LM331
SURROUND & TRIM MOWER

LM331 SURROUND & TRIM MOWER OVERVIEW

Specifications			
Model		**LM331**	
Cutting Unit		**MC Unit**	**STD Unit**
Dimensions	**Total length**	254 cm	254 cm
	Total width	210 cm	210 cm
	Total height	195.5 cm	195.5 cm
Weight		910 kg	862 kg
Minimum turning radius		198 cm	
Engine	**Model**	Kubota D902-E4B	
	Type	Vertical water-cooled 4-cycle diesel engine	
	Total displacement	898 cm^3	
	Maximum output	13.1 kW (17.8 PS)/2,600 rpm	
Fuel tank capacity		Diesel 25.0 L	
Mowing width		183 cm	183 cm
Mowing height		8 – 45 mm (*1)	10 – 46 mm
Blades		7, 9	5, 7, 9
Drive		HST, 2WD/3WD selectable	
Speed (HST) – Forward	**2WD**	0 – 14.0 km/h	
	3WD	0 – 8.7 km/h	
Speed (HST) – Reverse	**2WD**	0 – 10.0 km/h	
	3WD	0 – 6.2 km/h	

*The factory default maximum engine rpm is 2,600 rpm.
(*1) For 0.394 in (10 mm) or less mowing height, the optional bedknife is required.

THE PERFECTION OF NATURE

BARONESS BARONESS





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LM331
SURROUND & TRIM MOWER

The LM331 is a high-quality, 3WD Surround and Trim Mower powered by a hydrostatic system. The simple design allows the LM331 to hug all the contours and undulations around the bunkers and surround areas on the golf course while creating a healthy cut and beautiful after cut.

The LM331 is equipped with precision-engineered sharp reel cutters, made from Baroness's own special steel and produced by proven craftsmanship and state of the art manufacturing technology.

There are two types of mowing units available: the higher-grade model, "MC unit (Multi-Configuration unit)" and the simpler, lightweight model,"STD unit (Standard unit)," providing options based on your market's needs.

The mower arms are equipped with two types of mechanisms - the first, absorbs the bouncing of the mowers to keep consistent down pressure. The next feature enables the mowers to follow the most severe undulations accurately while creating a beautiful finish.

The LM331 can mow beautifully and precisely according to the grass types or turf conditions, helping you create a high-quality turf.

OPENING AND CLOSING THE REEL COVER

The reel cover can be opened, closed, and adjusted in a single motion. The reel cover of the middle mower unit is usually difficult to access; however, the LM331 uses a mechanism that simultaneously allows both sides of the cover to open and close simply with one hand (only available with the STD unit).

TRANSFORMING
NATURE IS AN ART

BARONESS

MOWER UNIT OPTIONS

STD UNIT (STANDARD UNIT)

The STD unit is a newly-designed, lightweight and simple model.

The lightweight unit minimizes the stress on the turf while improving the climbing power of the mower.

The shorter distance between the front and rear rollers prevents scalping on heavily undulating surfaces and soft, mat-like surfaces.

MC UNIT (MULTI-CONFIGURATION UNIT)

The MC Unit is a newly-designed, higher grade model.

Equipped with B-ACT (Baroness Aggression Cutting Technology), the MC unit can adjust the cutting performance based on the conditions of the turf. The wider distance between the front and rear rollers and the weight of the unit provide great stability, contributing to the creation of a smooth surface. Even though the LM331's focus is approach areas, attaching a front groomer enables the machine to dethatch the turf.

The MC unit can attach both groomer and CR brush.

THE CRAFT OF PRECISION ENGINEERING

KUBOTA BARONESS

WHAT DO THE BARONESS REELS OFFER?

CONSISTENT HIGH QUALITY OF CUT DUE TO LONG-LASTING SHARPNESS...

- A clean consistent cut is maintained from the first hole cut in the beginning of the day to the last hole cut.
- The sharpness of the reel blade shears the grass cleanly and provides healthy cut grass and a beautiful after cut even when mowing fibrous grass.
- Frequent grinding is unnecessary due to the extreme hardness of our steel.
- Easy on-board back lapping setting saves service time.



LARGE CAPACITY FUEL TANK

The tank capacity is 6.6 25L, efficient enough for a day's continuous operation without refueling.



SEAT POSITION

The position and firmness of the seat can be adjusted to fit the operator's body type. This reduces the operator's fatigue even after long hours of mowing.



SELECTABLE 2WD & 3WD

The drive mode can be switched between 2WD and 3WD, allowing the mower to operate and perform smoothly anywhere.



DOWN PRESSURE MECHANISM

The down pressure mechanism keeps the mower unit from bouncing, allowing the unit to beautifully follow the contour.

SWING MECHANISM

The mower unit is equipped with a three-direction swing mechanism which allows the unit to accurately follow the most severe undulations. It also keeps the cutting units from sliding sideways when turning, allowing you to mow confidently while preventing the cutting units from scalping.



NEWLY-DESIGNED, EASY TO ATTACH/DETACH GRASS CATCHER

The grass catcher comes with a handle, allowing an easier grip and easier disposal of grass clippings and debris. It can be attached or detached in a single motion.

For Earth, For Life
Kubota