5-Unit Reel Mower

LM3210

BARONESS is the global brand of Kyoeisha Co. Ltd.
OUR PREMIUM HEAVY-DUTY MOWER

Equipped with the most durable and sharpest reel cutters created from an original steel combination and made exquisitely by proven craftsmanship and cutting edge manufacturing technologies.

The LM3210 leaves a beautiful finished cut even in harsh working conditions. With a cutting width of 3.2 metres, no. 1 in the industry for a 5-unit reel mower, combined with a minimum turning radius of just 3.2 metres enables the LM3210 to cover vast fairway and rough areas.

Climbing capacity is boosted by a Kubota large displacement turbo clean engine and original hydraulic circuit drive system, enabling an unmatched work performance on embankments. A mower that has it all - unparalleled power, high work efficiency and an aftercut that has a beautiful finish, equipped with all the functions suited for fairway and rough conditions; that’s the “LM3210”.

UNPARALLELED POWER, HIGH WORK EFFICIENCY, AND BEAUTIFUL FINISH

LM3210 FEATURES

RAZOR SHARP REEL CUTTER
Baroness’ reel cutters are made from an original steel combination to achieve the hardness and tenacity of Japanese swords. The hardness of the reel cutter and bedknife is designed to avoid cutting edge wear. The precise mating surface increases the durability and life of both your reel and bedknife. Baroness’ reel cutters are made with tested and proven craftsmanship along with cutting edge manufacturing technologies through 16 work processes, to help maintain and provide healthy turfs unsusceptible to diseases.

DAMPER ARM SYSTEM (PATENT PENDING)
A damper is installed in the lift/lower cylinders to reduce bouncing of the cutting units. The units follow the undulations smoothly and are stable at high speeds, leaving a cleaner mowing finish than ever before.

TIER 4 CLEAN ENGINE EMISSION REGULATION COMPLIANT
Equipped with a Tier 4 emission regulation compliant, large displacement Kubota turbo engine. Our clean engine utilizes the latest technologies to address global environment issues while still achieving lower fuel consumption and better fuel economy with unparalleled power.

SIMPLE MAINTENANCE
Rear gull wing opening ensures easy access and room for maintenance. All cutting units can flip upwards for easy accessibility and maintenance.

COMFORTABLE OPERATING AREA
All of the operator controls are configured on the right side of the driver’s seat and positioned with ease of use, accessibility and function in mind. Amenities such as tilt steering, suspension seat with multiple adjustments and a cup holder allows for optimal operator comfort and reduce fatigue.

LINEUP
The LM3210 can be equipped to cut Fairways or Roughs giving the user options for better performance and a cleaner cut in varied areas and usage.
<table>
<thead>
<tr>
<th>Model</th>
<th>LM3210</th>
<th>Type_F</th>
<th>Type_R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total length</td>
<td>124.06 in</td>
<td>315 cm</td>
<td>129.92 in</td>
</tr>
<tr>
<td>Total width</td>
<td>144.49 in</td>
<td>367 cm</td>
<td>144.88 in</td>
</tr>
<tr>
<td>During operation</td>
<td>92.52 in</td>
<td>235 cm</td>
<td>92.91 in</td>
</tr>
<tr>
<td>During transport</td>
<td>64.96 in</td>
<td>165 cm</td>
<td>65.35 in</td>
</tr>
<tr>
<td>Total height</td>
<td>89.76 in</td>
<td>228 cm</td>
<td>90.16 in</td>
</tr>
<tr>
<td>Roof</td>
<td>89.76 in</td>
<td>228 cm</td>
<td>90.16 in</td>
</tr>
<tr>
<td>Steering wheel</td>
<td>64.96 in</td>
<td>165 cm</td>
<td>65.35 in</td>
</tr>
<tr>
<td>Weight (with ROPS, roof and empty fuel tank)</td>
<td>4254.85 lb</td>
<td>1,930 kg</td>
<td>4276.90 lb</td>
</tr>
<tr>
<td>Minimum turning radius</td>
<td>125.98 in</td>
<td>320 cm</td>
<td></td>
</tr>
</tbody>
</table>

**Engine**

- **Model**: Kubota V2403-CR-TE4B
- **Type**: Vertical water-cooled 4-cycle diesel engine with turbocharger
- **Total displacement**: 148.51 cu.in. (2,434 cm³)
- **Maximum output**: 43.2 kW (58.9 PS) / 2,400 rpm

**Operating width (Mowing width)**

- LM3210: 125.98 in | 320 cm
- 124.06 in | 315 cm

**Operating height (Mowing height)**

- LM3210: 0.394 - 2.362 in | 10 - 60 mm
- 0.669 - 2.677 in | 17 - 68 mm

**Blades**

- 7

**Drive**

- HST, 2WD/4WD selectable

**Speed**

- **Forward**: 2WD 0 - 9.63 mph | 0 - 15.5 km/h, 4WD 0 - 6.22 mph | 0 - 10.0 km/h
- **Reverse**: 0 - 3.73 mph | 0 - 6.0 km/h

**Efficiency**

- 81 acres/hour (2WD: 8.08mph x mowing width x 0.8), 88 acres/hour (4WD: 5.5mph x mowing width x 0.8)

**Maximum inclination for operation**

- 15 degrees

**Tyre size**

- **Front wheel**: 31 x 13.50 - 15 | 31 x 15.50 - 15
- **Rear wheel**: 20 x 12.00 - 10

**Tyre pneumatic pressure**

- **Front wheel**: 20.30 psi | 140 kPa (1.4kgf/cm²)
- **Rear wheel**: 20.30 psi | 140 kPa (1.4kgf/cm²)

*The factory default maximum engine rpm is 2,600 rpm. [GB/US]*

**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.

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