

BARONESS

Quality on Demand

RANGE BROCHURE



Baroness produces a variety of products, providing its customers with machinery and services best suited for their needs.

Baroness has a rich lineup of products that can meet the needs of everyone working on golf courses.

The Baroness cutting unit is carefully crafted by skilled workers using a high-carbon steel alloy produced by a special manufacturing process.

Baroness products represent 'excellence' with superb cutting quality, serviceability and longevity, and have received rave reviews from Greenkeepers/Course Managers worldwide.

LM331

3 Unit Reel Mower

B-ACT



- High-quality reel cutter made of high carbon steel alloy
- Large capacity fuel tank with excellent fuel consumption
- Vertical axis mower arms improve the ability to follow undulations

SPECIFICATIONS

Total length	254 cm
Total width	212 cm
Total height	196 cm
Total weight with LS unit	862 kg
Engine	Kubota D902-E4B 0.898 L 13.1 kW (17.8 PS) / 2,600 rpm
Mowing width	183 cm
Mowing height with LS unit	10 - 46 mm
Speed	Forward / 2WD: 0 - 8.7 mph (0 - 14.0 km/h) 3WD: 0 - 5.7 mph (0 - 8.7 km/h) Reverse / 2WD: 0 - 6.2 mph (0 - 10.0 km/h) 3WD: 0 - 3.8 mph (0 - 6.2 km/h)
Efficiency	2.9 ac/hr (11,712 m ² /h)
Number of blades	7 or 9
Cutting unit width	66 cm
Reel diameter	16.2 cm

LM315GC

Riding Greens Mower

B-ACT

- High-quality reel cutter made of high carbon steel alloy
- Front groomer capable of forward and reverse rotations
- Flexible drive cable is used to reduce risk of oil leakage
- Tilt steering and seat lifter provide variable riding position
- Equipped with power steering



SPECIFICATIONS

Total length	215 cm
Total width	203 cm
Total height	Steering Wheel 141cm
Total weight	without Grass catcher 659 kg
Engine	Kubota D722-E4B 0.719 L 12.4 kW (16.9 PS) / 3,000 rpm
Mowing width	152 cm
Mowing height	2.0 - 18 mm
Speed	Forward / 0 - 9.3 mph (0 - 15 km/h) Reverse / 0 - 3.7 mph (0 - 6.0 km/h)
Efficiency	1.8 ac/hr (7,296 m ² /h)
Number of blades	7 or 11

LM2700

5-Unit Reel Mower

B-ACT

- High-quality reel cutter made of high carbon steel alloy
- Fast transport and working speeds get the job done quickly
- Heavy-duty disc brakes for safe operation
- Tilt steering and seat lifter provide variable riding position
- Easy to maintain
- Engine cover opens wide to facilitate maintenance work



SPECIFICATIONS

Total length	300 cm
Total width	Working 320 cm Travelling 228 cm
Total height	220 cm
Total weight	1,804 kg
Engine	Kubota V2203-M 2.197 L 33.0 kW (44.9 PS) / 2,600 rpm
Mowing width	277 cm
Mowing height	8 - 45 mm
Speed	Forward / 2WD: 0 - 13.6 mph (0 - 22.0 km/h) 4WD: 0 - 8.7 mph (0 - 14.0 km/h) Reverse / 0 - 4.9 mph (0 - 8.0 km/h)
Efficiency	7.6 ac/hr (31,024 m ² /h)
Number of blades	9
Cutting unit width	66 cm
Reel diameter	16.2 cm

B-ACT

BARONESS Aggression Cutting Technology

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 of the cutting unit - 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.

(see our B-ACT brochure for more details).

LM551

5-Unit Reel Mower

B-ACT

- High-quality reel cutter made of high carbon steel alloy
- Market leading contour following
- Selectable high grade mower units LH52 and LH62
- 4WD Cross Circuit hydrostatic drive system
- Dual position rear cutting units
- Rear lift assist springs
- Suitable for links courses



SPECIFICATIONS

Total length	295cm
Total width Working Travelling	294cm 220cm
Total height	239cm
Total weight	1,530kg
Engine	Kubota V1505-T diesel
Mowing height	6 - 20 mm (LH52), 8 - 45 mm (LH62)
Speed	Transport Max – 18km/h Cutting Max – 12km/h Reverse Max – 8km/h
Number of blades	9
Cutting unit width	55.8 cm
Reel diameter	16.2 cm (LH62) / 12.7 cm (LH52)

LM2400

5-Unit Reel Mower

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



SPECIFICATIONS

Total length	303cm
Total width Working Travelling	318cm 226cm
Total height	196cm
Total weight	1,318 kg
Engine	Kubota D1105-T 1.123 L24.5 kW (33.3 PS) / 3,000 rpm
Mowing width	277cm
Mowing height	10 - 60mm
Speed	Forward / 0 - 9.9 mph (0 - 16.0 km/h) Reverse / 0 - 4.9 mph (0 - 8.0 km/h)
Efficiency	5.4 ac/hr (22,160 m ² /h)
Number of blades	9
Cutting unit width	66 cm
Reel diameter	16.2 cm

LM531

5-Unit Reel Mower



- The Cross Circuit Hydraulic Drive system and the low center of gravity design allow excellence climbing power
- Uniform weight distribution and light weight lead to lower treading stress
- The unit layout is designed to prevent uncut turf

SPECIFICATIONS

Total length	303 cm
Total width	220 cm
Total height	196 cm
Total weight	1,250 kg
Engine	Kubota D1105-E4B 17.3 kW (23.5PS) / 3,000rpm
Cutting width (Mowing width)	252 cm
Cutting height - (Adjusted mowing height)	10-60 mm
Number of blades	9
Speed	Forward: 0 - 16.0 km/h Reverse: 0 - 8.0km/h
Efficiency	20,160m ² /h (10.0km/h×width of working×0.8)
Cutting unit width	55.8 cm
Reel diameter	16.2 cm

LM3210

5-Unit Reel Mower



- High-quality reel cutter made of high carbon steel alloy
- Efficient 5-unit reel mower with wide cutters
- Damper system ensures smooth movement of the mower units

SPECIFICATIONS

		LM3210 (Type_F)
Total length		315 cm
Total width	Working Travelling	367 cm 235 cm
Total height		236cm
Total weight		1,935 kg
Engine		Kubota V2403-CR-TE4B 2.434 L 43.2 kW (58.7 PS) / 2,400 rpm
Mowing width		320cm
Mowing height		10 - 60 mm
Speed		Forward / 2WD: 0 - 9.6 mph (0 - 15.5 km/h) 4WD: 0 - 6.2 mph (0 - 10.0 km/h) Reverse / 0 - 3.7 mph (0 - 6.0 km/h)
Efficiency		8.2 ac/hr (33,280 m ² /h)
Number of blades		7
Cutting unit width		76.2 cm
Reel diameter		20.3 cm

LM281

3-Unit Reel Mower

- 4WD is an all-hydraulic system
- Mower operates simply by lowering the operating lever
- Gull-wing engine hood adopted to facilitate maintenance
- Optional roller and caster unit is available

SPECIFICATIONS

		LM281 (66 cm)	LM281 (99 cm)
Total length	Mower roller type Mower wheel type	265 cm 276 cm	
Total width	Working Travelling	203 cm 203 cm	235 cm 210 cm
Total height		193 cm	
Total weight		1,032 kg	1,047 kg
Engine		Kubota D1105 1.123 L 18.5 kW (25.2 PS) / 3,000 rpm	
Mowing width		180 cm	212 cm
Mowing height	Mower roller type Mower wheel type	10 - 60 mm 26 - 68 mm	
Speed		Forward / 0 - 8.9 mph (0 - 14.4 km/h) Reverse / 0 - 5.2 mph (0 - 8.5 km/h)	
Efficiency		2.9 ac/hr (11,520 m ² /h)	3.4 ac/hr (13,568 m ² /h)



LM56GC/66TB

Walk Behind Greens Mower Walk Behind Tee Mower

- High-quality reel cutter made of high carbon steel alloy
- Front groomer capable of forward and reverse rotations
- These mowers are adopted by premier golf courses throughout the world, including courses where professional tournaments are held.

SPECIFICATIONS

		LM56GB	LM66TB
Total length	with grass catcher	141 cm	
Total width	without travelling wheel	94 cm	103 cm
Total height	steering handle	106 cm	
Total weight	with grass catcher and travelling wheels	99.4 kg	104 kg
Engine		Honda GX120, 2.6 kW (3.5 PS) @ 3,600 rpm	
Mowing width		55.7 cm	64.6 cm
Mowing height		2.0 - 28.5 mm	4.5 - 29.0 mm
Number of blades		11	7
Speed		2.9 mph (4.8 km/h)	2.7 mph (4.4 km/h)
Efficiency		0.5 ac/hr (2,139 m ² /h)	0.5 ac/hr (2,274 m ² /h)

B-ACT



*Picture shows IGCA kit fitted as a optional extra

LM101

Floating Head Greens Mower

B-ACT

- High-quality reel cutter made of high carbon steel alloy
- Follows undulating surfaces
- The cutting unit and grass catcher are independent of each other so greens can be cut uniformly
- Reduces the likelihood of scalping on the greens



SPECIFICATIONS

Total length	with grass catcher	152 cm
Total width	without travelling wheel	93 cm
Total height	steering handle	100 cm
Total weight	with grass catcher and travelling wheels	109 kg
Engine		HONDA GX120 0.118 L 2.6kW (3.5 PS) / 3,600 rpm
Mowing width		55.7 cm
Mowing height		2.0 - 15.0 mm
Number of blades		9 or 11
Speed		2.9 mph (4.7 km/h)
Efficiency		0.5 ac/hr (2,094 m ² /h)

LM180C

3-Unit Reel Mower

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



SPECIFICATIONS

Total length		215 cm
Total width	Working	208 cm
	Travelling	185 cm
Total height		42.1 in 107 cm
Total weight		383 kg
Engine		SUBARU EX30B 1(0.291 L 6.6kW (9.0PS) / 1,800 rpm
Mowing width		188 cm
Mowing height		13 - 50 mm
Speed		Forward: Low 1.9 mph (3.1 km/h) Second 3.9 mph (6.4 km/h) Third 5.8 mph (9.4 km/h) Reverse: Low 1.9 mph (3.1 km/h)
Efficiency		2.3 ac/hr (9,630 m ² /h)
Number of blades		7
Reel diameter		16.2 cm

GM1700

Mid-Mount Rotary Mower

- 4WD system
- Contour and Rear Discharge decks available
- Wide tread tyres and low center of gravity produce high performance when working on slopes in hilly courses
- 1.8 metre solid rear discharge deck option



SPECIFICATIONS

Total length	255 cm
Total width	183 cm
Total height	197 cm
Total weight	890 kg
Engine	Kubota D1105 68.53 1.123 L 17.8 kW (24.2 PS) / 2,800 rpm
Mowing width	151 cm
Mowing height	35 - 95 mm
Speed	Forward / 2WD: 0 - 9.9 mph (0 - 16.0 km/h) 4WD: 0 - 4.7 mph (0 - 8.0 km/h) Reverse / 2WD: 0 - 8.7 mph (0 - 14.0 km/h) 4WD: 0 - 4.3 mph (0 - 7.0 km/h)
Efficiency	1.5 ac/hr (6,040 m ² /h)

GM2810

5-Unit Rotary Mower

- The independent 27 inch rotary decks follow the contours on undulating terrain
- The high displacement engine is suitable for operation on slopes
- All mower units are easy to access for maintenance purposes
- Easy rotary knife maintenance
- High Productivity, very Clean Cut, Excellent Slope performance



SPECIFICATIONS

Total length	370 cm
Total width	Working 300 cm Travelling 230 cm
Total height	230 cm
Total weight	2,090 kg
Engine	Kubota V2403-CR-TE4B 2.434 L 43.2 kW (58.7 PS) / 2,400 rpm
Mowing width	280 cm
Mowing height	20 - 91.5 mm
Speed	Forward / 2WD: 0 - 9.9 mph (0 - 16.0 km/h) 4WD: 0 - 5.6 mph (0 - 9.0 km/h) Reverse / 0 - 3.7 mph (0 - 6.0 mph)
Efficiency	4.9 ac/hr (20,160 m ² /h)

SPO5A/AW

Bunker Rake

- Comes with power steering
- Designed with low center of gravity for stability when working on slopes
- Selectable 2WD/3WD



SPECIFICATIONS

SPO5AW (3WD)	
Total length	215 cm [with front blade 230 cm]
Total width	190 cm
Total height	120 cm
Total weight	469 kg
Engine	Vanguard 356447 (0.57 L 13.2 kW (18.0 PS) / 3,600 rpm
Mowing width	190 cm
Mowing height	17 - 68 mm
Working width	Forward / 0 - 7.9 mph (0 - 12.8 km/h)
Speed	Reverse / 0 - 3.7 mph (0 - 6.0 km/h)

TDA1200/1600

Tractor Mounted Aerator Tractor Mounted Aerator

- Maximum working depth is 25cm (TDA1200)
- Depth adjustment requires no tools
- Working speed up to 1.2mph (2.0km/h) (TDA1600)



TDA1600*

TDA1200*

*Tractor not included.

SPECIFICATIONS

	TDA1200	TDA1600
Total length	97 cm	
Total width	142 cm	179 cm
Total height	85 cm	
Total weight	495 kg	580 kg
Adaptive tractor	Over 13.2 kW (18.0 PS)	Over 17.6 kW (24.0 PS)
Working width	117 cm	156 cm
Interval	6.5 - 10 cm	
Working depth	Max 25 cm	Max 18 cm
Speed of PTO rotation	Max 400 rpm	Max 1,000 rpm
Efficiency	0.5 ac/hr (1,872 m ² /h)	0.8 ac/hr (3,120 m ² /h)

TR50

SPECIFICATIONS

- Simple and easy loading and unloading of mower
- The front roller is elevated and does not come into contact with the trailer during transport
- TR50 can easily adjust to accommodate different mower widths
- Available in 2 loading options: Drum version or Tyre version



*Mower not included

Model	TR50		
Type (Loading method)	Mower drum	Mower tyres	
Dimensions	Total length	266 cm	273 cm
	Total width	138 cm	↔
		147 cm	↔
Total height	157 cm	↔	
Weight	41 cm	↔	
Tire size	58 kg	69 kg	
Applicable towing vehicle	16x6.50-8		
Towing Capacity	200 kg or more	↔	



TAKUMI is the name for master craftsmen with superior talent and commitment, who have learned a traditional Japanese craft and elevated it to an art form. Many Baroness employees are Takumi, who have trained themselves to the level of master craftsman and are responsible throughout the cylinder and blade manufacturing process. Baroness applies the forging techniques of traditional Japanese sword making to their own manufacturing process. This is why Baroness' cylinders and blades are far superior, durable and long-lasting.

 Safety notes

- Read the Owner's Operating Manual and other training material carefully.
- Be familiar with the controls, safety signs and the proper use of equipment before operation.

 Assurance inspection

- Regular inspection of the machine ensures long-lasting superior performance and safety.
- There are parts of machine prone to wear and deterioration from long periods of use.
- Please consult with local dealer or distributor for proper inspection and maintenance schedule.

Your dealer



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