## Specifications

<table>
<thead>
<tr>
<th>S-Unit (Real Mower)</th>
<th>LM2700</th>
<th>LM2400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutting unit width</td>
<td>26 in</td>
<td>22 in</td>
</tr>
<tr>
<td>Total length</td>
<td>118.11 in / 300 cm</td>
<td>119.29 in / 303 cm</td>
</tr>
<tr>
<td>Total width - Operation</td>
<td>125.98 in / 320 cm</td>
<td>119.93 in / 297 cm</td>
</tr>
<tr>
<td>Total width - Transport</td>
<td>89.76 in / 228 cm</td>
<td>89.76 in / 228 cm</td>
</tr>
<tr>
<td>Total height - ROPS</td>
<td>80.31 in / 204 cm</td>
<td>77.68 in / 197 cm</td>
</tr>
<tr>
<td>Weight (lbs/empty)</td>
<td>3977.07 lb / 1.804 kg</td>
<td>3932.86 lb / 1.784 kg</td>
</tr>
<tr>
<td>Maximum turning radius</td>
<td>120 ft</td>
<td>110.24 in / 280 cm</td>
</tr>
<tr>
<td>Engine - Model</td>
<td>Kubota V2203-M</td>
<td>Kubota D1105-T (Diesel Turbo)</td>
</tr>
<tr>
<td>Engine - Type</td>
<td>Vertical liquid-cooled 4-cylinder diesel engine</td>
<td>Vertical liquid-cooled 4-cylinder diesel engine</td>
</tr>
<tr>
<td>Engine - Total displacement</td>
<td>134.05 cu/in, 2.197 cm³ (2.197 L)</td>
<td>66.52 cu/in, 1.092 cm³ (1.092 L)</td>
</tr>
<tr>
<td>Engine - Maximum output</td>
<td>33.5 kW (45.3 PS) / 4,600 rpm</td>
<td>24.5 kW (33.3 PS) / 4,000 rpm</td>
</tr>
<tr>
<td>Operating width (Mowing width)</td>
<td>103.06 in / 262 cm</td>
<td>100.00 in / 254 cm</td>
</tr>
<tr>
<td>Operating height (Mowing height)</td>
<td>0.215 - 1.772 in / 8.695 mm (*)</td>
<td>0.394 - 2.362 in / 10.06 - 60 mm</td>
</tr>
<tr>
<td>Blades</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>Drive</td>
<td>HST, 2WD/4WD selectable</td>
<td>HST full time 4-wheel drive</td>
</tr>
<tr>
<td>Speed (HST) - Forward</td>
<td>2WD: 0 - 11.67 mph / 0 - 18.80 km/h</td>
<td>0 - 9.84 mph / 0 - 16.00 km/h</td>
</tr>
<tr>
<td>4WD: 0 - 8.70 mph / 0 - 14.00 km/h</td>
<td>0 - 9.84 mph / 0 - 16.00 km/h</td>
<td></td>
</tr>
<tr>
<td>Speed (HST) - Reverse</td>
<td>0 - 4.97 mph / 0 - 8.00 km/h</td>
<td>0 - 4.97 mph / 0 - 8.00 km/h</td>
</tr>
</tbody>
</table>

### Safety Notes
- Read the owner’s operating manual andamaha handling materials.
- 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 optimal performance and safety. There are points of machine service to wear and deterioration from frequent periods of use.
- Please consult with local dealer or distributor for proper inspection and maintenance schedule.

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*Note: Specifications and design are subject to change without notice.*

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*Baroness is a global brand of Kubota Co., Ltd.*
Finest cut in the industry.

Beautiful finish

“BARONESS Reels” is recognized by the world’s superintendents for its hardness, durability and sharpness that provides a clean cut and creates beautiful and healthy turf.

Easy to maintain

Standard on-board back lapping, easy access for service and the scheduled maintenance areas help reduce service and maintenance time.

Built for comfort

Spacious cockpit with comfortable adjustable seat, easy to adjust steering tilt, ergonomic control panel and clear visibility lets the operator work comfortably for long hours with little fatigue.

Reliable

With over 50 years of experience in the turf care industry we manufacture machines that are well built and long-lasting that can consistently perform at a high level and are proven to be excellent in durability.

Low cost of ownership

The reels hardness and durability combined with easy HOC and angle setting makes for easy and quick maintenance. Baroness leads the industry in equipment designed to perform at the highest level, with the least amount of maintenance required. Saving money by reducing labor and replacement parts.

Quality on Demand
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 cleanly and consistently, 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 real was born. Through blending steels along with other special materials, and by developing innovative manufacturing processes, the quality of the BaroNeSS reel is second to none. The basic design of the BaroNeSS reels 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 real blade cleans the grass cleanly and produces healthy cut grass and a beautiful cut even when moving through grass.
- Frequent grinding is unnecessary due to the extreme hardness of our steel.
- Easy on-board back-lapping setting saves service time.

B-ACT of LM 2700

**Aggressive**
- The angle or attitude of the bedknife is more pronounced and the distance of the bedknife is farther from the real centerline. This more aggressive blade path provides the cleanest cleanest cut for the grass while creating the best visual and playing conditions.
- The adverse side of this aggressive setting is that any variations in conditions can be visibly noticeable and at times undesirable.

**Less Aggressive**
- The distance of the bedknife to the real centerline is positioned closer and the angle or attitude of the bedknife is decreased. This stance can visually mask imperfections of the lawn but also allows for more aggressive or uneven cut grass.

Model with B-ACT
LM19.56.66GB, LM315GC
The LM2700 is designed to cut fairways cleanly and efficiently. The cutting units hug the contours of the fairways, even when operating at higher speeds. This allows the operator to confidently cut the turf cleanly at a consistent HOC without the cutting units lifting or jumping. The LM2700 has a tight turning radius, so you can easily and quickly maneuver around the course and from hole to hole. Furthermore, with a high output engine of 37.5 kW and a comfortable cockpit, the operator can work with less fatigue even when driving for a long duration of time.

Characteristics of the LM2700

1. Providing the best cut
   BAGT mower units cut all types of grass cleanly, creating a healthier turf. 22 inch mower units can be selected to precisely follow undulated fairways. The optional undulation support kit further improves undulation contouring.

2. Reel rotation adjustment
   By changing the reel rotation speed, depending on the current length of the grass and the desired HOC, a higher quality of cut can be achieved.

3. Outstanding ease of access
   At Barns by we understand the needs of the operator and service technician. Rear mower units swing out and can be easily adjusted and maintained.

4. Options to better improve the turf
   Front groomers stand up the turf to help remove dead leaf material and thatch. The rear roller brush keeps the rear roller clean enabling a consistent cutting height.

The LM2400 is a turf-friendly light weight fairway mower that produces big results. The LM2400 is a light weight fairway mower with low ground pressure, low center of gravity and the crossover circuit drive system that optimizes the driving force for all four wheels to maintain traction, stability and high performance when operating especially on slopes.

By adopting a 26 inch mower unit, a large capacity rear motor and minimal distance between cutting units, the LM2400's wide mowing width lets the operator mow confidently with no loss of overlapping when mowing on slopes or taking tight turns.

Characteristics of the LM2400

1. Safe and turf-friendly
   The low center of gravity minimizes the weight transferred to all four wheels, optimizing traction capability even on wet slopes, and enables stable work without skidding or sliding sideways. Barns® Crossover Circuit Drive System combines the turning performance of a parallel circuit design with the climbing capabilities of a series circuit. This provides the LM2400 with excellent driving performance to all four wheels even on steep or sloping terrains. This eliminates the need for choosing the cutting direction and allows for more efficient work.

2. Light weight - Low ground pressure
   With a light weight of 1000 kg, the wide tires reduces the ground pressure that can cause damage to the turf.

3. Optimum cutting performance
   Designed with the shortest possible distance between the rear cutting units and the front cutting units there is no uneven cutting when turning. No loss of overlap when mowing on sloped terrain.

4. Maintaining a consistent quality of cut
   The rear roller brush keeps the rear roller clean enabling a consistent cutting height.