



For Earth, For Life
Kubota

DM

KUBOTA DISC MOWERS DM1000/DM2000/DM5000

Side mounted and trailed mowers with working widths ranging from 5'6" to 13'1"



BUILT ON CUSTOMER



R-FOCUSED THINKING



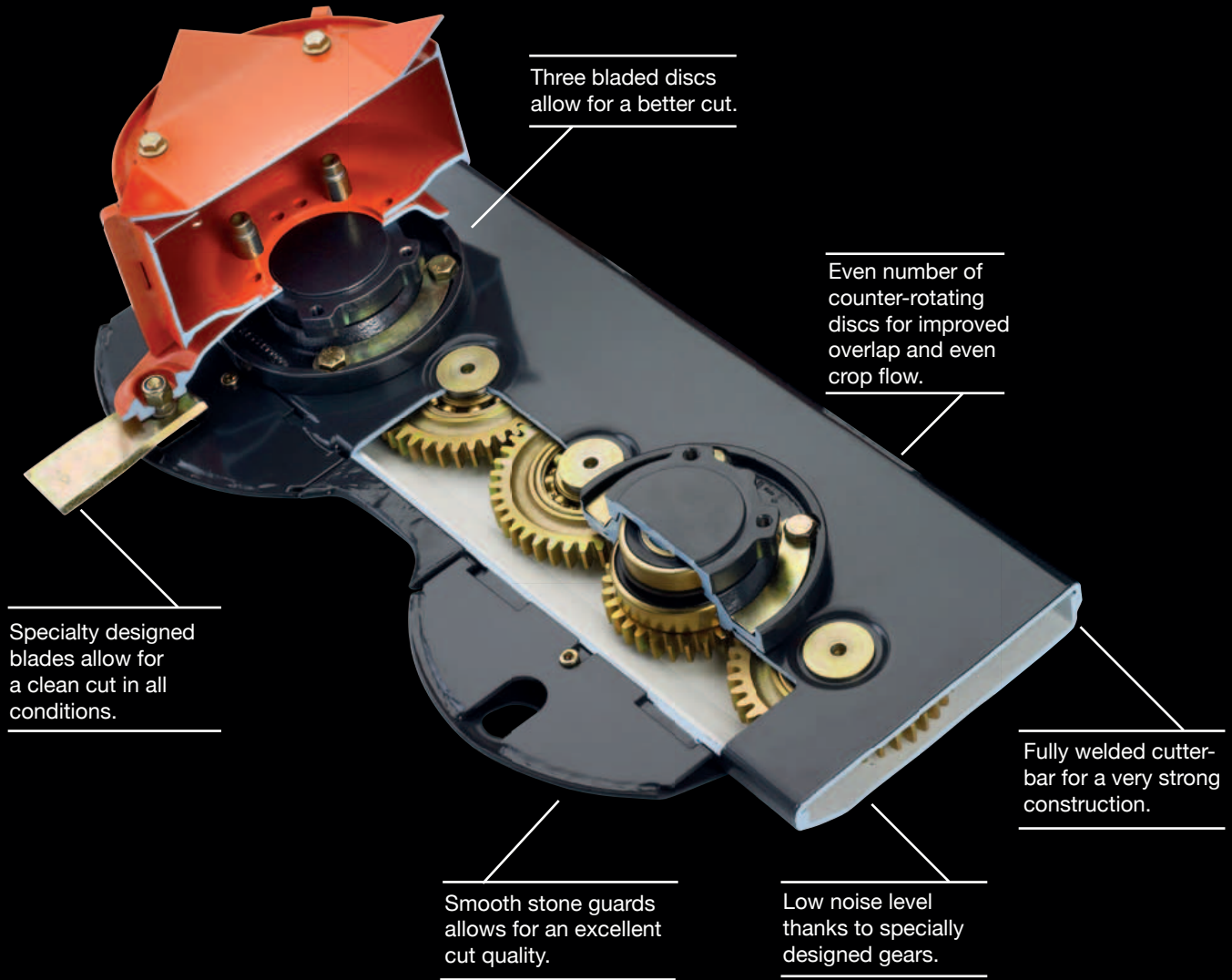
NO COMPROMISES: 3 BLADED DISCS FOR BETTER CUTTING PERFORMANCE

Kubota's extensive range of mounted and trailed disc mowers were specifically developed for the North American market. This range of disc mowers is durable, but yet, still features a light weight design. With working widths ranging from 5'6" to 13'1" there is a machine for every customer. Along with Kubota's fully welded cutterbar and 3 blades per disc, Kubota's range of disc mowers can efficiently handle any crop condition.

TOUGH AND RELIABLE

Being prepared to mow crop is essential for every operation. Kubota's range of mowers is designed to run day in and day out. Kubota has a proven global support network, dedicated to help you do more and make the most of your time.

CUTTING PERFORMANCE



Easy access to the cutterbar.



To protect the gears and the drive system, Kubota uses a key safety device, designed to shear in case of an overload.



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

CE 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 cutterbar during long busy days. The long curved gear wheels run smoothly in oil and provide efficient power transfer.

Heavy Duty Cutterbar

The fully welded cutterbar with overlapping C-channels makes for a very rigid and strong design, ensuring a very high level of durability.

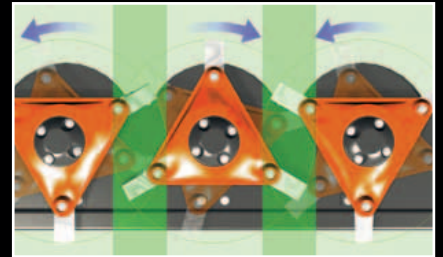
Three Bladed Discs for More Cuts

With three blades per disc, Kubota mowers are constantly cutting. This design allows for a third less load per blade; an even load on the drive; smoother power usage; and produces a neat, cleanly cut stubble.

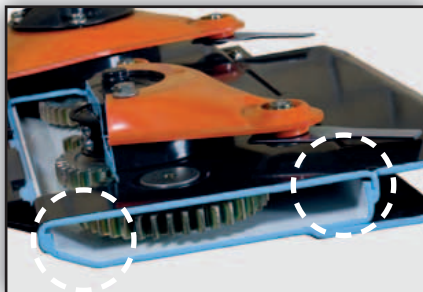
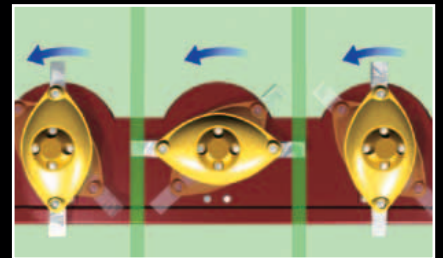
Each steel blade is precisely angled to immediately discharge the cut crop upwards by both air flow and mechanical action.

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.



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



Fully welded cutterbar with overlapping C-channels ensures for a very strong and rigid cutterbar design.



Specially designed gears with a rounded design and wide tooth pattern result in low noise levels and efficient transfer of power.



**KUBOTA
CUTTERBAR
TECHNOLOGY**

EFFECTIVE AND RELIABLE

KUBOTA DM1017-DM1022-DM1024

Kubota DM1000 series:

- Working widths of 5'6" – 7'9"
- Fully welded cutterbar
- BreakAway
- Vertical transport position
- Compact build for smaller tractors
- One-key shear protection on each individual cutting disc



Easy lift on headland.



Spring loaded BreakAway.



Safe and narrow transport solution. It is not necessary to raise the tarp for transport position. Just fold & go!

ABLE PERFORMANCE



Easy Operation

Kubota's DM1000 series mowers feature a heavy duty Kubota cutterbar, which is designed for low maintenance and quiet operation. The fully welded cutterbar with overlapping C-channels has a rigid and sturdy construction, ensuring a very high level of durability.

The long curved gears run smoothly in oil and provide optimal power transmission with little slack.



Kubota DM1017 – 5'6" working width.



Kubota DM1022 – 7'2" working width.



Kubota DM1024 – 7'9" working width.



Hitch is very easy to attach, while the parking lock keeps the headstock in level position.

Spring Loaded BreakAway

When an obstacle is encountered, the mower swings backwards to protect the cutterbar. By reversing, the mower is reset into working position.

Fast Lifting On Headland

The mower is easily lifted via a hydraulic cylinder without activating the tractor's 3pt linkage. This proves to minimize wear on the tractor, as the PTO stays in the same position, minimizing vibrations in the transmission.

Transport Solution

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

EASILY OPERATED AND

KUBOTA DM2028-DM2032

Kubota DM2000 Series:

- 9'2" – 10'6" working width
- Mowing on slopes +/- 35°
- Non-Stop BreakAway
- Spring loaded V-belt drive
- Easy setting of ground pressure

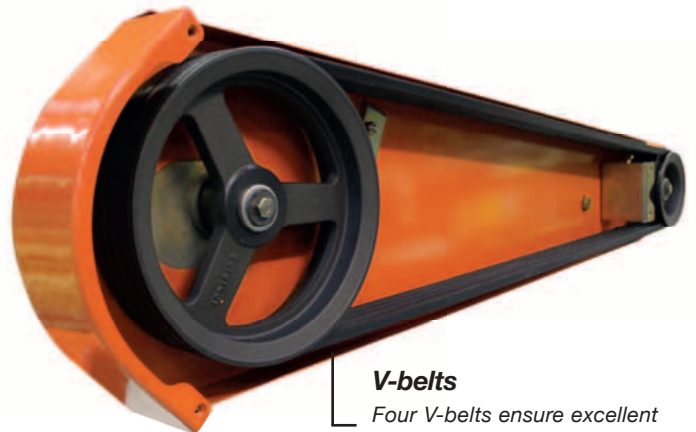


Excellent Price to Output Ratio

The Kubota DM2000 models are lightweight, with a simple compact, but durable design. They are offered in working widths ranging from 9'2" to 10'6". The Kubota cutterbar has triangular discs, which ensures continuous, high-quality cutting performance, especially in difficult crop conditions.

Powerful Drive

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



V-belts

Four V-belts ensure excellent transfer of power.

DURABLE MACHINES



Easy Operation

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

Optional Equipment

The Kubota DM2000 series offers a range of optional equipment including swath discs, to help separate the cut crop from the uncut, as well as high skids which are useful in stony or soft ground conditions.



Swath disc is available as option.



For transport, the machine can be folded hydraulically from the tractor cab to the vertical transport position, well behind the tractor, ensuring a stable and steady transport.



The linkage pins are easily adjusted to match the tractor width, which enables the mower to cut to its' full working width.



Lift on headlands via a hydraulic cylinder – no use of the 3 pt hitch is needed.

NON-STOP



Non-Stop BreakAway – Keeps the Cutterbar Running

Kubota DM2000 series is fitted with the Kubota Non-Stop BreakAway system to protect the cutterbar. The integrated BreakAway system is designed to protect the cutterbar from foreign obstacles.

Upon striking an obstacle in the field the mowing unit swings backwards and up, at the same time clearing the object. This provides 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 Kubota Non-Stop BreakAway system automatically returns the cutting unit to its' original working position.

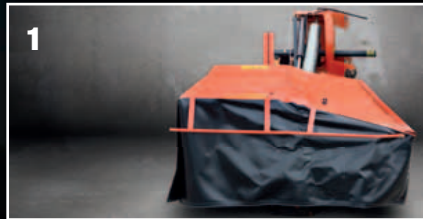
Flexible Suspension

Kubota DM2000 models offer a very flexible suspension, ensuring optimal ground contour following. Due to the flexible suspension, the mowers are exceptionally well suited for work on slopes and in hilly conditions, with an operating angle of 35° up and down.

P MOWING

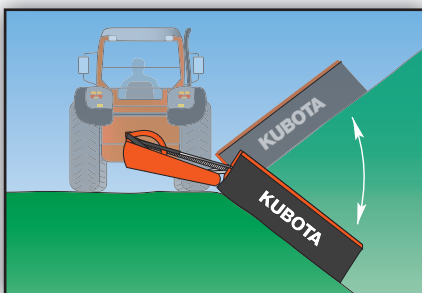


NON-STOP BREAKAWAY



When encountering an obstacle, the Non-Stop BreakAway system will swing the machine back and up at the same time clearing the object, then return it to the original working position.

No need to stop, reverse and reset
- No lost productivity.



Kubota DM2000 series can pivot 35° up and down without any adjustment.

CAPACITY WITH LOW P

KUBOTA DM5032-DM5040



Kubota DM5000 Series:

- Working widths: 10'6" - 13'1".
- Trailed machine for smaller tractors.
- Swivel hitch Drawbar gearbox.
- Easy pin-hitch attachment to tractor.
- Outstanding ground following ability.
- Fully welded Kubota cutterbar with triangular discs.



Easy access to cutterbar

A User-Friendly Trailed Pull-Type Disc Mower

Kubota's DM5032 and DM5040 are easy to operate and have low horsepower requirements. This in turn reduces fuel consumption by allowing the mowers to be used with smaller tractors.

Due to Kubota's independent active suspension, the DM5000 series mowers have a remarkable ability to adapt to ground contours. This

technology improves grass flow and is gentler on the crop. It also helps protect the cutterbar from any unforeseen obstacles.

Lateral Flotation

DM5000 series machines provide for 17° of sideward adaptation. This generates many benefits while working on hillsides or controlling the unit on headlands.

Swivel Hitch Gearbox

The swivel hitch gearbox is fixed to the mainframe in order to ensure less movement during operation, yet it provides unlimited rotational movement between the machine and the tractor, making it easier to perform sharp turns.

POWER REQUIREMENT



ACTIVE SUSPENSION

DM5032 and DM5040 have an exceptional ability to adapt to field conditions. The active suspension ensures even pressure across the entire cutterbar while in rough conditions. With 13.8" of upward suspension and 9.3" of downward adaptation, these machines ensure that the cutting discs are always positioned close to the ground.

The DM5000 series floatation system protects the complete machine from possible shock loads. When an obstacle is encountered the cutterbar will pivot upwards and over the obstacle, then automatically return once the obstacle has been passed.



Exceptional up and down adaptation of 13.8" and 9.3" respectively, ensures outstanding cutting quality and trouble-free mowing.



Kubota DM5032 and DM5040 are easy to connect to a tractor with a simple pin system.



High lifting height for excellent ground clearance in transport and during headland turning.



The swivel hitch headstock provides optimal maneuverability.

EFFICIENT MOWING



Easily adjustable cutting height.

KUBOTA DM5032-DM5040

Narrow Transport

DM5000 series offers a secure and convenient transport solution while still providing excellent road visibility. To make transportation width as narrow as possible, the sideguards can be folded upwards. This reduces the transport width for DM5032 to only 9'10" while in the field it cuts a full 10'6". The transport width for DM5040 is reduced to 12'5" while in the field it cuts 13'1".



Kubota's DM5032 and DM5040 offer a secure and convenient transport solution, while still providing excellent road visibility.



Integrated tool box.

SPECIFICATIONS

Kubota Models	DM1017	DM1022	DM1024	DM2028	DM2032	DM5032	DM5040
Dimensions & Weight							
Cutting width (ft)	5'6"	7'2"	7'9"	9'2"	10'6"	10'6"	13'1"
Weight, approx (lbs)	860	948	992	1345	1510	2256	2513
Transport width (ft)	3'9"	3'9"	3'9"	4'7"	4'7"	9'10"	12'5"
Attachment to Tractor							
Hitch (CAT)	2	2	2	2	2	2	2
Pin hitch	-	-	-	-	-	0	0
PTO (RPM)	540	540	540	540	540	540 / 1000	540 / 1000
Min. PTO horsepower req. (hp)	36	42	46	50	55	65	85
Operation							
Number of discs and blades	4 / 12	6 / 18	6 / 18	8 / 24	8 / 24	8 / 24	10 / 30
Remotes	1	1	1	1	1	2	2
Cutterbar operating range °	-45 / +45	-45 / +45	-45 / +45	-35 / +35	-35 / +35	-17 / +17	-17 / +17
Stubble height (in)	0.78"-1.97"	0.78"-1.97"	0.78"-1.97"	0.78"-1.97"	0.78"-1.97"	1.79"-3.94"	1.79"-3.94"
Other Features							
BreakAway	•	•	•	-	-	-	-
Non-Stop BreakAway	-	-	-	•	•	-	-
Overrun clutch	•	•	•	•	•	•	•
Friction clutch	-	-	-	-	-	•	•
Optional Equipment							
Swath boards (RH)	•	•	•	•	•	-	-
Swath discs (RH / LH)	o / -	o / -	o / -	o / -	o / -	o / o	o / o
High skids (inches) +0.8 / +1.6 / +3.2	• / o / o	• / o / o	• / o / o	• / o / o	• / o / o	• / o / o	• / o / o
Lighting kit	o	o	o	o	o	•	•

• = standard o = optional - = not available



The company reserves the right to change the above specifications without notice. This brochure is for descriptive purposes 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. Kubota strongly recommends of a seatbelt and ROPS (rollover protective structure) in almost all applications. ©2014 Kubota Corporation



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