

# DISCMASTER



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DEUTZ-FAHR  
DiscMaster 600 - 900





# DISCMASTER MOWER CONDITIONERS.



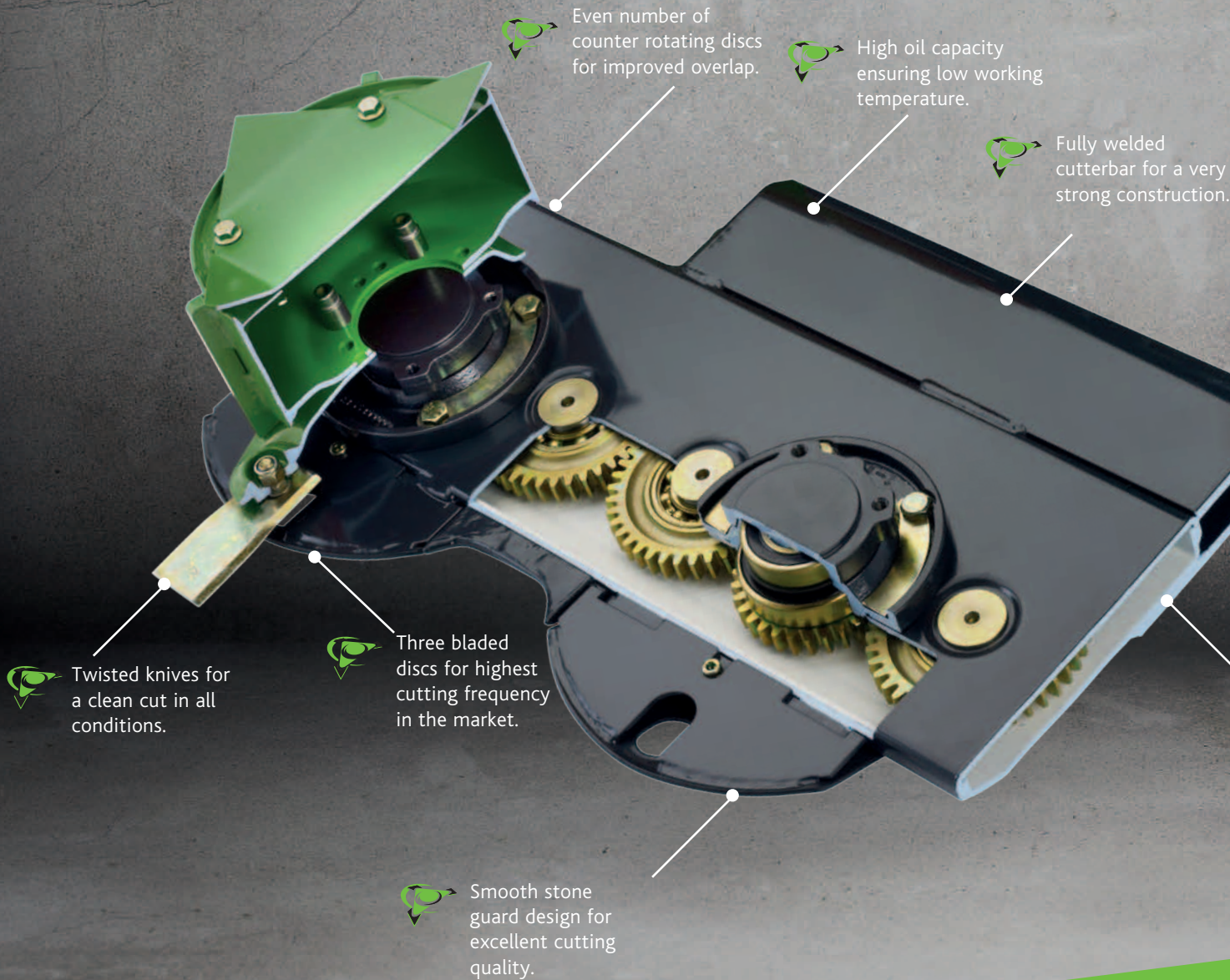
FlexProtect.

#### WHY DISCMASTER?

- Triangular discs with 3 blades.
- 3-in-1 solution on DiscMaster 900 range with wide spreading or swath belt.
- Durable SemiSwing steel tine conditioner for maximum conditioning effect and excellent protection of the tines.
- Gentle, but effective, roller conditioning.
- Low weight nylon tine conditioner.

#### FLEXPROTECT.

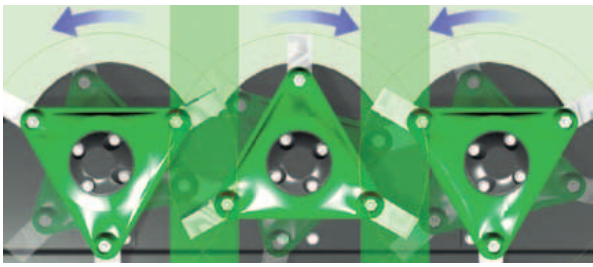
Gone are the days where the side covers were seriously damaged by hitting even smaller obstacles in the field. The DiscMaster FlexProtect side covers are made of polythene – a very flexible material that breaks away when hitting obstacles without breaking or leaving damages to the mower.



# COUNTER ROTATING THREE BLADED DISCS.

*THREE BLADES PER DISC DISCMASTER 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.*

## DEUTZ-FAHR CHARACTERISTICS.



Deutz-Fahr's counter rotating three bladed discs provide a wider overlap...



... on each disc compared to solutions with uneven number of discs.

Low noise level thanks to specially tooled gear wheels.

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



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.**  
All Deutz-Fahr 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 level thanks to specially tooled gear wheels with round design and long teeth for efficient power transmission.



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

### 'EXPRESS' QUICK CHANGE OF KNIVES.

All DiscMaster mowers can be fitted with the 'Express' system for quick changing of knives. The system can also be retro-fitted on any DiscMaster model.



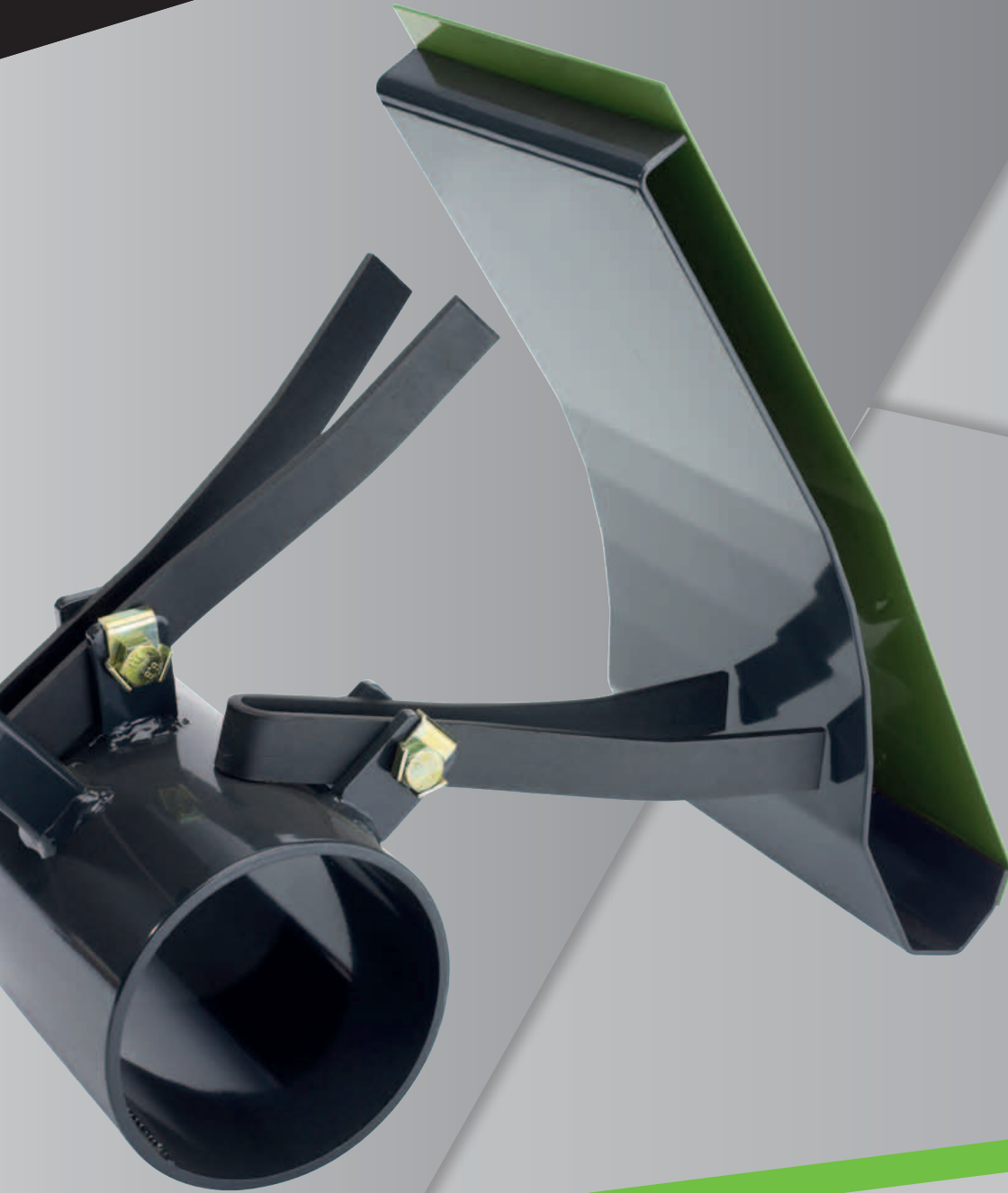
'Express' quick change of knives.

### LOW NOISE CUTTERBAR.

The DiscMaster 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.

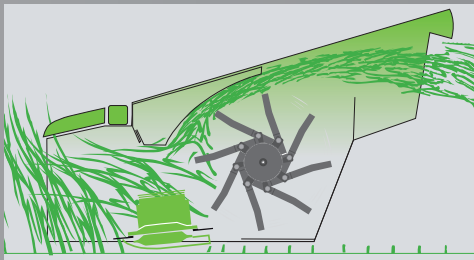
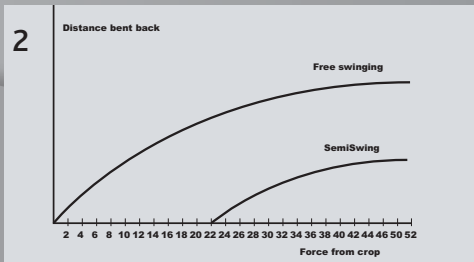
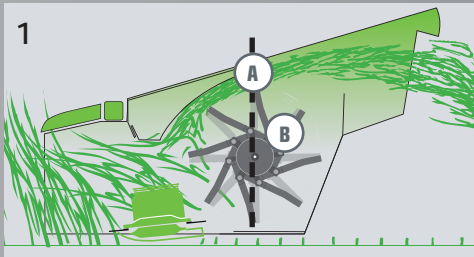
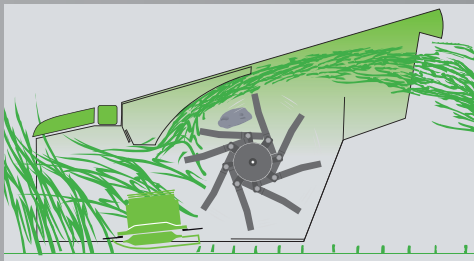
### HEAVY DUTY CUTTERBAR.

The DiscMaster 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 a very high level of durability.



# SEMISWING STEEL TINE CONDITIONER.

THE DEUTZ-FAHR STEEL TINE CONDITIONER OFFERS A COMPLETELY NEW SOLUTION WHEN IT COMES TO AGGRESSIVE CONDITIONING AND LOW MAINTENANCE. IT IS THE RESULT OF THOROUGH TESTING AND ENGINEERING WORK THAT ALLOWS YOU TO ACHIEVE AN AGGRESSIVE CONDITIONING.



## CONDITIONER.



The conditioner plate has 3 different settings to enable you to achieve the required conditioning effect.



The special roller configuration with the top roller located further forward than the bottom roller provides a better flow of material.

### EXCELLENT PROTECTION OF THE TINES.

During normal operation the tines are fixed for effective conditioning, but if a SemiSwing tine comes into contact with an obstacle, force will exceed 22kg(48.5lbs) and it will spring back and leave a generous space for the obstacles up to 103mm to pass.

### FULL CONDITIONING EFFECT AND MINIMUM BLOCKAGES.

The angle and position of the SemiSwing tines give a better crop transport. The crop is moved away from the conditioner rotor towards the conditioner plate. The result is reduced risk of blockages and full effect of the conditioner plate.

### ROLLER CONDITIONING – GENTLE CONDITIONING OF FRAGILE CROP.

The roller specification machines are equipped with two chevron profiled conditioning rollers. The rollers are the same width as the cutterbar and counter rotate, quickly transferring the cut crop from the cutting discs in between the rollers. The rollers provide gentle, yet effective conditioning of fragile crops such as lucerne/alfalfa, keeping leaf loss to an absolute minimum. Conditioning intensity is varied by adjusting the minimum gap and the spring pressure exerted between the upper and lower rollers.

### WHAT MAKES THE SEMISWINGCONCEPT UNIQUE.

- A. During rotation a free swinging tine will always be positioned in a straight line from the rotor (A), releasing all centrifugal force during rotation. SemiSwing tines, due to their restricted movement pattern (B), are designed to encapsulate part of the centrifugal force, and utilise it to keep the tine in position during rotation. The benefits are no movement during rotation and full conditioning effect.
- B. The intrinsic force added to each tine can be translated into a force of 22kg(48.5lbs). This is the weight required to move a SemiSwing tine backwards when rotating. A free swinging tine will move slightly backwards as soon as it hits the crop. So the force required to move a SemiSwing tine backwards, is significantly higher than with traditional tines, ensuring a much more effective conditioning.



| DISCMASTER 900 |

# TOUGH AND RELIABLE.

## TRAILED MOWER CONDITIONERS.

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

## READY FOR ANY 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.





#### DEUTZ-FAHR SUSPENSION FOR CLEAN CUTTING.

The DiscMaster 900 series machines are engineered with the unique Deutz-Fahr 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. A simple crank adjusts the whole cutterbar assembly up or down to a desired stubble height. Additional skids are available to increase cutting height.

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



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



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



Easy adjustment of stubble height.



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





| DISCMASTER 900 |

# EXCELLENT PROTECTION.

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.

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.



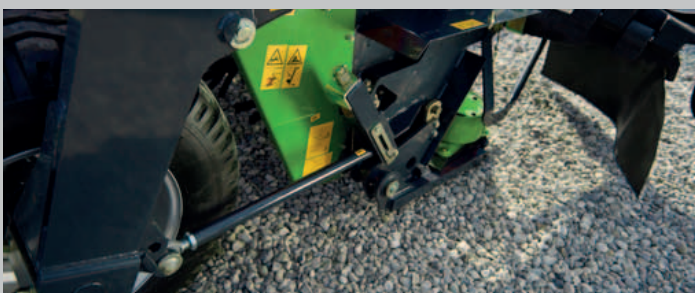
The DiscMaster 900, fitted with the versatile swath belt, allows you to place two swaths together.



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

#### 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.



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

#### SWATHING OR WIDE SPREADING.

The DiscMaster 900 series can be fitted with a versatile swath belt to place two swaths into one. In this way the large swaths 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 swaths 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.

#### EASY-TO-USE WIDE SPREADING KIT.

The DiscMaster 900 series can be fitted with an easy-to-use wide spreading 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.



Setting DiscMaster 900 series mowers for wide spreading is very simple. Simply turn the rear plate 180°.



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



| DISCMaster 690T |

# THE HIGH PERFORMANCE SOLUTION.

## DEUTZ-FAHR SWATH BELTS.



The Deutz-Fahr swath belts are individually suspended to offer an even swath formation.

### INDIVIDUAL SUSPENSION.

The individual suspension of the two Deutz-Fahr swath belts reduces shock load on the mainframe together with the patented Deutz-Fahr automatic Break-Away system. A unique and simple solution with only a few moveable parts, ensuring less wear and maintenance and not least a better flotation of the entire machine. The 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).



If wide spreading is chosen, cut crop will be evenly spread across the complete 9m working width.



NonStop BreakAway - Automatic protection of cutterbar and machine.



Each mowing unit is controlled individually from the tractor cab, which makes mowing with just one or two units possible.

### 9M WORKING WIDTH.

Deutz-Fahr offers a top-of-the-line mower conditioner combination with 9.00m working width. It consists of a DiscMaster 632FT front mounted mower conditioner with 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 DiscMaster 690T fits perfectly on a normal tractor with front and rear linkage.

### FLEXIBLE SOLUTION.

The DiscMaster 690T is an extremely flexible machine. It can be perform either full width wide spreading or lay different swath options, guaranteeing highest possible degree of flexibility. Changing between wide spreading and swathing is very intuitive and easy to do.

### EXCELLENT ADAPTATION.

The design of the DiscMaster 690T, 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.

### DEUTZ-FAHR SWATH BELT.

The highly flexible swath belt solution is available for DiscMaster 690T. 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.

Depending on crop conditions and to allow the swath to be customised according to the item of machinery following, the beltspeed 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 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.

### DEUTZ-FAHR BREAK-AWAY SYSTEM.

The mowing units are also fitted with the Deutz-Fahr 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 DiscMaster 690T is fitted with the swath belt solution, the belts will automatically swing back with the mower unit, ensuring no interference with the mowers.



| DISCMASTER 690T |

# OUTSTANDING GROUND FOLLOWING.

## 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.



#### DISCMASTER 690T GOES ISOBUS.

The DiscMaster 690T is available with ISOBUS control, where control and operation is designed around the tractor driver, adding maximum support and convenience during the intensive grass season. New intuitive joystick control ensures excellent control and comfort. By adding the new ISOBUS feature it can be controlled directly by ISOBUS compatible tractors without the need for a separate terminal.

All functions, such as raising/lowering of the swath belt, belt speed, conversion for transport, SideShift of the rear mowing units and lift on headlands is controlled from the joystick. The hour counter helps tracking and documenting working hours and the PTO alarm is activated if the PTO speed is too high or too low.

#### 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.

#### EXCELLENT FLOTATION.

The DiscMaster 690T 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.

#### JOYSTICK CONTROL AT YOUR FINGERTIPS.

Operation of the DiscMaster 690T is designed to give the tractor driver maximum support and comfort. All main functions can be transferred

to the new Kverneland Group Joystick. This joystick comes in a compact size, making it easy to place right next to the operator, so it is ergonomically well positioned for long days of operation. A small screen integrated into the joystick always keeps the tractor driver informed about the chosen operation.

Even more conveniently the control functions can be directly transferred to the joystick of the tractor if available. By using the joystick of the tractor both mower and tractor can be operated by the same lever, adding considerable comfort to the tractor driver during a long and busy working day. Constant switching between different controls is completely eliminated.

#### AUTOMATIC HEADLAND CONTROL.

In addition the DiscMaster 690T offers the Auto Headland Control system. In this way lifting and lowering of all mowing units on headlands is activated by one click. The front mower unit is lifted or lowered when the button is touched and the rear sections are lifted or lowered with a predefined time or metre delay, ensuring that the tractor driver can keep full focus on turning on headlands.



| DISCMaster 628FT-632FT-632FR |

# THREE-DIMENSIONAL ADAPTATION.

MACHINES FOR PROFESSIONALS.

The DiscMaster 628FT, 632FT and 632FR 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 DiscMaster cutterbar, with low noise level and fully welded cutterbar housing has also been fitted onto these models.



### THE COMBINATION MOWER.

DiscMaster 600 front mounted models can be used in combination with a variety of mower conditioners, including the DiscMaster 900 series, DiscMaster 632T Pro and DiscMaster 690T, or on its own, making this an extremely versatile machine. With a working widths of 2.80 and 3.20m, the capacity of the machines is substantial.



Mower combination with a working width of 6.2m.

### EASY OPERATION.

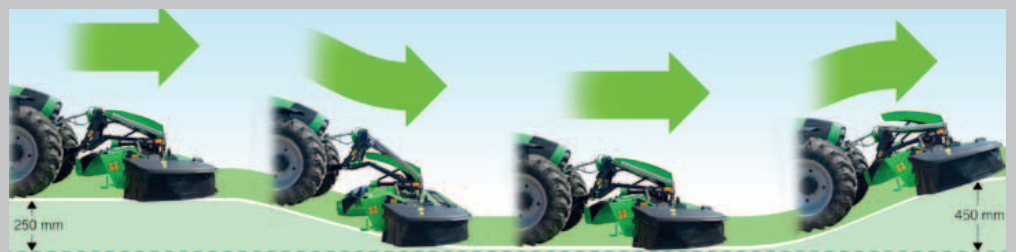
Substantial efforts have been made to make daily operation as easy as possible. The clever design of the suspension creates an undisturbed view of the entire mowing area and an excellent overview during transport. A clearance of 350mm is achieved during transport and headland turns.

### SUPERIOR SUSPENSION PROTECTING GROUND AND MACHINE.

Due to the redesigned suspension of the DiscMaster 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 adaptation of 24°. This ensures excellent adaptation to uneven ground contours and higher reachable speed when mowing.

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



The innovative suspension allows a transverse adaptation of 24°.



DiscMaster 632FT with a transport width of 3.0m.



Compact design for excellent view during operation.

### SEMI SWING – 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.

### NONSTOP BREAKAWAY.

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



DiscMaster 632T Farmer.

| DISCMASTER 624T-628T-628R-632T Farmer |

# CLEVER, PROFESSIONAL MACHINES.

Deutz-Fahr offers centre new centre mounted mower conditioners, DiscMaster 624T, 628T, 628R and 632T Farmer, in working widths of 2.40, 2.80 and 3.20m. They are fitted with the DiscMaster cutterbar with slim design for improved cutting performance.

The mowing units are suspended in the centre of gravity via a large suspension spring. This design provides an even weight distribution across the entire mowing width, as well as a constant, faster and more precise adaptation to ground contours. The benefit is less skid wear, optimum protection of the stubble and less fuel consumption.

#### WORK SMARTER ON THE GO.

This feature provides easy and simple setting of ground pressure on the DiscMaster 624T, 628T and 632T Farmer. 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.



Effective 600/900 rpm nylon tine conditioning.



Quick change from swathing to wide spreading.



540/1000 rpm adjustable gearbox as standard.

#### 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!

#### EASY ADAPTATION TO VARYING CROP CONDITIONS.

DiscMaster 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.

#### PROTECTION OF THE CUTTERBAR.

To offer maximum protection of the cutterbar, these machines are fitted with the NonStop BreakAway system. When encountering an obstacle, the NonStop BreakAway system will swing the machine backwards and over the obstacle and then return it to the original working position.

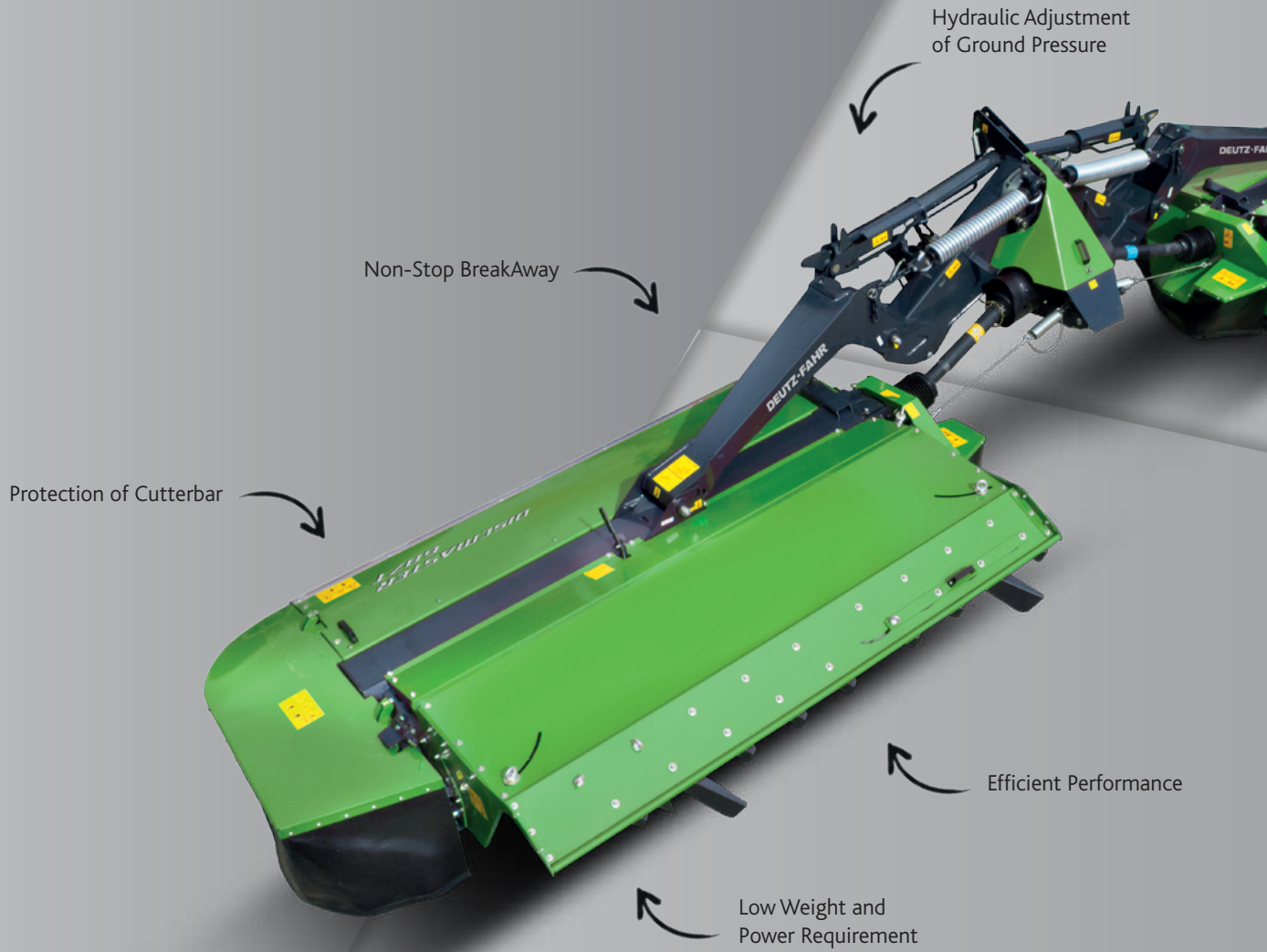
#### TURNABLE GEARBOX SPEED.

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 1000 rpm. It requires no additional accessory. All that is needed is to turn the main gearbox on the suspension 180°.

#### CLEVER TRANSPORT SOLUTION.

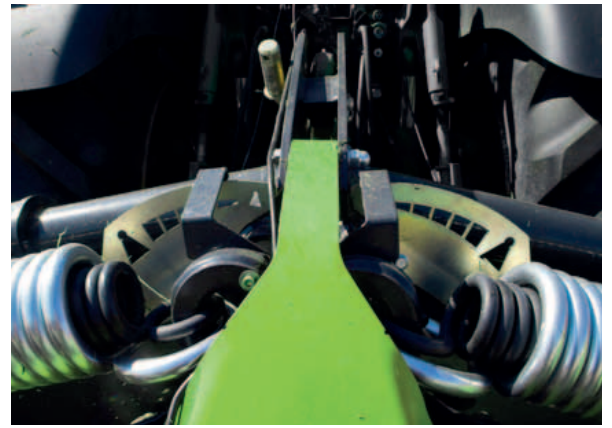
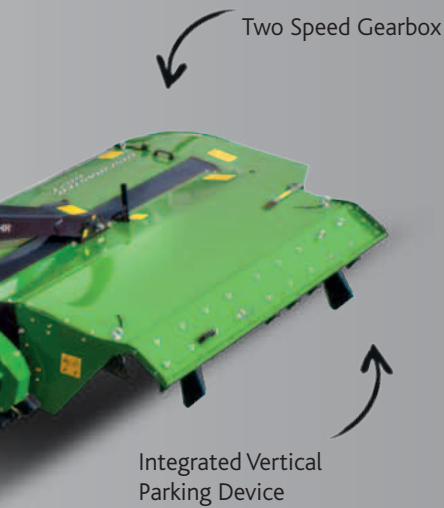
The low gravity point during transport, with the weight of the mower close to the tractor, provides an excellent weight distribution, even during high speed road transport, and the machine is fixed by the hydraulic lifting arm. In addition transport height is limited, so passing through narrow gateways 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.



| DISCMASTER 687T |

OPTIMISES ON  
PRODUCTIVITY AND  
PROFITABILITY.



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



Efficient nylon tine conditioner.

#### EASY TO OPERATE FOR MORE UPTIME.

The DiscMaster 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 DiscMaster 687T is geared for productive work days.

#### THE FEATURES THAT MATTERS.

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

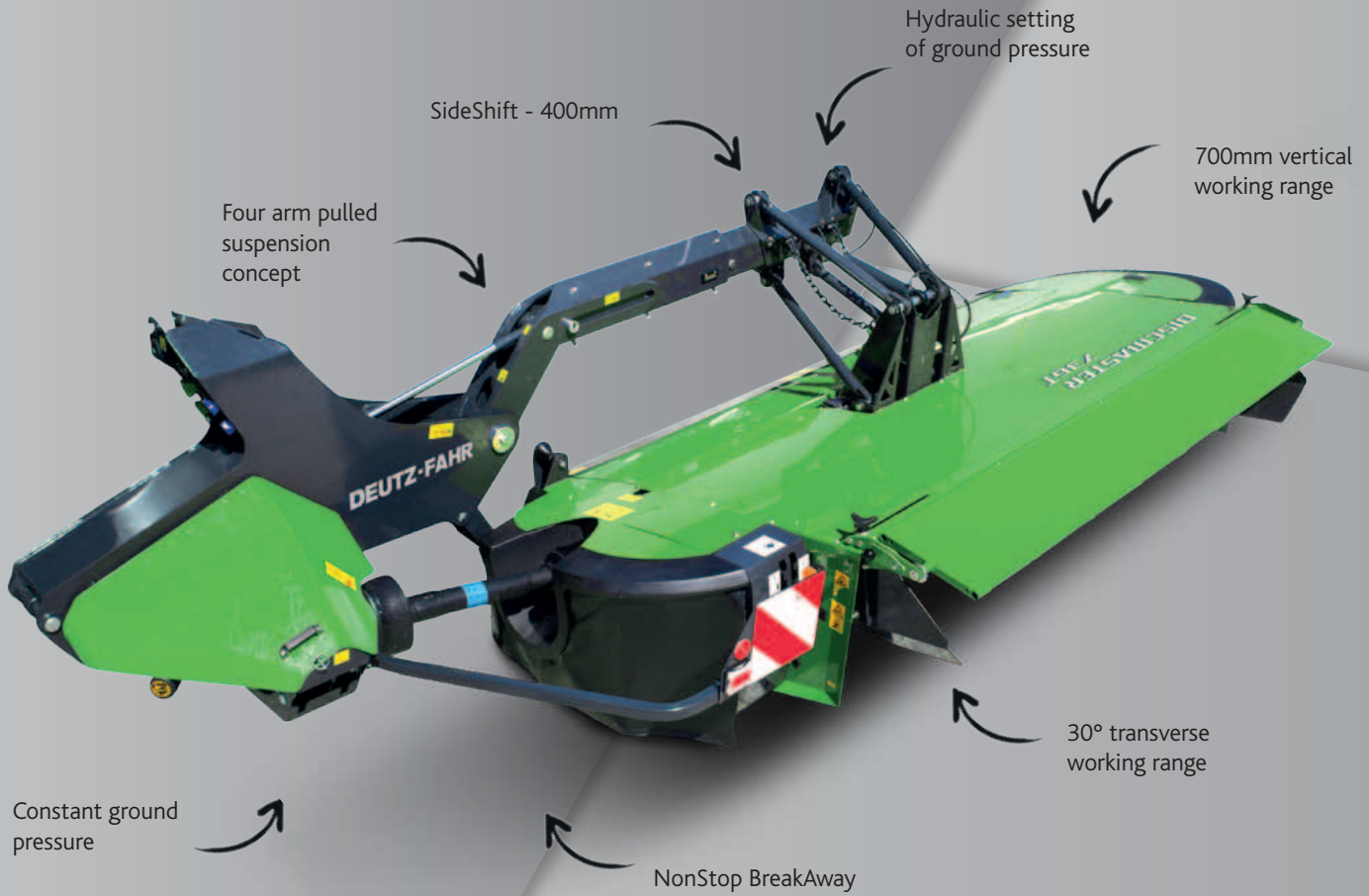
#### VERTICAL TRANSPORT POSITION.

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 DiscMaster 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 4m.



| DISCMASTER 736T VARIO |

QUATTROLINK - RACE CAR  
SUSPENSION APPLIED FOR  
MOWER CONDITIONER.

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 DiscMaster 736T VARIO 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 GROUND FOLLOWINGS.

The DiscMaster 736T Vario is 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 4 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 the DiscMaster 736T Vario. 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.

FULL WIDTH BREAKAWAY PROTECTION.

Our Non-Stop 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



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°.



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.

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.

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





| DISCMASTER 736T VARIO |

# VARIO MEANS ADJUST ON THE GO.

## HYDRAULIC ADJUSTMENT OF OVERLAP.

DiscMaster 736T Vario is fitted with hydraulic SideShift integrated into the carrying arm allowing each mowing units 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.





Minimum 500mm ground clearance across the complete mowing unit during headland turns.



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.

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.

**PARKING, SAFE AND SURE-FOOTED.**

With the integrated parking device, storage of the mower 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 4m.

**BELOW 3.70M TRANSPORT HEIGHT.**

The DiscMaster 736T 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 to leave the tractor before heading off, the right hand protection guard hydraulically folds into transport position.

**EVEN WEIGHT BALANCE FOR HIGH SPEED TRANSPORT.**

The complete weight of the DiscMaster 736T Vario 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.



| DISCMASTER 736T VARIO |

EFFICIENT GRASS  
MANAGEMENT STARTS HERE.



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

#### RESPONDING TO EVER CHANGING CONDITIONS.

The DiscMaster 736T Vario 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 wide spreading and inspecting discs and knives are all easy and quickly done, taking the hassle out of the daily work optimization.

#### SWATH PLATES AUTOMATICALLY EXPAND.

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

#### EASY CHANGEOVER FOR WIDE SPREADING.

Changing from swathing to wide spreading is virtually a one minute job. The swath plates are easily slided to the side and the FlipOver wide spreading plate is turned 180°. No tools are required. The FlipOver solution provides 100% wide spreading across the full working width.



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



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



Changing from swathing to widespreading is virtually a one minute job. The swath plates are easily slided to the side and the FlipOver widespreading vanes are turned 180°.



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% wide spreading.



DiscMaster 632T Pro is factory fitted with wide spreading equipment.



| DISCMASTER 632T Pro |

PULLED SUSPENSION  
FOR EXCELLENT  
GROUND ADAPTATION!





#### A NEW STANDARD IN THE HIGH PERFORMANCE SEGMENT.

The pulled suspension of the DiscMaster 632T Pro is know-how of Deutz-Fahr transferred to mounted disc mowers - a standard for ground flotation normally only seen on trailed versions. With its 3.2m 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 6.2m.

#### EASY TO WORK WITH.

The DiscMaster 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.

#### TWO-SPEED GEARBOX.

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



Hydraulic suspension for easy and precise setting of ground pressure.



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



The left hand side swath plate can be adjusted hydraulically from the tractor cabin (option).



The complete end of the mower can be lifted to give easy access to the conditioner.



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



The mown crop is moved away from the ditch, making it very easy to collect afterwards.



# SAFE TRANSPORT.

## TRANSPORT.

The DiscMaster 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.

TECHNICAL SPECIFICATIONS	DISCMASTER								
	624T	628T	628R	632T FARMER	632T PRO	628FT	632FT	632FR	
Drawbar	-	-	-	-	-	-	-	-	-
Conditioner	Nylon	Nylon	Roller	Nylon	SemiSwing	SemiSwing	SemiSwing	Roller	
<b>DIMENSIONS AND WEIGHT</b>									
Working Width	m	2.40	2.80	2.80	3.20	3.20	2.80	3.20	3.20
Transport Width	m	1.90	2.10	2.10	2.30	2.25	2.70	3.00	3.00
Weight	kg	905	1025	1280	1090	1215	1152	1232	1305
<b>DISCS</b>									
Number of Discs		6	8	8	8	8	8	8	8
Stubble Height	mm	20-50	20-50	20-50	20-50	20-50	20-50	20-50	20-50
PTO	RPM	540/1000	540/1000	1000	540/1000	540/1000	1000	1000	1000
<b>DRIVE</b>									
Power Requirement	kW/PS	50/70	55/75	60/80	66/90	65/90	50/70	60/80	60/80
Cond. Rotor Speed	RPM	600/900	600/900	900/600	600/900	600/900	600/900	600/900	900
Tyres		-	-	-	-	-	-	-	-
<b>OPTIONAL EQUIPMENT</b>									
Wide Spreading		●	●	●	●	●	-	-	-
Swath Belt		-	-	-	-	-	-	-	-
● = Standard ○ = Optional - = Not Available									


TECHNICAL SPECIFICATIONS	DISCMASTER						
	687T	690T	736T VARIO	932T	932R		
Drawbar	-	-	-	Left Hand	Left Hand		
Conditioner	Nylon	SemiSwing	SemiSwing	SemiSwing	Roller Con.		
<b>DIMENSIONS AND WEIGHT</b>							
Working Width	m	8.75	9.00	3.60	3.20	3.20	
Transport Width	m	3.00	3.00	3.00	3.00	3.00	
Weight	kg	2129	3216	1484	1972	2061	
<b>DISCS</b>							
Number of Discs		16 (2x8)	16 (2x8)	10	8	8	
Stubble Height	mm	20-50	20-50	20-50	20-50	20-50	
PTO	RPM	1000	1000	1000	540/1000	540/1000	
<b>DRIVE</b>							
Power Requirement	kW/PS	110/150	147/200	90/120	60/80	60/80	
Cond. Rotor Speed	RPM	600/900	600/900	100/700	900/600	900/600	
Tyres		-	-	-	380/55-17	380/55-17	
<b>OPTIONAL EQUIPMENT</b>							
Wide Spreading		○	○	○	○	○	
Swath Belt		-	○	-	○	○	
● = Standard ○ = Optional - = Not Available							

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Dealer

Deutz-Fahr recommends the use of original lubricants and coolants.



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