



For Earth, For Life
Kubota

DMC

KUBOTA DISC MOWERS
DMC6000/DMC7000/
DMC8000/DMC8500

Mounted and trailed disc mower conditioners with working widths from 2.4 to 3.5m



FULL LINE OF MOWER C



WHY KUBOTA MOWER CONDITIONERS?

The Kubota 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.

- Triangular discs with 3 knives.
- Unique Kubota suspension on trailed models for trouble free mowing.
- 3-in-1 solution on trailed versions with wide spreading or swath belt.
- SemiSwing steel tine conditioner for maximum conditioning effect and excellent protection of the tines.
- Roller conditioner for gentle but effective conditioning of fragile crop.



DMC6000N series - rear mounted mower conditioners with nylon tine conditioning and working widths of 2.4, 2.8m and 3.2m.



DMC6132T - rear mounted mower conditioner with steel tine conditioning and 3.2m working width.



DMC7000T/R series - front mounted mower conditioners with steel tine or roller conditioning and 2.8-3.5m working width.

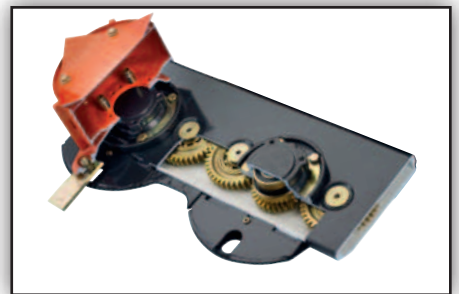
CONDITIONERS



DMC8000T/R series – left hand trailed mower conditioners with steel tine or roller conditioning and 2.8-3.5m working width.

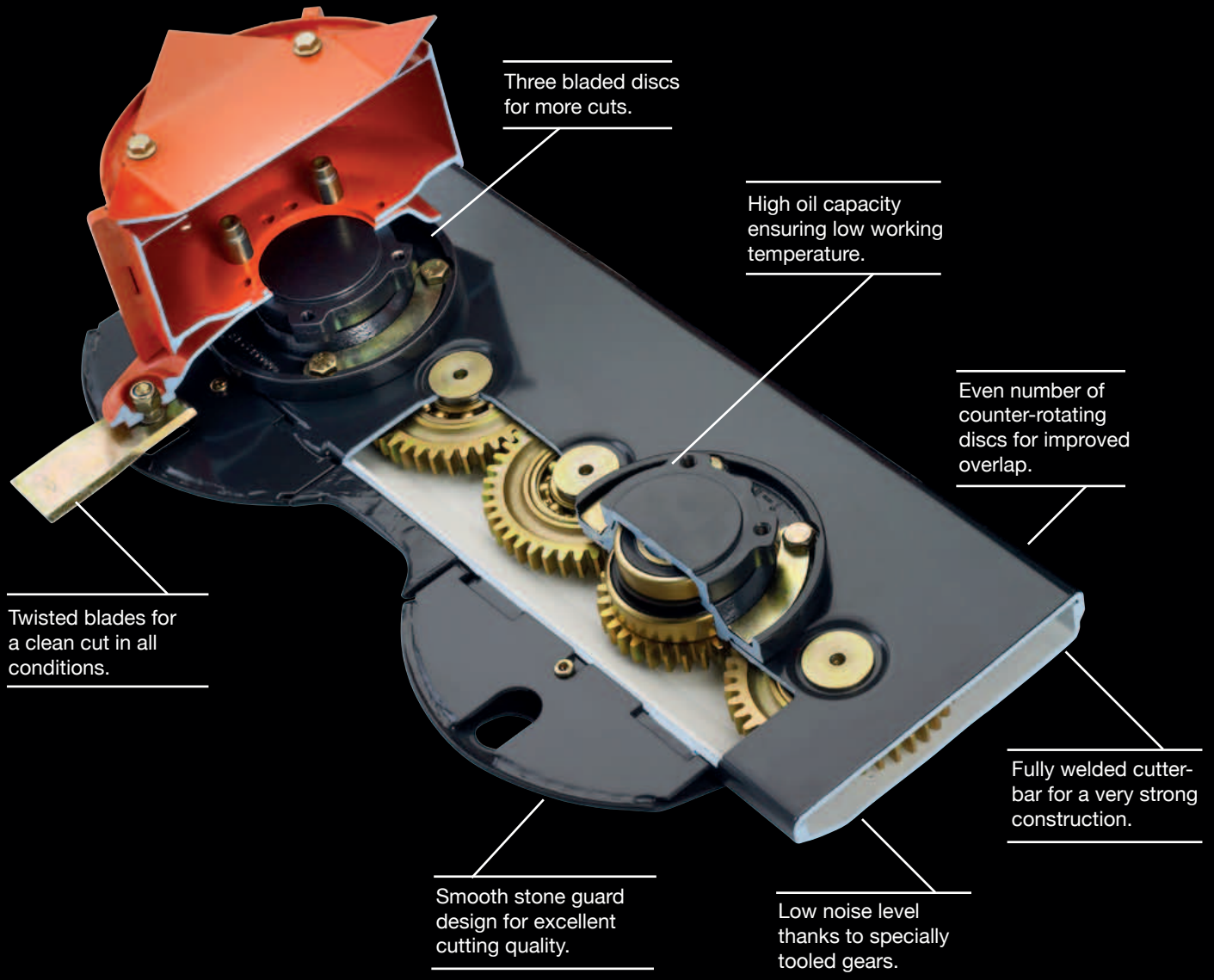


DMC8500T series – centre pivot trailed mower conditioner with steel tine or roller conditioning and 3.2-3.5m working width.



Kubota Cutterbar Technology.

CUTTING PERFORMANCE



Easy access to cutterbar for inspection and maintenance.



To protect the gear wheels and the drive system, Kubota use a one-key safety device, designed to shear in case of overload.



Individual top service hubs can be removed very quickly for easy maintenance.

E IN NEW DIMENSIONS

COUNTER-ROTATING THREE BLADED DISCS

Low Noise Cutterbar

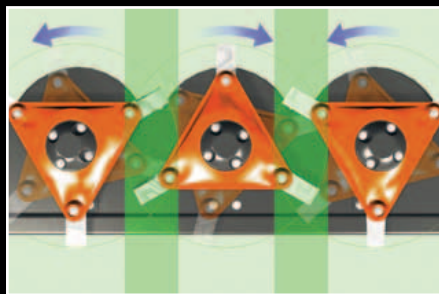
The Kubota cutterbar is designed for low maintenance and quiet operation. Operators will appreciate the low noise of the new cutterbar during a long and busy working day. The long curved gear wheels run smoothly in oil and provide lots of transfer of power with little slack.

Heavy Duty Cutterbar

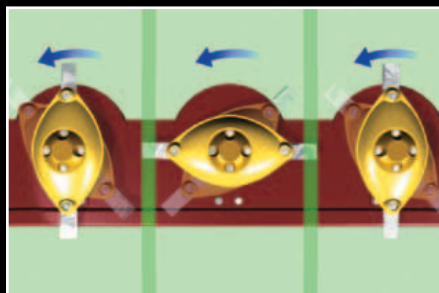
The Kubota cutterbar's high oil capacity ensures a very low working temperature for efficient oil cooling and lubrication of the entire cutterbar. The fully welded cutterbar with overlapping C-channels makes for a very stiff and strong design, ensuring very high level of durability.

Three Bladed Discs for More Cuts

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



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

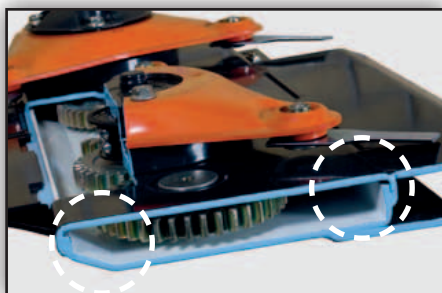


Counter-Rotating Cutting Discs for Improved Overlap

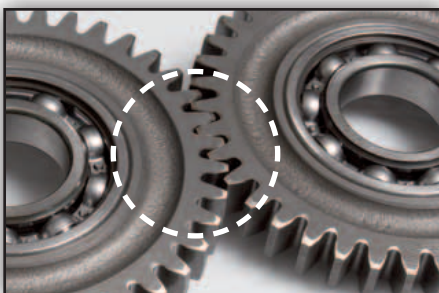
All Kubota mowers have an even number of counter-rotating discs. Apart from the immediate crop transport to the rear this system ensures that even in wet conditions no stripes of uncut forage are left in the field.

'Express' Quick Change of Knives

All disc mowers in the Kubota 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.



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



Specially tooled gear wheels with round design and long teeth result in low noise levels and efficient power transmission.

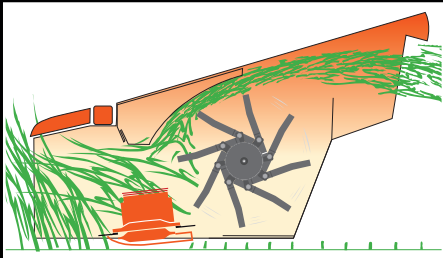


EFFECTIVE CONDITIONING

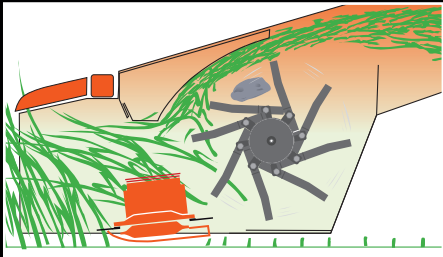
What Makes SemiSwing Stand Out

Utilizing the centrifugal force is what makes the Kubota SemiSwing conditioner stand out to other conditioner systems. It offers aggressive conditioning effect with excellent protection of the tines and virtually no wear.

Aggressive Conditioning –



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.

Aggressive Conditioning – Minimum Blockages

SemiSwing gives you aggressive and full conditioner effect. When the rotor starts the SemiSwing tines will instantly move into their working position and stay in a fixed position.

The angle and position of the SemiSwing tines ensures best possible crop transport. The crop is moved away from the conditioner rotor towards the conditioner plate. The result is reduced risk of blockages and optimum use of the conditioner plate.

To customize conditioning effect to changing conditions the conditioner plate can be set in 3 different positions.

Efficient crop transfer. Crop is efficiently lifted away from the cutterbar and moved along the conditioner plate for effective conditioning effect.

Excellent tine protection. Large obstacles are able to pass through, as the tines can pivot backward.

Wide and full width conditioner rotor for efficient crop throughput, full conditioning effect and reduced fuel consumption.



Excellent Tine Protection – No Maintenance

When hitting an obstacle, the SemiSwing steel tines are able to pivot backwards and let obstacles pass through. This allows large obstacles (up to 103mm) to pass without breaking the tines. No broken tines will end up in the following pick-up and no repair is required on the conditioner rotor.

NING

Aggressive conditioner effect with steel tines – tines will stay in a fixed position for full conditioner effect.

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

Once in working position the tine is locked by the rotor in its forward movement and will stay in full working position.

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

This means the tine will stay in a fixed position during conditioning. The benefit is no movement during rotation, meaning virtually no wear and tear on the brackets and full conditioning effect.

ADJUSTABLE CONDITIONING EFFECT

Match the Weather Conditions

The conditioner plate can be set in 3 different positions according to the required conditioning effect. Dependent on crop conditions and the amount of crop you are cutting, the plate is easily adjusted to match conditions of the day. The narrower the clearance, the more intense 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. The DMC mower conditioners offer two conditioner rotor speeds, 600 and 900rpm, which can be easily changed by simply switching the pulleys, providing a more gentle conditioning effect.



Easy adjustment of conditioning intensity – 3 different positions possible.



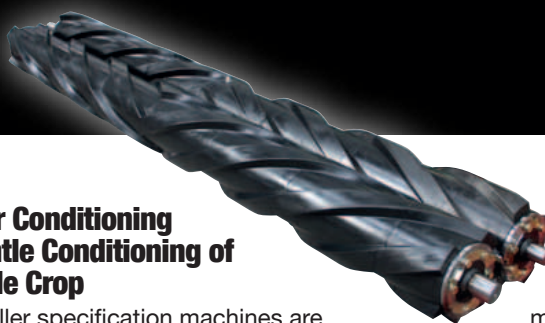
Adjustable rotor speed enables fuel saving and preservation of crop.

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.

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



PROTECTING GROUND

KUBOTA DMC8000-DMC8500



Kubota Suspension for Clean Cutting Action

The DMC8000 and DMC8500 series are engineered with the unique Kubota 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.

D AND MACHINE



Accurate Sideways Adaptation

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

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.

Effective Protection Against foreign Obstacles

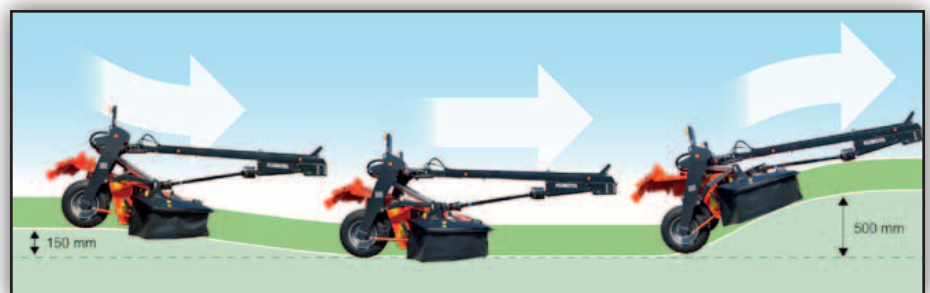
The suspension rod is fitted between mowing section and mainframe. This ensures that distance between suspension rod and pushing arm is constant. When an obstacle in the field is encountered, the mowing section will move backwards and automatically raise to allow the object to pass. The mower will automatically return to working position once the obstacle is navigated.



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



When an obstacle is encountered, the mowing section is forced backwards and 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.

TRAILED MOWER CO

KUBOTA DMC8000-DMC8500



Tailored To Any Request

Including features such as SemiSwing conditioner, low maintenance cutterbar, independent active suspension, swath belt and FlipOver widespreading, DMC8000 and DMC8500 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.

CONDITIONERS



CENTRE PIVOT DRAWBAR

The DMC8500 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.

PREPARED-WHATEVER

KUBOTA DMC8000-DMC8500



The Swath Belt For Improved Performance

The Kubota DMC8000 and DMC8500 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.

ER THE WEATHER



Setting DMC8000 and DMC8500 mowers for wide spreading is very simple.



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



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

Easy-To-Use Wide Spreading Kit

The Kubota DMC8000 and DMC8500 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.

Hydraulic Spreading Plate

The spreading vanes are positioned as far to the rear of the machine as possible when in use. The increased distance from the conditioning rotor to the spreading vanes provides more even spreading of the material across the entire working width, which in turn ensures better wilting.



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

THE COMBINATION M



KUBOTA DMC7028T-DMC7032T- DMC7032R-DMC7036T

Ideal for a Combination

Kubota DMC7000T/R series machines can be used in combination with a variety of mower conditioners, including the DMC8000 or DMC8500 series, DMC6000N, DMC6100T, or on its own, making these extremely versatile machines. With a working width of 2.8, 3.2 or 3.5m, the capacity of these machines is substantial.

NonStop BreakAway

To ensure maximum protection of the cutterbar, the Kubota NonStop BreakAway solution is implemented. During normal operation, the cutterbar is angled downwards, but if the 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.



The suspension design protects the cutterbar against foreign obstacles.

OWER



Machines For Professionals

Kubota DMC7000T/R series is characterized by an excellent design of the suspension and accurate ground following. In addition the Kubota cutterbar, with outstanding cutting performance and a choice of either SemiSwing steel tine or chevron roller 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 significantly reduced maintenance costs. Furthermore 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.

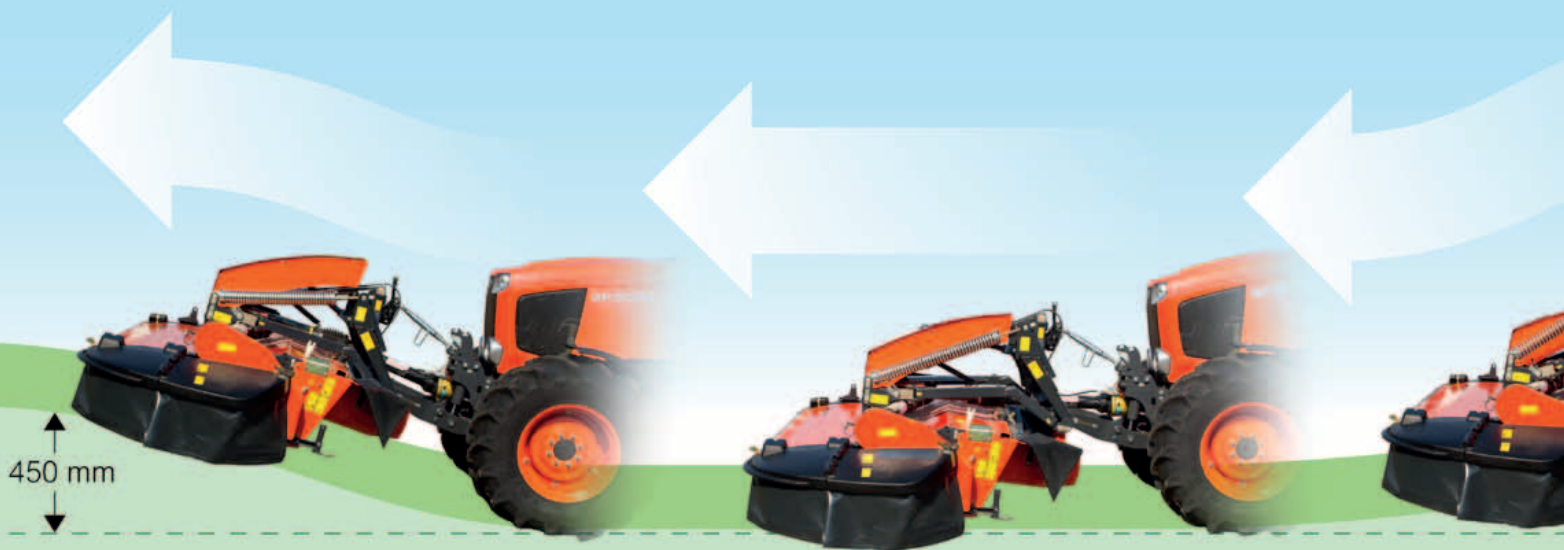


Kubota DMC7032T with 3.2m working width and a weight of only 1230kg.

EXCEPTIONAL ADAPT

KUBOTA DMC7028T-DMC7032T-DMC7032R-DMC7036T

KUBOTA. Ground Following System



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

Superior Suspension Protecting Ground and Machine

The suspension design has been designed to offer outstanding flotation and even ground pressure. The two large suspension springs have been moved further outwards to provide excellent 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.



Heavy duty suspension springs for excellent ground adaptation.

ATION ABILITY



Vertical adaptation of 24° to adjust to uneven fields.



250 mm



Compact design for excellent view during operation.

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. A clearance of 350mm is achieved during transport and headland turns.



DESIGNED FOR INTER



KUBOTA DMC6132T

The Contractor Solution

Kubota DMC6132T is a real contractor solution with its 3.2m working width, and is the ideal mower to operate in combination with a front mounted mower, for a substantial working width of 6.2m 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 DMC6132T include the SemiSwing steel tine conditioning with very limited wear, and hence low operating costs and downtime, and the optional wide spreading kit that speeds up the wilting process.

Hydraulic Centre Suspension

DMC6132T 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.

NSIVE USE



Centre Pivot Suspension

The centre pivot suspension provides an even weight distribution of DMC6132T and a uniform ground pressure over the complete 3.2m 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.



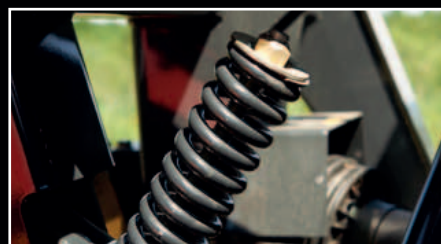
Easy Lift on Headlands

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 BreakAway

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



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

LOW WEIGHT – HIGH

KUBOTA DMC6024N-DMC6028N-DMC6032N



Effective 600/900 nylon tine conditioning.

Centre Mounted Mower Conditioner

Kubota offers 3 centre mounted mower conditioners, DMC6024N, DMC6028N and DMC6032N, in working widths of 2.4, 2.8 and 3.2m. They are all fitted with the Kubota cutterbar with slim design for improved cutting performance.

Light Weight Machines with Aggressive Conditioning

Due to the nylon tines fitted to the conditioner, the total weight of the machine 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!

Centre Suspension

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.

OUTPUT

SETTING ON-THE-GO



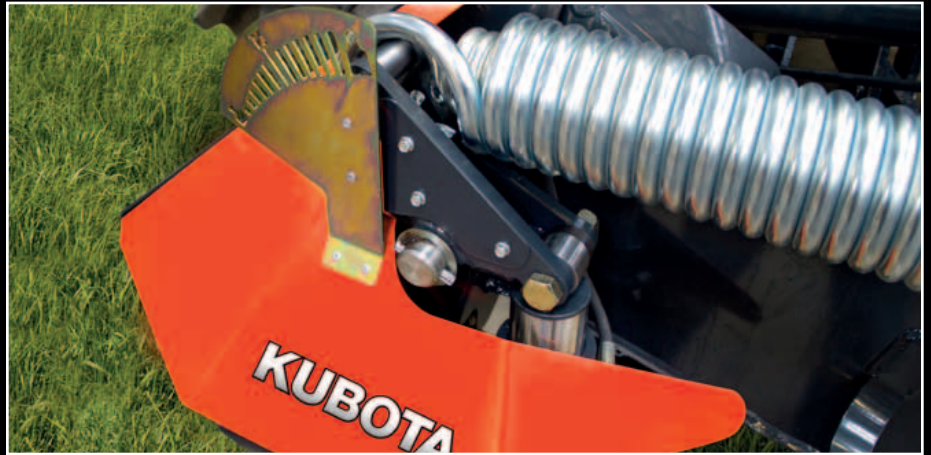
Easy changeover from swathing to wide spreading.



Two speed gearbox – switched by turning the main gearbox 180°.



Lift on headland with ample clearance to existing swaths.



This feature provides easy and simple setting of ground pressure on the Kubota DMC6000N series. For greater operator comfort ground pressure of the large suspension spring is set hydraulically from the tractor cab. Easy to adjust, even on the go.

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

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

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

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 BreakAway will swing the machine backwards and over the obstacle, returning it to the original working position once the obstacle has been passed.

Adjustable 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 simply to turn the main gearbox on the suspension 180°. Wide spreading equipment is also fitted as standard on the machines.

Easy Adaptation to Varying Crop Conditions

Kubota DMC6000N machines offer as standard two conditioner rotor speeds - 600 or 900rpm. The rotor speed can be easily changed by simply switching pulleys, to adapt to different conditioning requirements. At low conditioner speed, fuel consumption is minimized.

TRANSPORT

KUBOTA DMC6024N- DMC6028N-DMC6032N



Vertical Transport Solution

Kubota DMC6000N series machines are folded into a 125° vertical transport position using a hydraulic cylinder. The low gravity point during transport, with the weight of the mower close to the tractor, provides an excellent weight distribution.

The tractor and mower remains well balanced, even during high speed road transport, and the machine is fixed during transport 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.

For transport the DMC6000N models are swung hydraulically into a 125° vertical position.



Kubota DMC6032N with 3.2m working width and a weight of only 1090kg.

SPECIFICATIONS

Kubota Models	DMC 6024N	DMC 6028N	DMC 6032N	DMC 6132T	DMC 7028T	DMC 7032T	DMC 7032R	DMC 7036T
Conditioner	Nylon	Nylon	Nylon	SemiSwing	SemiSwing	SemiSwing	Roller	SemiSwing
Dimensions & Weight								
Cutting Width (m)	2.40	2.80	3.20	3.20	2.80	3.20	3.20	3.50
Weight, approx (kg)	920	1025	1090	1218	1145	1230	1267	1290
Transport width (m)	1.90	2.10	2.30	2.40	2.70	3.00	3.00	3.40
Attachment to Tractor								
Hitch (CAT)	II	II	II	II	II	II	II	II
PTO (RPM)	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000
Min. PTO horsepower req. (kW/hp)	50/70	55/80	65/90	65/90	50/70	55/80	55/80	65/90
Operation								
Number of discs	6	8	8	8	8	8	8	10
Number of knives	18	24	24	24	24	24	24	30
Stubble height (mm)	20-50	20-50	20-50	20-50	20-50	20-50	20-50	20-50
Cond. rotor speed	900/600	900/600	900/600	900/600	900/600	900/600	900	900/600
Number of hydr. outlets	1D	1D	1D	1S+1D	1S	1S	1S	1S
Tyres	-	-	-	-	-	-	-	-
Drawbar	-	-	-	-	-	-	-	-
Optional Equipment								
Wide spreading kit	•	•	•	o	-	-	-	-
Swath Belt	-	-	-	-	-	-	-	-
High skids (+20/+40/+80mm)	o / o / o	o / o / o	o / o / o	o / o / o	o / o / o	o / o / o	o / o / o	o / o / o
Throwing wings for diff. crop	o	o	o	o	o	o	o	o
Lighting kit	o	o	o	o	o	o	o	o

• = Standard o = Optional - = Not available

Kubota Models	DMC 8028T	DMC 8032T	DMC 8032R	DMC 8036T	DMC 8036R	DMC 8532T	DMC 8532R	DMC 8536T	DMC 8536R
Conditioner	SemiSwing	SemiSwing	Roller	SemiSwing	Roller	SemiSwing	Roller	SemiSwing	Roller
Dimensions & Weight									
Cutting Width (m)	2.80	3.20	3.20	3.50	3.50	3.20	3.20	3.50	3.50
Weight, approx (kg)	1820	1975	2061	2160	2247	2320	2426	2160	2515
Transport width (m)	2.70	3.00	3.00	3.40	3.40	3.00	3.00	3.40	3.40
Attachment to Tractor									
Hitch (CAT)	II	II	II	II	II	II	II	II	II
PTO (RPM)	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000
Min. PTO horsepower req. (kW/hp)	50/70	60/80	60/80	65/90	65/90	60/80	60/80	65/90	65/90
Operation									
Number of discs	8	8	8	10	10	8	8	10	10
Number of knives	24	24	24	30	30	24	24	30	30
Stubble height (mm)	20-50	20-50	20-50	20-50	20-50	20-50	20-50	20-50	20-50
Cond. rotor speed	900/600	900/600	900	900/600	900	900/600	900	900/600	900
Number of hydr. outlets	1S	1S+1D	1S+1D	1S + 1D	1S+1D	1S+1D	1S+1D	1S+1D	1S+1D
Tyres	380/55-17	380/55-17	380/55-17	380/55-17	380/55-17	380/55-17	380/55-17	380/55-17	380/55-17
Drawbar	Left Hand	Left hand	Left hand	Left hand	Left Hand	Centre	Centre	Centre	Centre
Optional Equipment									
Wide spreading kit	o	o	o	o	o	o	o	o	o
Swath Belt	o	o	o	o	o	o	o	o	o
High skids (+20/+40/+80mm)	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
Throwing wings for diff. crop	o	o	•	o	•	o	•	o	•
Lighting kit	•	•	•	•	•	•	•	•	•

• = Standard o = Optional - = Not available

The company reserves the right to change the above specifications without notice. This brochure is for descriptive purpose only. Some of the items pictured in this brochure are optional and not standard equipment. Please consult your local Kubota dealer for warranty, safety or product information. For your safety, Kubota strongly recommend the use of a seat belt in all applications.

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