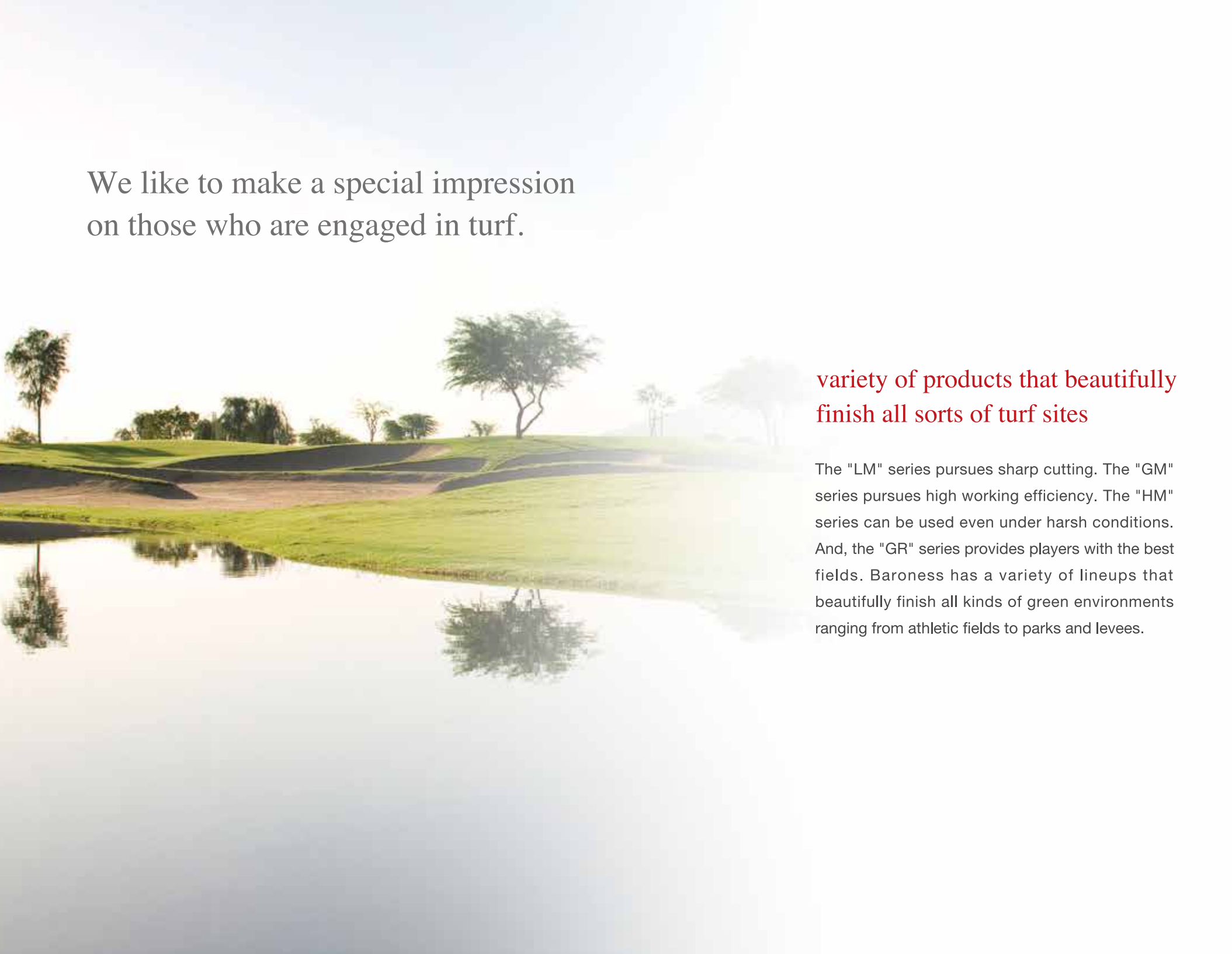


大地を
整美

Product Lineup



BARONESS
Quality on Demand



We like to make a special impression
on those who are engaged in turf.

**variety of products that beautifully
finish all sorts of turf sites**

The "LM" series pursues sharp cutting. The "GM" series pursues high working efficiency. The "HM" series can be used even under harsh conditions. And, the "GR" series provides players with the best fields. Baroness has a variety of lineups that beautifully finish all kinds of green environments ranging from athletic fields to parks and levees.



B-ACT

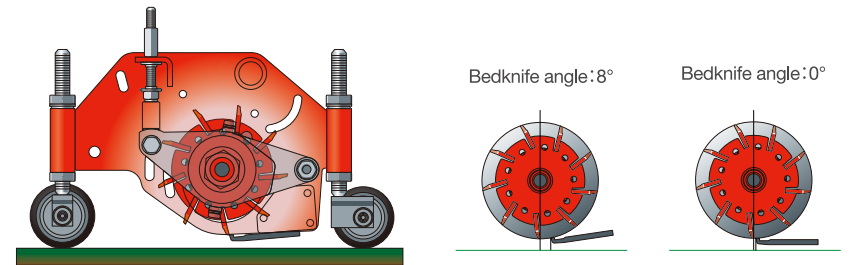
BARONESS Aggression Cutting Technology

B-ACT gives the world's superintendents unique optional settings to adjust the aggressiveness of their mowers to achieve their ideal conditions.

The cutting performance of the reel mower changes greatly depending on the positional relationship between the reel cutter and the bedknife. The bedknife blade attitude and the distance of the bedknife from the reel centerline defines the stance, Aggressive or Less Aggressive.

Baroness reel mowers are equipped with an adjustment mechanism to achieve variable mowing performances at the same HOC setting. We call this, B-ACT.

LM551 (LH Unit) 、LM331 (LH unit) 、LM2700_image



Aggressive? Less Aggressive?

Before cutting any grass, you should always check the conditions of the turf and adjust your cutting stance to better fit your needs. Baroness' goal is to assist in creating the best turf and playing conditions possible.



LM56GC

LM101

LM315GC

Heart of BARONESS

Most of the golf courses in Japan use Zoysia Japonica. Zoysia is well suited for Japan's climate because of its high tolerance for humidity and heat. Another characteristic of this grass is its strong fibrous component. To cut this grass clean and consistent, the cutting implement has to be constructed of strong durable metal with a sharp edge. How to cut Zoysia cleanly has been Baroness' primary goal in developing its products.

The appearance of the golf course and the health of the grass is very important. This is why it is especially important that Baroness cutting units can cut all types of grass cleanly and beautifully.

One main principle Baroness strongly believes in, is that a mower is a tool for cutting grass. In other words, our reels are the heart of the mower. Over the past 50 years, Baroness has experimented with different reel blades in order to create the ideal turf condition that superintendents seek. To achieve this goal, Baroness has continually improved the strength of the blades to develop a cutting unit that creates beautiful turf,

The Baroness reel cutter's high cutting quality comes from the casting technique traditionally used for Japanese sword making.

This is how the Baroness reel cutter was born. Through blending steels along with other special materials, and by developing innovative manufacturing processes, the quality of the Baroness reel cutter is second to none. The basic design of the Baroness reel cutter has not changed and has earned the highest notoriety.

What does 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.

LM18GC/56GC

Walk Behind Greens Mower



- Adoption of high-quality reel cutter made of high carbon steel.
- Front groomer capable of forward and reverse rotations.
- Reel cutter having high/low rotating capacity.
- IGCA (Independent Grass Catcher Arm) kit is available as optional.



New Designed "IGCA" kit



Groomer, De-thatch and Brush Kits are available as optional.

Specifications

	LM18GC	LM56GC
Length (with grass catcher)	55.5 in (141 cm)	55.5 in (141 cm)
Width (without travelling wheels)	33.1 in (84 cm)	37 in (94 cm)
Height (handle)	41.7 in (106cm)	
Weight (Total weight with Grass catcher and Travelling wheel)	207.23 lb (94 kg)	224.8 lb (102 kg)
Cutting Height	0.118-1.142 in (3.0-29.0 mm)	
Cutting Width	18.0 in (45.7 cm)	22.0 in (55.7 cm)
Number of Blade	11	9 or 11
Engine	HONDA GX120	
Speed	2.98 mph (4.8 km/h)	

LM101

Floating Head Greens Mower



- Adoption of high-quality reel cutter made of high carbon steel
- The cutting unit and grass catcher can be separated, so greens can be uniformly cut.
- Follows undulating surfaces.
- Reduce the damage of scalping on the greens.

Specifications

Length (with grass catcher)	61 in (155 cm)
Width (without travelling wheels)	37 in (94 cm)
Height (handle)	43.7 in (111 cm)
Weight (Total weight with Grass catcher and Travelling wheel)	251.3 lb (114 kg)
Cutting Height	0.118-0.551 in (3.0-14.0 mm)
Cutting Width	22 in (55.7 cm)
Number of Blade	9 or 11
Engine	HONDA GX120
Speed	2.9 mph (4.7 km/h)

TR50

EZ Carry



LM66GC/66TC

Walk Behind Tee Mower



B-ACT
BARONESS Aggression Cutting Technology

- Cutting width 26 inch.
- Recommended for use on tee grounds and approach areas around the greens.

Specifications

	LM66GC	LM66TC
Length (with grass catcher)	55.5 in (141 cm)	
Width (without travelling wheels)	40.5 in (103 cm)	
Height (handle)	41.7 in (106cm)	
Weight (Total weight with Grass catcher and Travelling wheel)	240.3 lb (109 kg)	235.9 lb (107 kg)
Cutting Height	0.118-1.142 in (3.0-29.0 mm)	0.117-1.142 in (4.5-29.0 mm)
Cutting Width	26 in (64.6 cm)	
Number of Blade	9 or 11	7
Engine	HONDA GX120	
Speed	2.98 mph (4.8 km/h)	

LM81A/81TA

Multi-Purpose Walk Behind Mower



- A multi-purpose mower suited for parks, sports fields, and golf courses.
- The floating unit shows its capability on surfaces with undulation.
- An optional sulky enables use as a riding mower.
- LM81TA is a tee mower with the Grass Catcher.

Specifications

	LM81A	LM81TA
Length (with grass catcher)	67.7 in (172 cm)	
Width (without travelling wheels)	37 in (94 cm)	
Height (handle)	44 in (112cm)	
Weight (Total weight with Grass catcher and Travelling wheel)	352.7 lb (160 kg)	366 lb (166 kg)
Cutting Height	0.393-1.969 in (10.0-50.0 mm)	0.197-1.772 in (5.0-45.0 mm)
Cutting Width	30 in (77 cm)	
Number of Blade	5	7
Engine	Meiki GB290LN 5.8 kW (8.0 PS) /2,000 rpm	
Speed	Forward : 2.9-7.2 mph (4.8-4.5 km/h) / Reverse : 2.2 mph (3.6 km/h)	

LM315GC

Riding Greens Mower

- Adoption of high-quality reel cutter made of high carbon steel.
- Front groomer capable of forward and reverse rotations.
- Flexible wire is used to reduce risk of oil leakage.
- Tilt steering and seat lifter provide variable riding position.
- Equipped with power steering .
- Select either a gasoline or diesel engines.



Groomer, De-thatch and Brush Kits are available as optional.



B-ACT
BARONESS Aggression Cutting Technology

Specifications

	Diesel	Gasoline
Length	84.65 in (215 cm)	
Width	79.92 in (203 cm)	
Height	51.97 - 55.51 in (132 - 141 cm)	
Weight (with ROPS and without Grass catcher, Groomer)	1,452.82 lb (659 kg)	1,316.14 lb (597 kg)
Cutting Height	0.059 - 0.709 in (1.5 - 18.0 mm)	
Cutting Width	59.84 in (152 cm)	
Number of Blade	9 or 11	
Engine	Kubota D722-E4B 12.4 kW (16.9 PS)/3,000 rpm	Vanguard 356447 13.2 kW (18.0 PS)/3,600 rpm
Speed	Forward : 0 - 9.32 mph (0 - 15.0 krn/h) Reverse : 0 - 3.73 mph (0 - 6.0 krn/h)	

Attachment



Vibration Roller Unit

Application: Compacting of greens and dropping of sand The use of a roller to compact the green will help alleviate any uneven spots to make the green smooth. Vibration is applied to move the top dressing of sand into the turf.
● Weight: 63.93lb(29kg)

Thatching Reel Unit

Application: Removal of thatch Spiral thatching blades penetrate the turf to remove thatch.
● Work width: 56.69in(144cm)
● Work depth: Maximum of 0.079in(2mm)



Rotating Brush Unit

Application: Picking up of thatch, debris, etc. A spiral brush picks up thatch, debris, etc. while improving the green surface at the same time.

Spiker Unit

Application: Ensures the permeability and breathability of the green A light aeration of the top surface improves permeability and breathability to assist in root development.
● Work depth: Maximum of 1.57in(40mm)



Brush unit for brushing green

Application: Pushing sand and top-dressing into the turf. Two interlocking brushes push the sand and top dressing into the turf.

LM331

Surround & Trim Mower

- Adoption of high-quality reel cutter made of high carbon steel.
- Selectable mower units of high grade model (LH unit) and standard model (LS unit).
- Vertical axis mower arms improve ability of following small undulation.



B-ACT
BARONESS Aggression Cutting Technology

Specifications

	LH Unit	LS Unit
Length	100 in (254 cm)	
Width	83.5 in (212 cm)	
Height	77 in (196 cm)	
Weight (with ROPS and without Grass catcher, Groomer)	2,006.17 lb (910 kg)	1,900.35 lb (862 kg)
Cutting Height	0.315-1.772 in (8.0-45.0 mm)	0.394-1.811 in (10.0-46.0 mm)
Cutting Width	72.05 in (183 cm)	
Engine	Kubota D902-E4B 13.4 kW (18.2 PS) / 2,600 rpm	
Speed	Forward : 0 - 8.70 mph (0 - 14.0 km/h) / Reverse : 0 - 6.22 mph (0 - 10.0 km/h)	

LM185B/185BW

Surround & Trim Mower



- Adoption of high-quality reel cutter made of high carbon steel.
- Front-riding two-speed reel mower with simple construction. (The drive /reel transmission is a belt-driven mechanical system.)
- Low center of gravity and wide-tread tires provide stability when working on slopes.

Specifications

	LM185B (2WD)	LM185BW (3WD)
Length	89 in (226 cm)	100 in (226 cm)
Width	77.6 in (197 cm)	83.5 in (197 cm)
Height	46.5 in (118 cm)	77 in (118 cm)
Weight (with ROPS and without Grass catcher, Groomer)	1,199 lb (544 kg)	1,270 lb (576 kg)
Cutting Height	0.393-1.575 in (10.0-40.0 mm)	
Cutting Width	70.87 in (180 cm)	
Engine	Vanguard 305447 11.8 kW (16.0 PS) / 3,600 rpm	
Speed	Forward : 0 - 7.7 mph (0 - 12.5 km/h) / Reverse : 0 - 5.3 mph (0 - 8.6 km/h)	Forward : 0 - 5.3 mph (0 - 8.6 km/h) / Reverse : 0 - 4.22 mph (0 - 6.8 km/h) *3WD

LM180C 3-Unit Reel Mower



- Lightweight design reduces fuel consumption and lawn damage.
- Equipped with differential lock to prevent slipping on slopes.

Specifications

Length	84.7 in (215 cm)
Width	72.8 in (185 cm)
Height	42.1 in (107 cm)
Weight (Total weight with Grass catcher and Travelling wheel)	844.4 lb (383 kg)
Cutting Height	0.511-1.969 in (13.0-50.0 mm)
Cutting Width	74 in (188 cm)
Engine	SUBARU EH30B 6.6 kW(9.0 PS)/1,800 rpm
Speed	Low : 1.9 mph (3.1 km/h) Second : 3.9 mph (6.4 km/h) Third : 5.8 mph (9.4 km/h)

LM281 Surround & Trim Mower



- 4WD and lightweight design provide expanded working area.
- Mower operates simply by lowering the operating lever.
- Gull-wing engine hood adopted to facilitate maintenance.
- Optional roller and caster unit is available.

Specifications

	26in	30in
Length	Mower Roller type : 104.3 in (265 cm) Mower Wheel type : 108.6 in (276 cm)	
Width	Working : 79.9 in (203 cm) Traveling : 79.9 in (203 cm)	Working : 92.5in (235 cm) Traveling : 82.6in (210 cm)
Height	46.4 in (118 cm)	
Weight (with ROPS and without Grass catcher, Groomer)	2,275.1 lb (1,032 kg)	1,900.35 lb (862 kg)
Cutting Height	Mower Roller type : 0.39 - 2.36 in (10 - 60 mm) Mower Wheel type : 0.74 - 2.67 in (19 - 68 mm)	
Cutting Width	70.87 in (180 cm)	83.46 in (212 cm)
Engine	Kubota D1105 18.5 kW (25.2 PS)/3,000 rpm	
Speed	Forward : 0 - 8.95 mph (0 - 14.4 km/h) / Reverse : 0 - 5.28 mph (0 - 8.5 km/h)	

LM285 5-Unit Reel Mower



- 4WD is an all-hydraulic system.
- 111.0in (282cm) width-of-cut.
- Can do the work of 4 mowers.
- Optional roller and caster unit is available.

Specifications

Length	Mower roller type : 104.3 in (265 cm) Mower wheel type : 108.6 in (276 cm)
Width	Working : 119.3 in (303 cm) Traveling : 92.1 in (234 cm)
Height	75.9 in (193 cm)
Weight (With ROPS)	2,641 lb (1,198 kg)
Cutting Height	Mower Roller type : 0.39-2.36 in (10-60 mm) Mower Wheel type : 0.74-2.67 in (19-68 mm)
Cutting Width	111.02 in (282 cm)
Engine	Kubota D1105-T 24.5 kW (33.3 PS)/3000 rpm
Speed	Forward : 0 - 8.95 mph (0 - 14.4 km/h) / Reverse : 0 - 5.28 mph (0 - 8.5 km/h)

LM551/551A

5-Unit Reel Mower

Tier4

B-ACT

BARONESS Aggression Cutting Technology



- The LM551 was designed to provide high-quality harvesting to all golf courses all over the world.
- The mower unit can be selected from three types of "5 inch diameter unit model", "high grade model", "lightweight and simple model" with new design.
- Adoption of high-quality reel cutter made of high carbon steel.
- 100.0in (254cm) width-of cut.

Specifications

		LM551	LM551A (compliant with EPA Tier 4)
Length		116.14 in (295 cm)	
Width		86.61 in (220 cm)	
Height		94.09 in (239 cm)	
Weight	LH52	(with Groomer, CR brush, ROPS, Light and Ball proof net without Grass catcher)	3,172 lb (1,439 kg)
	LH62	(with Groomer, CR brush, ROPS, Light and Ball proof net without Grass catcher)	3,373 lb (1,530 kg)
	LS62*66	(with CR brush, ROPS, Light and Ball proof net without Grass catcher)	3,238 lb (1,469 kg)
Cutting Height	LH52	0.197 - 0.787 in (5.0-20.0 mm)	
	LH62*66	0.315 - 1.772 in (8.0-45.0 mm)	
	LS62*66	0.394 - 1.811 in (10.0-46.0 mm)	
Operating width		100.00 in (254 cm)	
Engine		Kubota V1505-T-E3B 33.0 kW (44.2PS) / 3,000rpm	Kubota V1505T-E4B 33.0 kW (44.8PS) / 3,000rpm
Speed		Forward : 0 - 9.94 mph (0 - 16.0 km/h) / Reverse : 0 - 4.97 mph (0 - 8.0 km/h)	
Efficiency		6.03 ac/hr (9.94 mph×mowing width×0.8)/24,384 m ² /h (12.0 km/h×mowing width×0.8)	

LM531

5-Unit Reel Mower



- Adoption of high-quality reel cutter made of high carbon steel.
- Low center of gravity provides stability when working on slopes.
- Low center of gravity and lightweight design reduce foot pressure and avoid lawn damage.
- Fewer parts, easy to maintain, and reduced running costs.

Specifications

Length	119.3 in (303 cm)
Width	Working : 116.5 in (296 cm)
	Traveling : 86.6 in (220 cm)
Height	53 in (135 cm)
Weight	2,755.8 lb (1,250 kg)
Cutting Height	0.39-2.36 in (10-60 mm)
Cutting Width	99.2 in (252 cm)
Engine	Kubota D1105-E4B (Diesel) 17.3 kW (23.5 PS)/3,000 rpm
Speed	Forward : 0 - 9.94 mph (0 - 16.0 km/h) /
	Reverse : 0 - 4.97 mph (0 - 8.0 km/h)

LM2700

5-Unit Reel Mower



- Adoption of high-quality reel cutter made of high carbon steel.
- Fast traveling and working speeds get the job done quickly.
- Heavy-duty disc brakes for safe operation.
- 109.0in (277cm) width-of cut.
- Tilt steering and seat lifter provide variable riding position.
- Easy to maintain.
- Engine cover opens wide to facilitate maintenance work.
- 22in cutting unit optional. 100.0in (254cm) width-of-cut.

Specifications

	26in	22in
Length	118.11 in (300 cm)	
Width	Working : 124.41 in (316 cm) / Traveling : 89.76 in (228 cm)	Working : 115.35 in (293 cm) / Traveling : 89.76 in (228 cm)
Height	80.31 in (204 cm)	
Weight	3,977.07 lb (1,804 kg)	3,877.87 lb (1,759 kg)
Cutting Height	0.315 - 1.772 in (8-45 mm)	
Operating width	109.06 in (277 cm)	100.00 in (254 cm)
Speed (HST)	Forward : 2WD 13.67 mph (0-22 km/h) 4WD 0-8.70 mph (0-14 km/h) / Reverse : 0 - 4.97 mph (0-8.0 km/h)	
Engine	Kubota V2203-M 33.5 kW (45.3 PS)/2,600 rpm	
Speed (Mechanical)	Forward : 0 - 13.67 mph (0 - 22.0 km/h) / Reverse : 0 - 4.97 mph (0 - 8.0km/h)	
Efficiency	7.6 ac/hr (8.70 mph×mowing width×0.8)/ 31,024 m ² /h (14.0 km/h×mowing width×0.8)	7.0 ac/hr (8.70 mph×mowing width×0.8)/ 28,448 m ² /h (14.0 km/h×mowing width×0.8)

LM2400

5-Unit Reel Mower



- Adoption of high-quality reel cutter made of high carbon steel.
- Low center of gravity provides stability when working on slopes.
- Low center of gravity and lightweight design reduce foot pressure and avoid lawn damage.
- Fewer parts, easy to maintain, and reduced running costs.

Specifications

Length	119.3 in (303 cm)
Width	Working : 125.2 in (318 cm) / Traveling : 88.9 in (226 cm)
Height	77 in (196 cm)
Weight	2,905.6 lb (1,318 kg)
Cutting Height	0.39 - 2.36 in (10-60 mm)
Cutting Width	111.02 in (282 cm)
Engine	Kubota D1105-T 24.5 kW (33.3 PS)/3,000 rpm
Speed	Forward : 0 - 9.94 mph (0 - 16.0 km/h) Reverse : 0 - 4.97 mph (0 - 8.0 km/h)

LM3210A

5-Unit Reel Mower



Tier4

- A front 5-reel mower with the industry's No. 1 cutting width.
- The large-diameter reel units enable cutting long grass.
- The Kubota high displacement turbo engine, large wheel motor, and uniquely designed hydraulic circuit allow for stable operation on slopes.
- The damper installed on the lift cylinder controls the “shaking” of the mower unit.
- The large disc brake improves safety.
- A vertical axis and a horizontal axis are provided for fairway and rough operation, respectively.
- Baroness signature sharp cutting reel and bedknife, based upon Japanese sword making techniques.

Specifications

	LM3210A (Type_F)	LM3210A (Type_R)
Length	124.06 in (315 cm)	129.92 in (330 cm)
Width	Working : 144.49 in (367 cm) / Traveling : 92.52 in (235 cm)	Working : 144.88 in (368 cm) / Traveling : 92.91 in (236 cm)
Height	92.91 in (236 cm)	93.31 in (237 cm)
Weight	4,266 lb (1,935 kg)	4,288 lb (1,945 kg)
Cutting Height	0.394 - 2.362 in (10-60 mm)	0.669 - 2.677 in (17-68 mm)
Cutting width	125.98 in (320 cm)	
Blades	7	5
Engine	Kubota V2403-CR-TE5B 43.2 kW (58.7 PS)/2,400 rpm	
Speed	Forward : 0 - 9.63 mph (0 - 15.5 km/h) / Reverse : 0 - 3.73 mph (0 - 6.0 km/h)	
Efficiency	8.22 ac/hr (2WD : 8.08 mph×mowing width×0.8) / 33,280 m ² /h (2WD : 13.0 km/h×mowing width×0.8)	

LM3200

5-Unit Reel Mower

- A front 5-reel mower with the No. 1 cutting width in the industry.
- The large-diameter reel units enable cutting long grass.
- The Kubota high displacement turbo engine, large wheel motor, and uniquely designed hydraulic circuit allow for stable operation on slopes.
- Installing a damper on the lift cylinder controls the “shaking” of the mower unit.
- The large disc brake improves safety.
- A vertical axis and a horizontal axis are provided for fairway and rough operation, respectively.



Specifications

	LM3200 (Type_F)	LM3200 (Type_R)
Length	124.06 in (315 cm)	129.92 in (330 cm)
Width	Working : 144.49 in (367 cm) / Traveling : 92.52 in (235 cm)	Working : 144.88 in (368 cm) / Traveling : 92.91 in (236 cm)
Height	92.91 in (236 cm)	93.31 in (237 cm)
Weight	4,167 lb (1,890 kg)	4,189 lb (1,900 kg)
Cutting Height	0.394 - 2.362 in (10-60 mm)	0.669 - 2.677 in (17-68 mm)
Cutting width	125.98 in (320 cm)	
Blades	7	5
Engine	Kubota V2403-CR-TE 4B 43.2 kW(58.7 PS)/2,400 rpm	
Speed	Forward : 0 - 9.63 mph (0 - 15.5 km/h) / Reverse : 0 - 3.73 mph (0 - 6.0 km/h)	
Efficiency	8.22 ac/hr (2WD : 8.08 mph×mowing width×0.8) / 33,280 m ² /h (2WD : 13.0 km/h×mowing width×0.8)	

GM1700
Mid-Mount Rotary Mower



- Wide-tread tires and low center of gravity produce high performance when working on slopes in mountainous courses.
- 4WD system.
- The contour deck available.

Specifications

Length	100.4 in (255 cm)
Width	72.0 in (183 cm)
Height	77.6 in (197 cm)
Weight	1,962 lb (890 kg)
Cutting Height	1.3-3.7 in 35-95 mm
Cutting Width	59.4 in (151 cm)
Engine	Kubota D1105 17.8 kW (24.2 PS)/2,800 rpm
Speed	Forward : 0 - 9.9 mph (0 - 16.0 km/h) / Reverse : 0 - 8.7 mph (0 - 14.0 km/h)
Efficiency	1.49 ac/hr(3.1 mph x mowing width x0.8) / 6,040 m ² /h (5.0 km/h x mowing width x 0.8)

Attachment/Optional (For GM1700)

High Dump Sweeper



Grass Catcher



Mulching Blade



GM961/960TA
Mid-Mount Rotary Mower

- Continuously variable hydraulic transmission adjusts speed and travels forward and reverse with one pedal.
- Excellent slope performance and tight turning performance.
- Equipped with stepless cutting height adjustment.



Specifications

	GM961(Lug Tire)	GM960TA
Length	74 in (188 cm)	
Width	42.5 in (108 cm)	45.6 in (116 cm)
Height	33.4 in (85 cm)	35.8 in (91 cm)
Weight	623.9 lb (283 kg)	641.5 lb (291 kg)
Cutting Height	0.39-2.3 in (10-60 mm)	0.67-2.67 in (17-68 mm)
Cutting Width	37.8 in (96 cm)	
Blades	Flexible blade	
Engine	Vanguard 356777 0.4 gal (1.6 L) 13.2 kW(18.0 PS)/4,000rpm	
Speed	Forward : 0 - 5.9 mph (0 - 9.5 km/h) / Reverse : 0 - 2.4 mph (0 - 4.0 km/h)	

GM2810A

5-Unit Rotary Mower



Tier4

- The independent 27 inch rotary deck follows the grass contours on undulating terrain.
- The high displacement engine is suitable for operation on a slope.
- The right and left brakes work independently of each other for precise maneuverability.
- Easy rotary knife maintenance.
- All mower units are easy to access for maintenance purposes.
- Lifting the mower unit to the maximum height for more than two seconds automatically stops the knife from rotating.

Specifications

Length	145.7 in (370 cm)
Width	Working : 118.1 in (300 cm) / Traveling : 90.55 in (230 cm)
Height	90 in (230 cm)
Total Weight	4,585.5 lb (2,080 kg)
Cutting Height	0.787 - 3.602 in 20 - 91.5 mm
Cutting Width	110.24 in (280 cm)
Engine	Kubota V2403-CR-TE5B 43.2 kW (58.7 PS)/2,400 rpm
Speed	Forward : 0 - 9.94 mph (0 - 16.0 km/h) / Reverse : 0 - 3.73 mph (0 - 6.0 km/h)
Efficiency	4.98 ac/hr (5.59 mph x mowing width x 0.8) / 20,160 m ² /h (9.0 km/h x mowing width x 0.8)

GM2800B

5-Unit Rotary Mower



- Independently (uniquely) arranged 27-inch rotary unit follows ground undulations.
- 110.2in (280cm) width-of-cut.
- Rear-discharge mower unit.
- Equipped with large-displacement turbo engine and large-sized wheel motor for stability when traveling and working on slopes.

Specifications

Length	145.7 in (370 cm)
Width	Working : 118.1 in (300 cm) / Traveling : 90.55 in (230 cm)
Height	90 in (230 cm)
Weight	4,354 lb (1,975 kg)
Cutting Height	0.787 - 3.602 in 20 - 91.5 mm
Cutting Width	110.24 in (280 cm)
Engine	Kubota V2403-M-T 41.7 kW (56.7 PS)/2,600 rpm
Speed	Forward : 0 - 9.2 mph (0 - 14.8 km/h) / Reverse : 0 - 3.73 mph (0 - 6.0 km/h)
Efficiency _e	4.98 ac/hr (5.59 mph x mowing width x 0.8) / 20,160 m ² /h (9.0 km/h x mowing width x 0.8)



The entire mower can be raised for easy maintenance.



Independent left-right brakes adopted for zero turn capability.

FS1700 Riding Sweeper



Grass-catching bucket can be raised 68.9in (175cm) from ground.

- Rotating flange system adopted for improved grass-catching ability.
- Large opening facilitates cleaning work.
- Low-noise design.
- Tilt steering allows selection of suitable riding position.

Specifications

Length	151.6 in (385 cm)
Width	83.8 in (213 cm)
Height	87.0 in (221cm)
Weight	4,943 lbs (2,242 kg)
Operating width	59.1 in (150 cm)
Bucket Capacity	554.8 gal (2,100 L)
Engine	Kubota V2403-M 31.2 kW(42.4 PS)/2,400 rpm
Speed	Forward : 0 - 11.2 mph (0 - 18.0 km/h) / Reverse : 0 - 5.6 mph (0 - 9.0 km/h)
Maximum Ground Height of Bucket	63.0 in (160 cm)

FS900 Riding Sweeper

- Either urethane or rubber tires can be selected. Urethane tires have a hollow core so are tougher against breakage.
- Tires rotate around core and roller rolling pressure is applied simultaneously.
- Easy maintenance and adjustment.



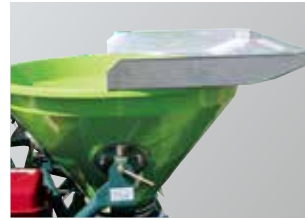
Specifications (Type: Rubber tires)

Length	100.4 in (255 cm)
Width	69.6 in (173 cm)
Height	58.2 in (148 cm)
Weight	1,506 lbs (683 kg)
Operating width	31.9 in (81 cm)
Bucket Capacity	109.3 gal (414 L)
Engine	Vanguard 356447 13.2 kW (18.0 PS)/3,600 rpm
Speed	Forward : 0 - 9.9 mph (0 - 16.0 km/h) / Reverse : 0 - 3.1 mph (0 - 5.0 km/h)
Maximum Ground Height of Bucket	63.0 in (160 cm)

MS300/300R Riding Spreader



MS300



Sand saucer (Optional)



MS300 (Spout)



MS300R (Spinner)

- This can spread sand evenly. No leveling required after spreading sand.
- The sand saucer (optional) helps to put joint sand into hopper.

Specifications

	MS300	MS300R
Length	99.6 in (253 cm)	96.0 in (244 cm)
Width	57.8 in (147 cm)	
Height	44.8 in (114 cm)	47.6 in (121 cm)
Weight	1,027.3 lb (466 kg)	1,000.8 lb (454 kg)
Operating width	157.4-196.8 in (4-5 m)	
Hopper Capacity	52.8 gal (200 L)	
Engine	Vanguard 305447 11.8 kW (16.0PS)/3,600 rpm	
Speed	Forward : 0 - 9.3 mph (0 - 15.0 km/h)	
Type of the spraying apparatus	Spout	Spinner

MS400 Riding Spreader

- For spreading light or heavy topdressing on the greens. Can also be used on slope area.
- Low center of gravity for improved operator safety.
- Tines leave minimal foot print.
- Low hopper placement for better sand distribution.



Specifications

Length	96.4 in (245 cm)
Width	72.8 in (185 cm)
Height	47.2 in (120 cm)
Weight	1,561 lbs (708 kg)
Operating width	41.3 in (105 cm)
Hopper Capacity	118.9 gal (450 L)
Engine	Kohler CH670S 16.4 kW (22.0 PS)/3,600 rpm
Speed	Forward : 0 - 8.3 mph (0 - 13.5 km/h)

SP05AW Bunker Rake



- Comes with power steering.
- Designed with low center of gravity for stability when working on slopes.
- Engine hood opens wide to facilitate maintenance work.

Specifications

Length	90.5 in (230 cm)
Width	74.8 in (190 cm)
Height	47.2 in (120 cm)
Weight	1,033.9 lb (469 kg)
Working Width	74.8 in (190 cm)
Engine	Vanguard 356447 13.2 kW (18.0 PS)/3,600 rpm
Speed	Forward : 0-7.9 mph (0-12.8 km/h) / Reverse : 0-2.9 mph (0-4.8 km/h)

RR1000A Greens Roller



- Less pressure on the ground, and minimizing the stress for turf.
- Designed to allow for smooth starting and stopping. A smooth ride and gentle turning.
- Self- contained hitch for towing.
- Large diameter rollers provide a smooth ride.
- HST (Hydro Static Transmission) design provides easy operation on slope area.

Specifications

Length	Working : 47.9 in (121.7 cm) / Traveling : 65.5 in (166.4 cm)
Width	47.8 in (121.5 cm)
Height	56.8 in (144.5 cm)
Weight	595.2 lb (270 kg)
Operating width	37.8 in (96 cm)
Engine	Vanguard 130G 4.0 kW (5.4 PS)/3,000 rpm
Speed	0-6.8 mph (0-11.0 km/h)

Optional (For SP05AW)



Finishing brush
Gives sand a beautiful finish after work and capable of one-touch angle adjustment.



Cultivator
Digs into the surface of hard-packed bunkers and gives sand a soft finish.



Front blade
Useful for repairing bunkers.



Optional cargo box



Optional light

TSM321 Tractor Mounted Verticutter



- With a PTO drive, the rotation speed is adjustable.
- Switching between the forward and reverse rotation of the blade is possible during dethatching and verticutting.

Specifications

Length	64.9 in (165 cm)
Width	102.3 in (260 cm)
Height	45.2 in (115 cm)
Weight	1,058 lbs (480 kg)
Operating width	82.7 in (210 cm)
Operating depth	0-1.2 in (0-3.0 cm)
Cutter	17 blades (each unit) 5 way-blade
Transportation	Tractor ; 3-point link lifting type
Speed of PTO rotation	Max. 400 rpm
Adaptive tractor	33.1 kW (45.0 PS) or more

*Not includes Tractor.

TDA1200/1600 Tractor Mounted Aerator



TDA1200



TDA1600

- Maximum working depth is 9.8in (25cm). < TDA1200 >
- Depth adjustment requires no tools.
- Working speed up to 1.3mph (2.2km/h). < TDA1200 >

Specifications

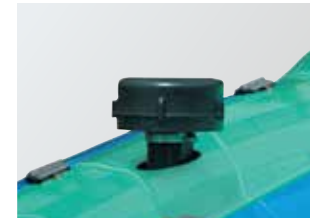
	TDA1200	TDA1600
Length	38.1 in (97 cm)	
Width	55.9 in (142 cm)	70.4 in (179 cm)
Height	33.4 in (85 cm)	
Weight	1,091.2 lb (495 kg)	1,278.6 lb (580 kg)
Operating width	49 in (117 cm)	61.42 in (156 cm)
Operating depth	Max. 9.84 in (25 cm)	Max. 7.09 in (18 cm)
Interval	2.56 in (6.5 cm) / 3.94 in (10 cm)	
Transportation	Tractor ; 3-point link lifting type	
Speed of PTO rotation	Max. 400 rpm	Max.1000 rpm
Adaptive tractor	13.2 kW (18.0 PS) or more	17.6 kW (24.0 PS) or more
Efficiency	0.5 ac/hr (0.99 mph x Operating width)	0.8 ac/hr (1.24 mph x Operating width)
	1,872 m ² /h (1.6 km/h x Operating width)	3,120 m ² /h (2.0 km/h x Operating width)

*Not includes Tractor.

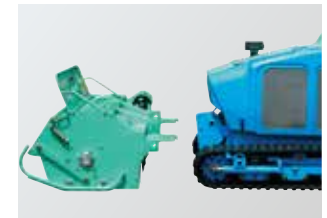
HM1560K Flail Mower



Rotary Mower Attachment



Comes with pre-cleaner unit.



Hitch system adopted for easy maintenance work.

- Knife is made of heat-treated, specially strong steel for high quality and high durability.
- Extra-large radiator for improved cooling performance. Equipped with reverse rotation function for blowing dust away.
- Crawler adopted for stability when working on slopes.
- Equipped with anti-theft capability.

Specifications

Length	114.5 in (291 cm)
Width	67.7 in (172 cm)
Height	55.1 in (140 cm)
Weight	3,573 lb (1,621 kg)
Cutting Width	60.6 in (154 cm)
Cutting Height	1.18-11.81 in (3-30 cm)*1
Engine	Kubota D1803-M-E3B 27.9 kW (37.9 PS)/2,700 rpm
Speed	Forward : 0-4.0 mph (0-6.5 km/h) / Reverse : 0-2.8 mph (0-4.5 km/h)
Maximum inclination for operation	35 degrees
Efficiency	1.97 ac/hr (4.0 mph×Cutting width×0.8) / 8,008 m ² /h (6.5 km/h×Cutting width×0.8)

*1 : The mower unit can be raised higher for maintenance. The maximum distance between the lowest knife point and ground is 42cm (16.54 in).



a normal direction, and the change of the reversal is optional



Optional chain is available for preventing scattering of projectiles.

HMB80 Flail Mower



- The low center of gravity design and double tires makes this machine suited for operation on slopes.
- For work in a large spaces such as river dikes, orchards, factory sites, golf courses and so on.

Specifications

Length	77.9 in (198 cm)
Width	37.8 in (96 cm)
Height	37.0 in (94 cm)
Weight	432.1 lb (196 kg)
Operating width	31.5 in (80 cm)
Operating Height	0.7-3.5 in (2-9 cm)
Number of Blade	72
Engine	Meiki GB300PN 7.3 kW(10.0 PS)/4,000 rpm
Speed	Forward : 1.2-4.2 mph (2.0-6.8 km/h) / Reverse : 0.9-1.5 mph (1.5-2.4 km/h)
Maximum inclination for operation	25 degrees
Efficiency	1.07 ac/hr (4.2 mph×Operating width×0.8) / 4,352 m ³ /h (6.8 km/h×Operating width×0.8)

HMB800 Flail Mower



- This Flail mower is equipped with a crawler. It adds safety and stability during operation on slopes.
- The flexible unit design allows for steady operation on steep slopes and uneven terrain.

Specifications

Length	85.4 in (217 cm)
Width	38.2 in (97 cm)
Height	38.6 in (98 cm)
Weight	720.9 lb (327 kg)
Operating width	31.5 in (80 cm)
Operating Height	0.7-3.5 in (2-9 cm)
Number of Blade	72
Engine	Meiki GB300PE 7.3 kW(10.0 PS)/4,000 rpm
Speed	Forward : 0.8-1.8 mph (1.4-3.0 km/h) / Reverse : 0.8 mph (1.4 km/h)
Maximum inclination for operation	25 degrees
Efficiency	0.47 ac/hr (1.8 mph×Operating width×0.8) / 1,920 m ³ /h (3.0 km/h×Operating width×0.8)

HMC950 Flail Mower



- HST (Hydraulic Static Transmission) design provides easy operation.
- For work in a large spaces such as river dikes, orchards, factory sites, golf courses and so on.

Specifications

Length	82.6 in (210 cm)
Width	45.2 in (115 cm)
Height	39.3 in (100 cm)
Weight	701 lb (318 kg)
Operating width	37.4 in (95 cm)
Operating Height	0.4-4.7 in (1-12 cm)
Number of Blade	80
Engine	Meiki GB400PE-402 9.5 kW(13.0 PS)/4,000 rpm
Speed	Forward : 0-3.5 mph (0-5.7 km/h) / Reverse : 0-1.4 mph (0-2.3 km/h)
Maximum inclination for operation	25 degrees
Efficiency	1.07 ac/hr (3.5 mph×Operating width×0.8) / 4,332 m ³ /h (5.7 km/h×Operating width×0.8)



KYOEISHA CO.,LTD

1-26 Miyuki-cho, Toyokawa-city, Aichi-pref, 442-8530 JAPAN
TEL +81-533-84-1390 FAX +81-533-89-3623