

## Option

Groomer



Dethatcher



Dethatching brush



Rear roller brush



Front scraper  
(with Groomer)



Front scraper  
(without Groomer)



Protective net



Reel cutter  
(7, 9, 11 blades)



# LM311

RIDING GREENS MOWER

## Specifications

Model		LM311		
Dimensions	Total length	250 cm	98.42 in	
	Total width	191 cm	75.20 in	
	Total height	Steering wheel	140 cm	55.12 in
		ROPS	195 cm	76.77 in
Weight	Machine:2WD (empty fuel tank)	without ROPS, Grass box, Groomer	682 kg	1503.6 lb
	Machine:3WD (empty fuel tank)	without ROPS, Grass box, Groomer	709 kg	1563.1 lb
	Grass boxes (for one machine)		15 kg	33.07 lb
	Groomers (for one machine)		10 kg	22.05 lb
	ROPS + Seatbelt		28 kg	61.73 lb
	Minimum turning radius		161 cm	63.39 in
Engine	Model	Kubota D722-E4B		
	Type	Vertical water-cooled 4-cycle diesel engine		
	Total displacement	719 cm <sup>3</sup> (0.719 L)	43.87 cu.in.	
	Rated output	12.4 kW (16.9 PS)/3,000 rpm		
Fuel tank capacity		Diesel 19.2 dm <sup>3</sup> (19.2 L)	Diesel 5.07 U.S.gals	
Operating width (Mowing width)		157 cm	61.81 in	
Operating height (Mowing height)		1.5 - 18.0 mm(for tees : 6.0 - 28.0 mm)	0.059 - 0.709 in(for tees : 0.236 - 1.102 in)	
Number of blades		7, 9, 11		
Drive	Traveling	HST 2WD [3WD (2WD/3WD selectable)]		
	Mowing	Hydraulic		
Speed (HST)	Forward	0 - 15.0 km/h	0 - 9.32 mph	
	Reverse	0 - 6.0 km/h [2WD selection of 3WD model : 0 - 9.0 km/h]	0 - 3.73 mph [2WD selection of 3WD model : 0 - 5.59 mph]	
Efficiency		7,536 m <sup>2</sup> /h (6.0 km/h x mowing width x 0.8)	1.8 acres/hour (3.73 mph x mowing width x 0.8)	
Maximum inclination for operation		15 degrees		
Tire size	Front wheel	Smooth 19 x 10.50-8 4P		
	Rear wheel	Smooth 19 x 10.50-8 4P		



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**BARONESS**  
Quality on Demand

# Meeting the needs of greenskeepers around the world

One important symbol for a good golf course is the condition of its greens. Baroness has created the LM311, its newest greens mower, after a series of improvements. It is equipped with the Baroness reel cutter which has been praised around the world for its high quality. The LM311 is sure to help any greenskeeper create an ideal turf.



## In pursuit of creating amazing greens

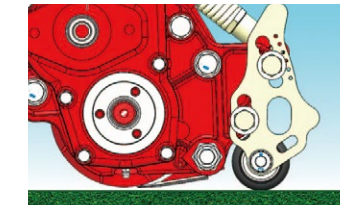
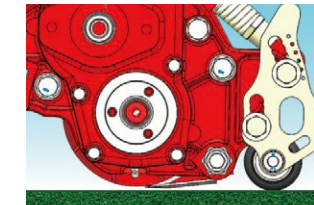
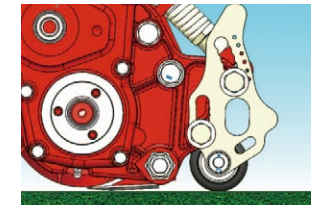
### Baroness reel cutter

Because of Baroness's unique manufacturing method, our reel cutter doesn't easily wear out and is long-lasting. It can maintain its cutting quality for a long time while mowing. With our manufacturing experience and expertise of over 50 years, many greenskeepers have come to trust the Baroness reel cutter for its quality.



### B-ACT for turf management

"B-ACT is a system for adjusting the angle of the bedknife. Through B-ACT, the turf condition can be modified to the required ball speed without changing the cutting height. B-ACT helps create the turf condition that greenskeepers worldwide aim for."

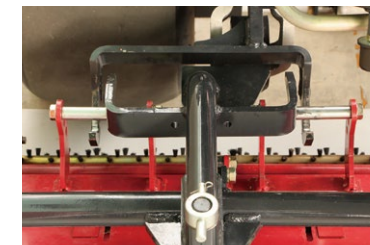


#### Selectable reel rotation speed



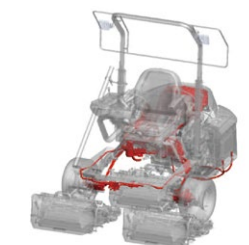
The reel rotation speed can easily be adjusted for optimal cutting based on the condition of the turf.

#### Flexible mower units



With improved supporting arms containing multiple fulcrums, the mower units can accurately follow the contour of any surface.

#### All hydraulic system



The all hydraulic system drives the reels, providing stable reel rotation and powerful cutting performance. It also simplifies maintenance and contributes to cost saving.

## Designed for comfortable and efficient



**Control panel**  
The centralized control panel improves operational efficiency.



**Vibration reduction design**  
The vibration reduction design reduces the operator's fatigue and helps prolong his concentration.

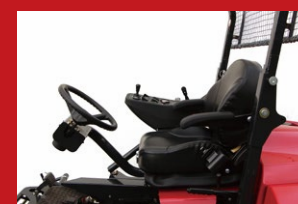


**Exhaust system**  
Exhaust noise is reduced.



**Slidable seat**  
The newly designed seat provides comfort and safety.

## operation



**Tilt steering**  
The adjustable tilt steering allows the operator to have a comfortable working posture.



**Covers open fully**  
All the covers can be opened and closed without tools. As a result, daily inspection is easy.



**Wider tires**  
Wider tires are used to distribute the machine's weight widely so that tire marks after mowing are reduced to the minimum.



**USB ports**  
It is equipped with two USB ports for charging devices like mobile phones.