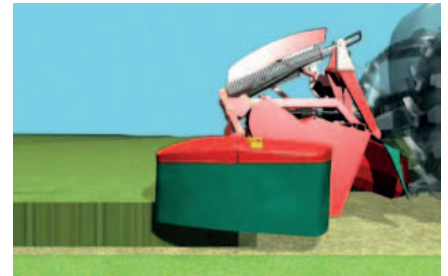
Kverneland 3632 FT
- SemiSwing conditioning offers outstanding conditioning with very low wear.

ActiveLift - Protection of the Cutterbar

The Kverneland ActiveLift system ensures maximum protection of the cutterbar during operation. If hitting a stone or foreign obstacle, a three-fold action takes place simultaneously.



The cutterbar will move back and up, due to the geometry of the suspension.



Tension in the ground pressure springs increases, adding additional lift and the angle of the cutterbar repositions from 4° downwards to horizontal.

Three-Dimensional Adaptation



Suspension springs moved further outwards for better side stability and even ground pressure.



Mower reacts instantly to uneven ground contours and can move 250mm down and 450mm up.



Vertical adaptation of 24° to adjust to uneven fields.



ActiveLift system to protect the cutterbar against foreign obstacles.

The Combination Mower

Kverneland 3600 series machines can be used in combination with a variety of mower conditioners, including the 4300 series, 3200 MN series, 3132 MT and the 5090 MT, or on its' own, making these extremely versatile machines. With a working width of 2.80-3.60m, the capacity of these machines is substantial.

- **Kverneland Cutterbar**
- **SemiSwing, Roller or Nylon Tine Conditioning**
- **Innovative Suspension Design**
- **Kverneland ActiveLift Solution**
- **Variable Conditioner Rotor Speed**



The rollers are manufactured from highly durable polyurethane, enabling both effective, uniform conditioning and long life span.

Chevron Roller Conditioner

Kverneland 3632 FR is equipped with full width chevron rollers, quickly taking the cut crop off the cutting discs and providing gentle and effective conditioning of fragile crops like lucerne/alfalfa, reducing leaf loss to a minimum.

The design of the rollers ensures that the crop is placed in an even, fluffy swath. The conditioning intensity is varied without use of tools, by adjusting the roller pressure exerted between top and bottom roller.

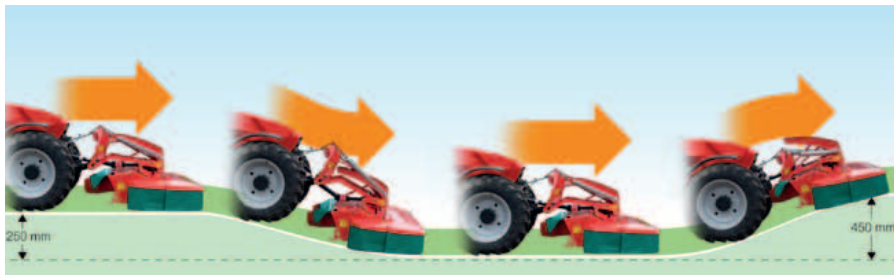
Floating Suspension with Three-Dimensional Adaptation

The suspension design has been redesigned to offer even better flotation and more even ground pressure. 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.

The moving pattern of the machines is extremely flexible, allowing downwards movements of 250mm and upwards of 450mm. In addition an innovative suspension design allows a transverse adaptation of 24°. This ensures excellent adaptation to uneven ground contours and higher reachable speed.

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 excellent overview during transport.



Excellent down- and upwards ground following ability of 250mm and 450mm respectively.



Compact design for good overview during transport and operation.



Foldable sideguards ensure narrow transport width.

The High Performance Solution



High capacity mowing
represented by the 5090 MT
with a massive 9.00m working width.

9.00m Working Width

Kverneland offers a top-of-the-line mower conditioner combination with a 9.00m working width. It consists of a Kverneland 3632 FT or 3636 FT front mounted mower conditioner with 3.20m or 3.60m working width and two rear-mounted 3.20m mower conditioner units. There is no need for a special reverse drive tractor, as the Kverneland 5090 MT fits perfectly on a normal tractor with front and rear linkage.

When using 3636 FT in the combination an ample overlap is available in all conditions, also in hilly conditions, which lessens the need for SideShift equipment.

Excellent Manoeuvrability

The design of the Kverneland 5090 MT, with a tractor in the middle, ensures perfect manoeuvrability and the best possible weight distribution of the entire combina-

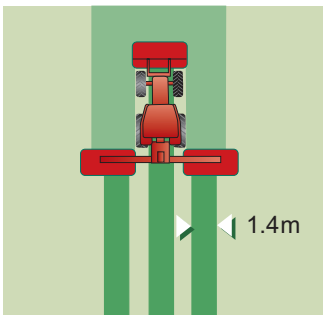
tion. This minimises wear on the tractor and ensures excellent manoeuvrability in the field.

Each mowing unit adapts independently to ground contours, ensuring trouble-free flotation of the entire machine.

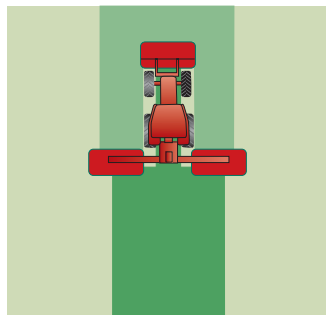
- 9.00m Working Width
- SemiSwing Conditioning
- Fully ISOBUS Compatible
- Individual Control Of Mowing Units
- Centre Pivot Suspension
- BX Auto-Swather Belts
- 4 Different Output Options



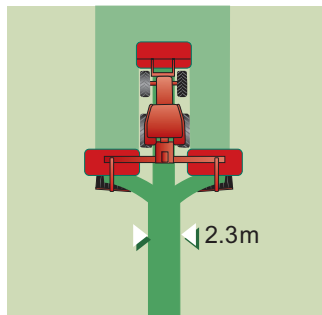
Three single swaths



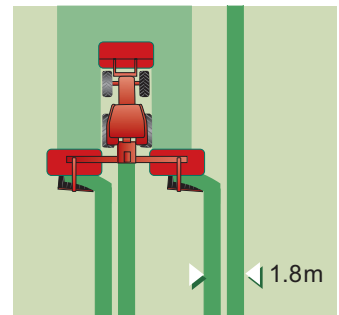
100% widespreading



Tripple swath



Two by two



Flexible Solution

Kverneland 5090 MT is the most flexible mower conditioner solution on the market. It can be equipped with widespreading equipment and the Kverneland BX Auto-Swather solution to ensure outstanding flexibility. It is easy to change between the different configurations, and conversion is very quick.

4 Different Output

Kverneland 5090 MT can be set for three single swaths, widespreading or three swaths into one with the Kverneland BX-Belt. An extra feature is the fact that the right belt can run in two directions, meaning that the Kverneland 5090 MT will place grass from 6.00m into one swath.

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.



Each mowing unit can be individually controlled from the tractor cabin, allowing the combination to mow with only one or two units if required.



Despite its' giant size, turning on headlands is very easy with the Kverneland 5090 MT. Each mower unit can be raised by pushing a single button on the control box.



When not in use the optional Kverneland BX-belt is raised hydraulically to a position above the mowing units. All you need to do is to push the button on the control box to change the configurations.

Unique Suspension



Even Flotation of the Machine

The 5090 MT and 5090 MT BX are 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.

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.

Kverneland NonStop BreakBack System

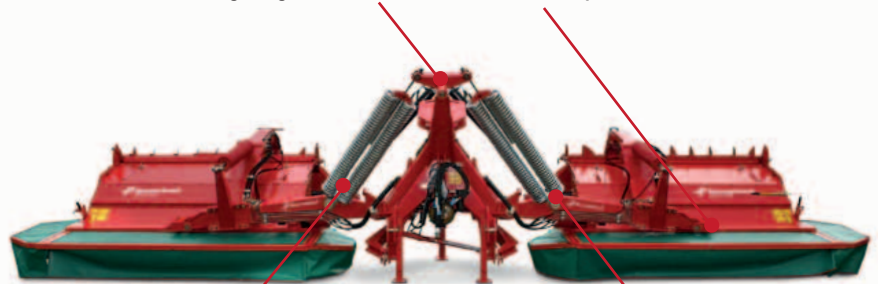
The mowing units are also fitted with the Kverneland NonStop BreakBack system that will protect the cutterbar from stones and foreign obstacles. If hitting an obstacle the NonStop BreakBack system will swing the involved mower unit backwards and over the obstacle and then return it to the original working position. If the Taarup 5090 MT is fitted with BX-Auto-Swather the belts will automatically swing back with the mower unit, ensuring no interference with the mowers.

Excellent Suspension

A balancing weight arm has been added to ensure 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.

Balancing Weight Arm

Centre Suspension



Heavy Duty Suspension Springs

Kverneland BreakBack system



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



The Kverneland NonStop BX-Belt system, with individual BreakBack of each rear mower.



Three in one, 9.00m grass into one swath.

The Belt for Outstanding Performance



Individual Suspension

The patented (patent applied for) individual suspension of the two Kverneland BX-Belts reduces shock load on the mainframe together with the patented Kverneland automatic BreakBack 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 Kverneland BX-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). A unique and simple solution with several advantages.

- Fewer moveable parts, ensuring less wear and maintenance.
- Better flotation of the entire machine.
- Even swath formation under all conditions.

Suited For All Conditions

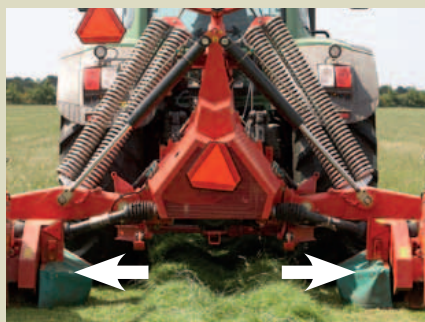
The BX-Belt is capable of placing crop from either 6.00m or 9.00m into a single swath. The right hand belt can run both left and right, giving the option of placing three swaths into one, or in a two by two formation.



Kverneland SideShift

To improve working results in hilly conditions, Kverneland offers a hydraulic SideShift system that improves the overlap between the rear mowing units and the front mower.

The SideShift moves the entire moving combination 15cm to either side. This improves the overlap of the moving units, leading to less striping.



Kverneland hydraulic SideShift system.

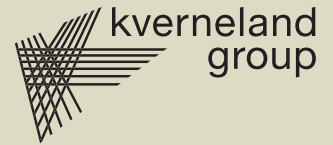
Technical Specifications

Models	REAR MOUNTED MOWER CONDITIONERS					
	3224 MN	3228 MN	3228 MR	3232 MN	3132 MT	3336 MT Vario
Working width (m)	2.40	2.81	2.81	3.16	3.16	3.57
Working width (ft)	7'10"	9'3"	9'3"	10'4"	10'4"	11'9"
Transport width (m)	1.90	2.10	2.10	2.30	2.40	3.00
Transport width (ft)	6'3"	6'11"	6'11"	7'6"	7'10"	9'10"
Weight, total (kg)	905	1015	1280	1090	1218	1444
Weight, total (lbs)	1995	2238	2820	2403	2685	3183
-, rear mower units, app. (kg)	-	-	-	-	-	-
-, rear mower units, app. (lbs)	-	-	-	-	-	-
-, BX-equipment, app. (kg)	-	-	-	-	-	-
-, BX-equipment, app. (lbs)	-	-	-	-	-	-
Number of discs	6	7	7	8	8	9
Disc (rpm)	3000	3000	3000	3000	3000	3000
Stubble height (mm)	30-60	30-60	30-60	30-60	30-60	30-60
Conditioner, Nylon	•	•		•		
Conditioner, SemiSwing					•	•
Conditioner, Roller Conditioner			•			
Conditioner rotor speed (rpm)	900/600	900/600	900	900/600	900/600	1000/700
Power requirement, min. (kW/hp)	50/70	55/80	60/85	60/85	55/80	90/120
PTO, (540/1000rpm)	•	•	•	•		
PTO, (1000rpm)					•	•
PTO Shaft, overrun/friction clutch	•	•	•	•	•	•
Number of hydraulic outlets	1D	1D	1D	1D	1S + 1D	2D
-, lift on front-mount./control box	-	-	-	-	-	-
Optional Equipment						
High Skids 20 / 40 / 80 mm	o / o / o	o / o / o	o / o / o	o / o / o	o / o / o	o / o / o
FlipOver Widespreading	-	-	-	-	o	o
Spreading Vanes	o	o	o	o	-	-
Lighting Kit	o	o	o	o	o	o
Kit, Hydraulic Adjustment of Ground Pressure	o	o	o	o	-	-
Throwing Wings for Difficult Crop	o	o	o	o	o	o
ProFit - Quick Change of Blades	o	o	o	o	o	o
Reduced Conditioner Speed Kit	-	-	-	-	o	-
Hydraulically Foldable Side Guards	-	-	-	-	-	o
* Incl. 3632 FT ** Incl 3632 FN *** Front and Rear PTO						

• = Standard o = Optional

FRONT MOUNTED MOWER CONDITIONERS							TRIPPLE MOWER CONDITIONERS			
3628 FT	3628 FN	3632 FT	3632 FR	3632 FN	3636 FT	3636 FR	5087 MN	5090 MT	5090 MT BX	53100 MT Vario
2.18	2.81	3.16	3.16	3.16	3.57	3.57	8.70	9.00	9.00	9.80-10.20
9'3"	9'3"	10'4"	10'4"	10'4"	11'9"	11'9"	28'7"	29'6"	29'6"	32'2"-33'5"
2.70	2.70	3.00	3.00	3.00	3.40	3.40	3.00	3.00	3.00	2.90
8'10"	8'10"	9'10"	9'10"	9'10"	11'2"	11'2"	9'10"	9'10"	9'10"	9'6"
1145	1147	1205	1305	1232	1326	1426	3361**	4421*	5446*	4005*
2524	2529	2657	2878	2717	2923	3144	7410**	9747*	12006*	8830*
-	-	-	-	-	-	-	2129	3216	3216	2800
-	-	-	-	-	-	-	4694	7090	7090	6173
-	-	-	-	-	-	-	-	-	1025	-
-	-	-	-	-	-	-	-	-	2290	-
7	7	8	8	8	9	9	16 (2x8)	16 (2x8)	16 (2x8)	18 (2x9)
3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
30-60	30-60	30-60	30-60	30-60	30-60	30-60	30-60	30-60	30-60	30-60
•				•			•			
•		•			•			•	•	•
			•			•				
900/600	900/600	900/600	900	900/600	900/600	900	900/600	900/600	900/600	1000/700
50/70	55/80	55/80	60/85	60/85	67/90	67/90	110/150	147/200	155/210	150/200
•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	LS
1S	1S	1S	1S	1S	1S	1S	2D	1D + 1S	1D + 1S	LS
-	-	-	-	-	-	-	-	•	•	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
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Kverneland Group

Kverneland Group is a leading international company developing, producing and distributing agricultural machinery and services.

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.



Original Spare Parts


Kverneland Group spare parts are designed to give reliable, safe and optimal machinery performance - whilst ensuring a low cost life-cycle. High quality standards are achieved by using innovative production methods and patented processes in all our production sites.

Kverneland Group has a very professional network of partners to support you with service, technical knowledge and genuine parts. To assist our partners, we provide high quality spare parts and an efficient spare parts distribution worldwide.



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