



DM1000/DM2000/DM3000/DM4000/DM5000

Side mounted and trailed mowers with working widths ranging from 5'5" (1.65m) to 31'2" (9.5m)



NO COMP



ROMISES



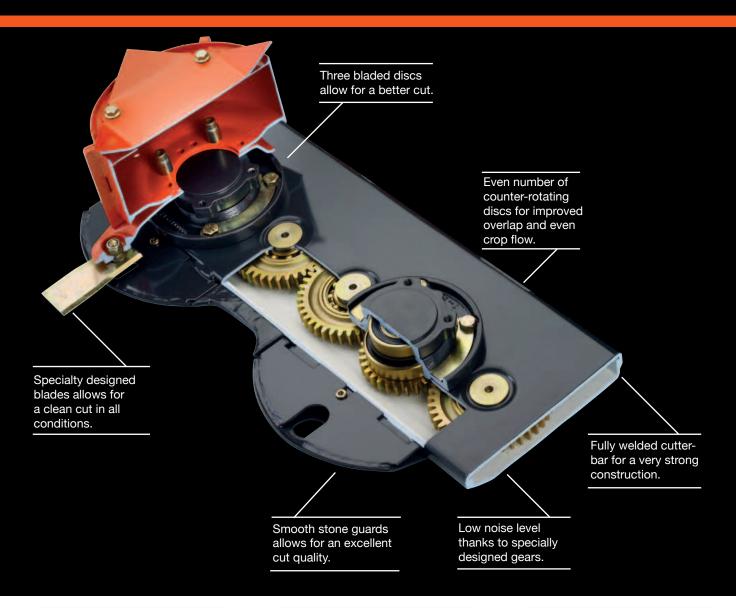
BUILT ON CUSTOMER



-FOCUSED THINKING



CUTTING PERFORMANC





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.

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 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 very high level of durability.

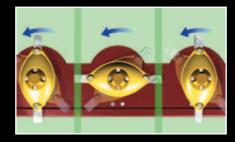
Three Bladed Discs for More Cuts

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.



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



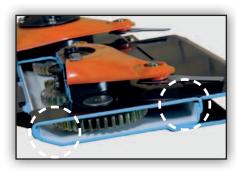
Counter-Rotating Cutting Discs for Improved Overlap

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

DM2000 and DM5000 series mowers can be fitted with the 'Express' system for quick and easy changing of blades. Simply place the lever around the bolt, release the spring by turning the lever, and the blade is ready to be replaced by a new one.





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.



EFFECTIVE AND RELI





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





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.

NON-STOP



Non-Stop BreakAway – Keeps the Cutterbar Running

Kubota DM2000 and DM3000 series are 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 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.

MOWING



NON-STOP BREAKAWAY



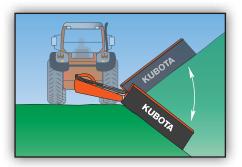






When encountering an obstacle, the BreakAway system will swing the machine back and up at the same time clearing the object, then return it to the original working position.

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



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

EASILY OPERATED AND



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 7'10" (2.4m) to 10'6" (3.2m). 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.



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 or swath boards, 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.

IT'S ALL ABOUT



Extensive Working Width – Low Weight

Kubota DM3040 boasts an extensive working width of 13'1" (4.0m), with a corresponding weight of 2072lbs (940kg), which means the machine can be operated by low horse-powered tractors, making it a very attractive solution for farmers with smaller tractors, who still need to mow substantial areas. Paired with the DM4032 or DM4032S front mounted

machine, the joint working width is an amazing 12'6" (6.8m).

Centre Pivot Suspension

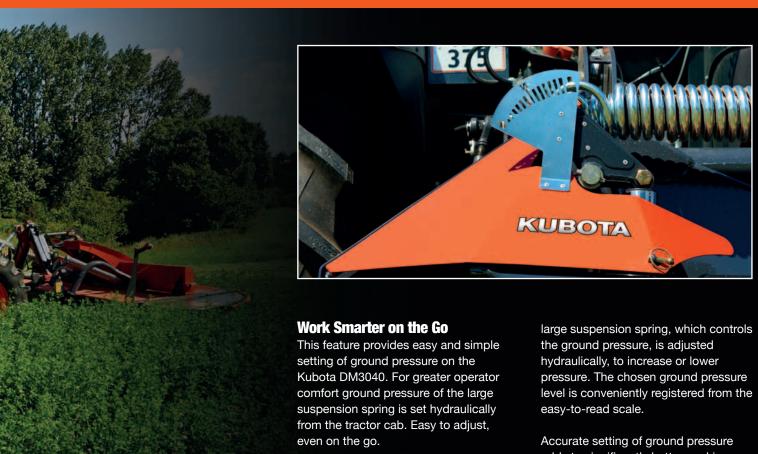
The DM3040 is centre suspended to give an even weight distribution across the complete mower width. Faster and more precise adaptation to ground contours is also achieved because of the centre suspended design. The benefit is less skid wear and optimum protection of the stubble.

Clean Cutting Performance

The latest generation of the Kubota cutterbar is fitted to these machines, offering unmatched cutting performance thanks to the triangular three-bladed discs.

The large compensating spring in combination with the centre mounted design provides perfect flotation of the complete cutterbar.

PERFORMANCE



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 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.



The centre suspended design enables fast and precise adaptation to ground contours.



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

AMAZINGLY UN





Lifting on headlands via hydraulic cylinder – ample ground clearance.



When encountering an obstacle the NonStop BreakAway system protects the cutterbar by swinging it back and up.



Two mounting options for optimal overlap with a front mounted machine.

COMPLICATED





125° vertical transport position for excellent weight distribution.

Vertical Transport Position

Kubota DM3040 is folded hydraulically into a 125° vertical transport position. The low gravity point ensures excellent weight distribution, with the weight of the mower close to the tractor.

NonStop BreakAway system

To offer maximum protection of the cutterbar, DM3040 is fitted with the Kubota NonStop BreakAway solution. When encountering an obstacle the BreakAway will swing the machine backwards and over the obstacle, returning to its original working position, once the obstacle has been passed.

Adjustable For Any Tractor

The linkage pins on DM3040 can be adjusted for four different positions, ensuring compatibility with any tractor. Another advantage is that the overlap in combination with a front mounted machine like DM4032 can be optimized, to ensure that the complete working width on both machines is utilized.

Furthermore the mowing unit can be mounted in two different positions on the suspension for easy setting of optimal overlap.



DM3040 can be operated with either 540 or 1000 rpm without additional accessory.

Adjustable PTO Speed

Kubota DM3040 comes factory fitted with the option of being operated with either 540 or 1000 rpm. It requires no additional accessory. All that is needed is simply to turn the main gearbox on the suspension 180°.

Lift on Headlands

Lifting on headlands is easily done without activating the 3-point linkage of the tractor. A hydraulic cylinder is used for lifting on headlands and turning is simple thanks to sufficient ground clearance. The same cylinder is used when going into transport position

READY FOR



Built for Any Terrain

Outstanding ground following ability, easy operation and low weight are among the highlights of this machine. The DM4032 is characterized by excellent cutting performance and ground following ability in all terrain. Eight counter-rotating discs ensure that cutting quality remains outstanding, encouraging rapid regrowth from clean stubbles.

This is the perfect machine for daily grazing in combination with a loader wagon, joined up with a rear mounted machine, or as part of a butterfly combination.

With a working width of 10'6" (3.2m) and an operating weight of only 1565 lbs (710kg), DM4032 requires as little as 55hp to operate. Run in a combination with the DM3095 on the rear, would give you a mowing combination capable of effortlessly handling up to 31'2" (9.5m) crop.

Responsive Mowing

The very responsive kinematics associated with the headstock design will step in when encountering even the smallest obstacles during operation. To offer maximum protection and lessen the shock loads on the complete machine, the cutterbar will move backwards and up, letting any obstacle pass without risk of damage.

ANY TERRAIN



Excellent Serviceability

DM4000 series has outstanding service access to the cutterbar, which is an advantage compared to most other machines with a flexible suspension. Even when the machine is raised, you can open the entire front cover.

Two-Speed Driveline

Standard PTO speed is 1000 rpm. However by simply switching driveline pulleys, 750 rpm for reduced fuel consumption can be achieved. This makes it possible to maintain the correct PTO speed, but using reduced engine revs, creating an opportunity for lower fuel consumption. An innovative solution solving the problem of front PTO systems not offering an economy speed.



Good view of the machine from the tractor cabin.



Easy access to the cutterbar with foldable front and side guards.



The machine is standard equipped with two swath discs, allowing a swath width of 7'3"-7'10" (2.2-2.4m).



By switching driveline pulleys changing from standard PTO speed of 1000 rpm to 750 rpm is possible.

RECONCEPTUAL



DM4032S Covers it All

This is the first front disc mower with an actively driven swath former, designed for both narrow swathing and wide spreading. Changing between different swath widths is intuitively done in very little time – no tools required! Simply release the locks on each swath board and swipe them to the requested swath width. For wide spreading the boards are released and positioned on top of the mower.

A Machine for Any Application

DM4032S will work well in a number of different settings. In combination with rear mounted mowers, as a single machine, or joined up with a loader wagon. With widths as narrow as 3'3" (1.00m), the swaths will pass between the wheels of even smaller tractors, leaving an untouched swath that is picked up easily by the loader wagon.

The adjustable swath width allows you to set the correct width in accordance

with crop and weather conditions. As the crop is drying during a long day of mowing, the swath width can be adjusted from being narrow at the start of the day to being wider during the day, to ensure correct and even moisture level in the crop.

Preparing a Clean and Airy Swath

The actively driven auger guides even high volumes of crop towards the centre of the mower, leaving a

IZING SWATHING







Swath width is easily changed by simply unlocking the swath plates and sliding them to the requested position.



Standard two speed driveline. Factory set at 1000 rpm, but 750 rpm os possible by easily switching pulleys.

Adjustable Swath Widths

With the option of 3 different swath widths 3'3",3'9",4'3" (1.00, 1.15 and 1.30m) and wide spreading up to 7'3" (2.20m), this machine offers exactly the flexibility that most farmers are looking for. Narrow swaths that will go well in-between the tractor wheels, or wide spreading for fast wilting of crop.



The auger is driven by a small gearbox with an additional power requirement of only 5hp.



Actively driven swath former, producing even, box-shaped swaths.

nice, box-shaped swath. Crop is immediately moved away from the discs, inviting for excellent cutting performance. Each side of the auger is working in combination with a guide plate that efficiently transports the crop to the middle, without any crop loss or contamination often seen from systems applying swath wheels. DM4032S does not just move two swaths next to each other like traditional drum mowers, but places the crop into one even and airy swath, significantly speeding up the drying process.

Excellent Adaptation Range

Just like the standard DM4032, DM4032S shows an impressive adaptation range of 1'4" (430mm) upwards and 7" (210mm) downwards, ensuring excellent cutting quality in even very difficult circumstances.

Fuel Efficient Solution

DM4032S is driven from the top by a simple but efficient driveline. A small gearbox connected to the main gearbox drives the auger via a V-belt. This design combined with the auger design means that an additional power requirement of only 5hp is needed to run the auger. In total the auger, including driveline, adds approximately 330lbs (150kg) to the mower, leaving total weight as low as 1885lbs (855kg) and a power requirement of only 60hp.

PROGRESSIVE SUS

KUBOTA DM4032-DM4032S





An adaptation range of 1'4" (430mm) upwards and 7" (210mm) downwards ensures untroubled ground following.

PENSION DESIGN



Remarkable Adaptation Range

DM4032 is exceptionally well adapted to varying field conditions and contours. At standards settings the cutterbar has a remarkable 1'4" upwards and 7" downwards adaptation range, in combination with transverse pivoting range of 17°. This wide spectrum allows the machine to follow the ground in all conditions without overloading the cutterbar.

Unrestricted Movement

There is no wearing on the front linkage of the tractor, as the integrated suspension design does not require a flexible front linkage - the relative movements are done by the machine itself. This also means that you are not restricted by the limited flexibility typically originating from the front linkage.

Easy Operation of the Machine

Correct setting of the machine is very user-friendly. The front linkage is set to a specified height and the mower unit is operated by a separate hydraulic cylinder integrated in the suspension. Ground pressure is provided by two springs and cutting quality is always excellent due to Kubota's three-bladed discs.

UNMATCHED MOWI



Efficient Performance Paired with Low Weight - Mow 28'7" (8.7m) with Only 140 hp

Kubota introduces a new plain disc mower butterfly, the DM3087 and DM3095. A combination that provides efficient performance with its 28'7" (8.7m) and 31'2" (9.5m) working widthh paired with a low weight design.

The DM3087-DM3095 is an ecofriendly, energy saving solution purposely build for low operating costs in terms of power and fuel consumption, with power requirements starting at only 140 hp. The low weight of only 2998lbs (1360kg) and 3307lbs (1500kg) respectively, together with the ideal weight distribution that butterfly combinations offer, gives the optimum combination of low power requirements, low weight and high efficiency.

Designed to match the needs of largescale mowing, DM3087 and DM3095 are packed with features to meet these demands. The centre suspended mowing units in combination with the three-bladed discs offer an unmatched mowing performance.

The Kubota NonStop BreakAway solution protects the cutterbar from foreign obstacles, and automatically returns the mowing unit to working position. The Kubota cutterbar offers smooth operation with very low noise level, convenient during a long working day.

NG PERFORMANCE



Parking, Safe and Sure-Footed

With the new parking device, storage of the DM3087 and DM3095 are made easy and convenient, requiring a minimum of space during winter storage.

The DM3087-DM3095 are firmly parked on a strong and stable parking foot, bringing total height below 13'1" (4.0m).



Parking stand for vertical storage.

FEATURES SUPPORTI



Two Mounting Options

DM3087 and DM3095 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. This also gives you an option of wider overlap in hilly conditions, lessening the need for SideShift equipment.

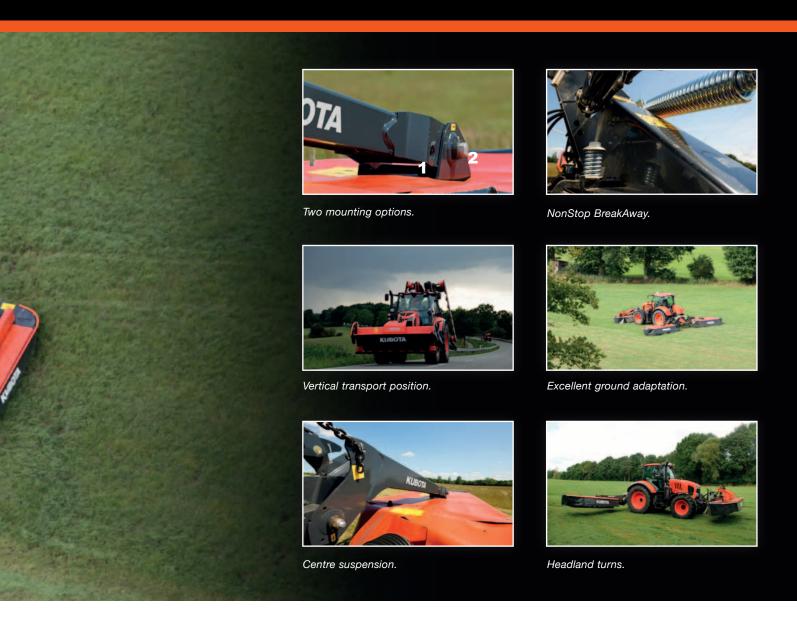
Vertical Transport Position

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. Endguards are foldable to further limiting transport height, which is below 13'1" (4.0m) and transport width is limited to 9'10" (3.0m).

Centre Suspension

The mowing units are centre suspended offering an even weight distribution across the complete mower width. Faster and more precise adaptation to ground contours is also achieved due to the centre suspended design. The benefit is less skid wear and optimum protection of the stubble.

NG PERFECT RESULTS



NonStop BreakAway System

The Kubota NonStop BreakAway system protects the cutterbar from foreign obstacles. If hitting an obstacle, the BreakAway system will swing the machine backwards and over the obstacle, automatically returning the mower to working position, once the obstacle has been passed.

Excellent Ground Adaptation

DM3087 and DM3095 are fitted with two adjustable ground pressure springs, making setting of the best possible ground pressure easily done, to match the needs of each specific mowing operation.

Headland Turns

When turning on headlands the hydraulic cylinder, which is also used when going into transport position, ensures ample clearance to the swath, so they remain undamaged.

CAPACITY WITH LOW



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 protects 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 1'2" (350mm) of upward suspension and 9.3" (235mm) 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 1'2" (350mm) and and 9.3" (235mm), 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



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 side guards can be folded upwards. This reduces the transport width for DM5032 to only 9'10" (3.0m) while in the field it cuts a full 10'6" (3.2m). The transport width for DM5040 is reduced to 12'5" (3.8m) while in the field it cuts 13'1" (4.0m).



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



Easily adjustable cutting height.

SPECIFICATIONS

Kubota Models	DM1017	DM1022	DM1024	DM2024	DM2028	DM2032	
Dimensions & Weight							
Cutting width ft (m)	5'5" (1.65)	7'1" (2.15)	7'10" (2.4)	7'10" (2.4)	9'2" (2.8)	10'6" (3.2)	
Weight, approx lbs (kg)	860 (390)	948 (430)	992 (450)	1286 (583)	1345 (610)	1510 (685)	
Transport width ft (m)	3'9" (1.2)	3'9" (1.2)	3'9" (1.2)	4'7" (1.4)	4'7" (1.4)	4'7" (1.4)	
Attachment to Tractor							
Hitch (CAT)	2	2	2	2	2	2	
Pin hitch	-	-	-	-	-	-	
PTO (RPM)	540	540	540	540	540	540	
Min. PTO horsepower req. (hp)	36	42	46	46	50	55	
Operation							
Number of discs and blades	4 / 12	6 / 18	6 / 18	6/18	8 / 24	8 / 24	
Remotes	1	1	1	1	1	1	
Cutterbar operating range °	-45 / +45	-45 / +45	-45 / +45	-35/+35	-35 / +35	-35 / +35	
Stubble height inch (mm)	0.78"-1.97" (20-50)	0.78"-1.97" (20-50)	0.78"-1.97" (20-50)	0.78"-1'97" (20-50)	0.78"-1.97" (20-50)	0.78"-1.97" (20-50)	
Other Features							
BreakAway	•	•	•	-	-	-	
Non-Stop BreakAway	-	-	-	•	•	•	
Overrun clutch	•	•	•	•	•	•	
Friction clutch	-	-	-	-	-	-	
Optional Equipment							
Swath boards (RH)	•	•	•	-	•	•	
Swath discs (RH / LH)	0/-	0/-	o / -	0/-	0/-	0/-	
High skids inch (mm) +0.8 /+1.6 /+3.2 (+20/+40/+80)	•/0/0	•/0/0	•/0/0	•/0/0	•/0/0	•/0/0	
Lighting kit	0	0	0	0	0	0	

Kubota Models	DM3040	DM3087	DM3095	DM4032	DM4032S	DM5032	DM5040
Dimensions & Weight							
Cutting width ft (m)	13'1" (4.0)	28'7" (8.7)	31'2" (9.5)	10'6" (3.2)	10'6" (3.2)	10'6" (3.2)	13'1" (4.0)
Weight, approx lbs (kg)	2072(940)	2997(1360)	3307(1500)	1565(710)	1885(855)	2256 (1023)	2513 (1140)
Transport width ft (m)	7'7" (2.3)	9'10" (3.0)	9'10" (3.0)	9'10" (3.0)	9'10" (3.0)	9'10" (3.0)	12'5" (3.8)
Attachment to Tractor							
Hitch (CAT)	2/3	2/3	2/3	2	2	2	2
Pin hitch	-	-	-	-	-	0	0
PTO (RPM)	500 / 1000	1000	1000	1000	1000	540 • / 1000 o	540 • / 1000 o
Min. PTO horsepower req. (hp)	70	140	150	55	60	65	85
Operation							
Number of discs and blades	10 / 30	16 / 48	16 / 48	8 / 24	8 / 24	8 / 24	10 / 30
Remotes	1	2	2	1	1	2	2
Cutterbar operating range °	-15 / +15	-15 / +15	-15 / +15	-17 / +17	-17 / +17	-17 / +17	-17 / +17
Stubble height inch (mm)	0.78"-1.97" (20-50)	0.78"-1.97" (20-50)	0.78"-1.97" (20-50)	0.78"-1.97" (20-50)	1.97"-3.15" (50-80)	1.79"-3.94" (50-100)	1.79"-3.94" (50-100)
Other Features							
BreakAway	-	-	-	-	-	-	-
Non-Stop BreakAway	•	•	•	•	•	-	-
Overrun clutch	•	•	•	•	•	•	•
Friction clutch	•	•	•	-	-	•	•
Optional Equipment							
Swath boards (RH)	-	-	-	-	-	-	-
Swath discs (RH / LH)	•/0	•/0	•/0	•/0	•/0	0/0	0/0
High skids inch (mm) +0.8 /+1.6 /+3.2 (+20/+40/+80)	•/0/0	•/0/0	•/0/0	•/0/0	•/0/0	•/0/0	•/0/0
Lighting kit	0	0	0	0	0	•	•

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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