# HR700 / HR800

**Specifications**

<table>
<thead>
<tr>
<th>Engine</th>
<th>HR700</th>
<th>HR800</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Kubota® V2403-CR-T4F 4-cyl, turbo diesel</td>
<td>Kubota® V3307-CR-DE8 4-cyl, turbo diesel</td>
</tr>
<tr>
<td>Horsepower*</td>
<td>65.2HP (48.6 kW) @ 2700 rpm</td>
<td>74.3 hp (55.4 kW) @ 2600 rpm</td>
</tr>
<tr>
<td>Emission Level</td>
<td>EPA Tier 4 Final</td>
<td>EPA Tier 4 Final (EU Stage IIIB)</td>
</tr>
<tr>
<td>Cooling System</td>
<td>Side-by-side radiator/hydraulic oil cooler; pressurized; (8 qt (7.6 L) capacity, 8.5 ft² per inch)</td>
<td>Side-by-side radiator/hydraulic oil cooler; reversing fan; pressurized; (14.7 qt (13.6 L) capacity, 8.5 ft² per inch)</td>
</tr>
<tr>
<td>Fuel Capacity</td>
<td>20.4 gal (77.1 L)</td>
<td>29.5 gal (109.8 L)</td>
</tr>
<tr>
<td>Electrical System</td>
<td>12-volt, input/output controller.</td>
<td>12-volt, input/output controller.</td>
</tr>
<tr>
<td>Traction System</td>
<td>Hydrostatic closed loop parallel-cross-series SureTrac™ system; variable displacement piston pump; front high torque piston wheel motors (HR700 - fixed displacement, HR800 - dual displacement); full time auto/AWD on demand in reverse.</td>
<td>Variable displacement, electronically controlled hydrotact piston pump.</td>
</tr>
<tr>
<td>Hydraulic Capacity</td>
<td>13.3 gal (50.2 L) capacity reservoir</td>
<td>20.3 gal (76.8 L) capacity reservoir</td>
</tr>
<tr>
<td>Hydraulics System</td>
<td>O-ring face seal fittings, 10 micron remote charge filters, suction screen at tank, oil cooler side by side radiator, diagnostic test ports.</td>
<td>O-ring face seal fittings, 10 micron remote charge filters, suction screen at tank, oil cooler side by side radiator, diagnostic test ports.</td>
</tr>
<tr>
<td>Speed (Max)</td>
<td>10 mph (16.4 km/h)</td>
<td>11 mph (17.7 km/h)</td>
</tr>
<tr>
<td>Tires, Brakes &amp; Steering</td>
<td>15.5 mph (25 km/h)</td>
<td>16.3 mph (26.2 km/h)</td>
</tr>
<tr>
<td>Reverse</td>
<td>4 mph (6.4 km/h)</td>
<td>5 mph (8.0 km/h)</td>
</tr>
<tr>
<td>Deck Drive</td>
<td>Nine individually controlled rotary decks</td>
<td>Nine individually controlled rotary decks</td>
</tr>
<tr>
<td>Overcut Capacity</td>
<td>8.5 fins per inch</td>
<td>8.5 fins per inch</td>
</tr>
<tr>
<td>Cutting Units</td>
<td>Three individually controlled rotary decks</td>
<td>Three individually controlled rotary decks</td>
</tr>
<tr>
<td>Weight &amp; Dimensions</td>
<td>Standard Unit</td>
<td>Cab Unit</td>
</tr>
<tr>
<td>Length</td>
<td>4119 lbs (1868 kg)</td>
<td>4888 lbs (2181 kg)</td>
</tr>
<tr>
<td>Width</td>
<td>92 in. (2.34 m) at 1 in. (25 mm) height of cut</td>
<td>95 in. (2.41 m) at 1 in. (25 mm) height of cut</td>
</tr>
<tr>
<td>Height</td>
<td>65 in. (1.67 m) at 1 in. (25 mm) height of cut</td>
<td>65 in. (1.67 m) at 1 in. (25 mm) height of cut</td>
</tr>
</tbody>
</table>

*Engine horsepower is provided by engine manufacturer. Actual operating power output may vary due to conditions of specific use. NOTE: Specifications, while correct at time of printing, may change without notice.

The all new HR Series of wide area rotary mowers delivers the next generation of productivity on all fronts. The ultra-durable new SureStrength™ decks and superior maneuverability make it the ideal mower for sports fields, parks and green spaces, schools, airports, golf courses, and commercial grounds. By utilizing high strength, high performance steel and a compact chassis design, the HR series sets a new industry standard for the most efficient use of power.
**HR700™ / HR800™**

**PRODUCTIVITY**
- **The HR Series** delivers unmatched versatility, offering a range of cutting widths. Getting more done, the HR700 (14 foot model) cuts up to 17.0 acres of grass per hour, or the ultra-productive HR800 (16 foot model) slices through up to 21.3 acres of grass per hour.
- **Unparalleled nimble platform** delivers zero uncut circle for effortless 180 degree turning, leaving no uncut grass and easier mowing around obstacles.
- **New AdaptiCut™ system** automatically adjusts mow speed to ensure consistent cut performance even through the thickest grass.
- **InCommand™ control system** provides on-board diagnostics for quick and easy troubleshooting and displays maintenance reminders on-screen to aid in proper service and increased up-time.
- **Comfortable, Productive Ride** ISO mounted operator platform complete with a full suspension, high back seat. Maximum visibility with minimum fatigue.

**SERVICEABILITY**
- **Individual hydraulic deck motors** with self-lubricating integral bearings deliver reliable cutting power to each blade and require no tensioning or greasing maintenance of belts and pulleys.
- **InCommand™ control system** for seamless transitioning over pathways. AdaptiCut™ system light indicators for real-time cut quality feedback.
- **Ergonomic cockpit** with optimal seating position, wing decks set forward of operator, and armrest located individual lift/lower deck joysticks for superior unobstructed views.
- **Foldable ROPS** for quick and easy troubleshooting and displays maintenance reminders on-screen to aid in proper service and increased up-time.

**COMFORT**
- **Ergonomic cockpit** with self-lubricating integral bearings deliver reliable cutting power to each blade and require no tensioning or greasing maintenance of belts and pulleys.
- **Tilt Sensor Technology (TST)™** ensures operator safety by automatically monitoring slope angles and alerting operators when nearing unsafe working conditions.
- **AC/Heat** with A/C, heat, fan, ventilation windows and premium air suspension cloth seat provides operator protection and comfort in extreme temperatures.
- **Heated windshield** with sunshade, wiper and washer helps maintain visibility if sun is glaring or weather turns bad.
- **SureStrength™ Decks** constructed with Domex® high strength, high performance structural steel delivers greater durability in a lighter more sustainable design. Bolt together construction makes for easy maintenance and repairs.

**PRODUCT CONFIGURATION**

**EQUIPED AS STANDARD ON THE HR700 & HR800**
- SureTrac 4WD
- Foldable ROPS
- 3.8” full color display screen
- Tilt steering wheel
- 4 point tie downs
- ISO mounted operator’s platform
- Fully adjustable suspension seat with seat belt
- Armrest controls
- Fully sealed, maintenance free rear axle
- Cruise control
- Password protected, programmable travel speeds
- Selectable manual, automatic, and creep modes

**ADDITIONALLY ON THE HR800**
- Reversing fan

**ACCESSORIES**
- Road light kit
- Canopy/shade
- Climate controlled cab
- Cab accessories - Road light kit, Rear wiper kit

**Q Amp™ Steering** variable rate steering system delivering straight line mowing while maintaining the fast response required to turn immediately.
- Armrest Control
- Reversing fan
- Tilt steering wheel
- 4 point tie downs
- ISO mounted operator’s platform
- Fully adjustable suspension seat with seat belt
- Armrest controls
- Fully sealed, maintenance free rear axle
- Cruise control
- Password protected, programmable travel speeds
- Selectable manual, automatic, and creep modes

**Best Use of Power**
HR series wide area rotary mowers are lighter than its competitors. By utilizing high strength, high performance steel throughout and compact chassis design, a new industry standard has been established for power to weight ratio and efficiency.

**Wide Area Rotary Mower**

**Comfortable, Productive Ride** ISO mounted operator platform complete with a full suspension, high back seat. Maximum visibility with minimum fatigue.

**Proven and Powerful** Tier 4 Final (Stage IIIA) Kubota® turbocharged diesel engines deliver exceptional mowing power to effortlessly take down the tallest, thickest grass.

**Easy Access Hood** instant access for daily maintenance and quick-release side panels for more thorough servicing. Storage net behind operator for jackets and supplies.

**SureTrac™ 4WD** parallel cross-series system automatically transfers power where needed. Provides superior traction for hill climbing and side slope operation. Also features on-demand 4WD in reverse.

**Maintenance Free, Wet Parking Brakes** integrated into the front wheel motors, deliver safe braking on even the steepest of slopes and have no linkages or pads to service or adjust.

**Best Use of Power**
HR series wide area rotary mowers are lighter than its competitors. By utilizing high strength, high performance steel throughout and compact chassis design, a new industry standard has been established for power to weight ratio and efficiency.

Industry’s narrowest transport in its class allows the HR series to go where other mower simply can’t.
- **Wing decks fold up inside the front deck to easily gauge accessibility.**