

# HR™ SERIES



## NEXT GENERATION PRODUCTIVITY

The HR™ Series delivers unmatched productivity and industry-leading efficiency. Setting the standard, the HR600 mows up to 13.8 acres of grass per hour. Getting more done, the HR700 cuts up to 17.0 acres per hour, and the highly efficient HR800 covers up to 21.3 acres per hour. Durable SureStrength™ decks and smooth maneuverability make it the ideal mower for sports fields, parks, schools, airports, golf courses, and commercial grounds. With a compact chassis design that delivers effortless 180 turning which leaves no uncut grass in its path, the HR Series exceeds performance expectations for wide area rotary mowers.

**11.4" TO 16'**  
WIDTH OF CUT

**SURETRAC™**  
4-WHEEL DRIVE

**InCOMMAND™**  
ON-BOARD  
DIAGNOSTICS

**TIER 4**  
FINAL DIESEL  
ENGINE



# HR™ SERIES

## JACOBSEN® ADVANTAGE

For over 95 years, Jacobsen has been designing and manufacturing industry-leading turf maintenance equipment. A strong focus on engineering innovative technology has led to advancements that deliver impeccable quality of cut on user-friendly equipment.



OPTIONAL CAB



16' WIDTH OF CUT

## EQUIPPED AS STANDARD

- SureTrac™ 4WD
- Foldable ROPS
- 3.8in. 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
- Reversing fan to keep air intake screen clear (HR800 only)

## OPTIONS

- Road light kit
- Canopy/sunshade
- Climate controlled cab
- Cab accessories:
  - Road light kit
  - Rear wiper kit

| ENGINE                     | HR600                                                                                                                                           | HR700                                                                       | HR800                                                                                                                        |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| TYPE                       | Kubota® V2403-CR-T-E4B<br>4-cyl, turbo diesel                                                                                                   | Kubota® V2403-CR-T-E4B<br>4-cyl, turbo diesel                               | Kubota® V3307-CR-T-E4B<br>4-cyl, turbo diesel                                                                                |
| RATED HORSEPOWER* (GROSS)  | 65.2HP (48.6 kW) @ 2700 rpm                                                                                                                     | 65.2HP (48.6 kW) @ 2700 rpm                                                 | 74.3HP (55.4 kW) @ 2600 rpm                                                                                                  |
| EMISSION LEVEL             | EPA Tier 4 Final (EU Stage IIIB)                                                                                                                |                                                                             |                                                                                                                              |
| COOLING SYSTEM             | Side-by-side radiator/hydraulic oil cooler; pressurized;<br>8 qt (7.6 L) capacity, 8.5 fins per inch                                            |                                                                             | Side-by-side radiator/hydraulic<br>oil cooler; reversing fan;<br>pressurized; 14.7 qt (13.9L)<br>capacity, 8.5 fins per inch |
| FUEL CAPACITY              | 20.4 gal (77.1 L)                                                                                                                               |                                                                             | 29.5 gal (109.8 L)                                                                                                           |
| ELECTRICAL SYSTEM          | 12-volt, input/output controller. 60 amp alternator.<br>Overload protection with automotive type fuses.                                         |                                                                             | 12-volt, input/output<br>controller. 90 amp alternator.<br>Overload protection with<br>automotive type fuses.                |
| TRACTION & DRIVE           |                                                                                                                                                 |                                                                             |                                                                                                                              |
| TRACTION SYSTEM            | Hydrostatic closed loop parallel-cross-series SureTrac™ system; variable displacement piston<br>pump; front high torque piston wheel motors     |                                                                             |                                                                                                                              |
| DECK DRIVE                 | Seven individual hydraulic<br>motors with self lubricating<br>integral bearings                                                                 | Nine individual hydraulic motors with self lubricating integral<br>bearings |                                                                                                                              |
| HYDRAULIC CAPACITY         | 13.3 gal (50.2 liter) capacity reservoir                                                                                                        |                                                                             | 20.3 gal (76.8 liter) capacity<br>reservoir                                                                                  |
| HYDRAULIC SYSTEM           | O-ring face seal fittings, 10 micron remote charge filters, suction screen at tank, oil cooler side<br>by side radiator, diagnostic test ports. |                                                                             |                                                                                                                              |
| SPEED (MAXIMUM)            |                                                                                                                                                 |                                                                             |                                                                                                                              |
| MOWING                     | 10 mph (16.4 km/h)                                                                                                                              |                                                                             | 11 mph ( 17.7 km/h)                                                                                                          |
| TRANSPORT                  | 15.5 mph (25 km/h)                                                                                                                              |                                                                             | 20 mph (32.2 km/h),                                                                                                          |
| REVERSE                    | 4 mph (6.4 km/h)                                                                                                                                |                                                                             | 6 mph (9.6 km/h)                                                                                                             |
| TIRES, BRAKES & STEERING   |                                                                                                                                                 |                                                                             |                                                                                                                              |
| FRONT TIRES                | 26 x 12-12 tubeless 8 ply                                                                                                                       |                                                                             | 26.5 x 14-12 tubeless 6 ply                                                                                                  |
| REAR TIRES                 | 20 x 10-8 tubeless 6 ply                                                                                                                        |                                                                             | 20 x 10-8 tubeless 8 ply                                                                                                     |
| SERVICE BRAKE              | Dynamic through traction system                                                                                                                 |                                                                             | Dynamic through traction<br>system; emergency brake                                                                          |
| PARKING BRAKE              | Automatic wet parking brakes integrated into wheel motors                                                                                       |                                                                             |                                                                                                                              |
| STEERING                   | Power Steering                                                                                                                                  |                                                                             |                                                                                                                              |
| DECKS & CUTTING            |                                                                                                                                                 |                                                                             |                                                                                                                              |
| OVERALL CUTTING WIDTH      | 137 in. (3.5 m)                                                                                                                                 | 168 in. (4.27 m)                                                            | 192 in. (4.9 m)                                                                                                              |
| NUMBER AND SIZE            | One 60 in. (1.52 m) front deck;<br>Two 44 in. (1.12 m)<br>wing decks                                                                            | One 60 in. (1.52 m) front deck;<br>Two 60 in. (1.52 m) wing decks           | One 72 in. (1.83 m) front deck;<br>Two 66 in. (1.68 m)<br>wing decks                                                         |
| DECK CONSTRUCTION          | 11 gauge (3 mm) Domex high strength steel shell                                                                                                 |                                                                             |                                                                                                                              |
| CASTOR WHEELS              | Eight, 4 x 11 in. smooth tires                                                                                                                  |                                                                             | Ten, 4 x 11 in. smooth tire                                                                                                  |
| DECK LIFT/LOWER            | Fingertip operated joysticks for individual deck lift/lower; cross cut position; front deck service<br>position. Electronic safety locks.       |                                                                             |                                                                                                                              |
| WEIGHT TRANSFER            | On demand electrically operated hydraulic weight transfer system                                                                                |                                                                             |                                                                                                                              |
| HEIGHT-OF-CUT**            | 1.0 - 4.75 in. (25-121mm) in<br>0.25 in. (6.4 mm) increments                                                                                    | 1.0 - 4.5 in. (25-114 mm) in<br>0.5 in. (12.7 mm) increments                | 1.0 - 6.0 in. (25-152 mm) in<br>0.5 in. (12.7 mm) increments                                                                 |
| CUTTING CAPACITY           | 13.8 acres/hour at 10.0 mph<br>(5.6 ha/hr at 16.0 km/h)                                                                                         | 17.0 acres/hour at 10.0 mph<br>(6.9 ha/hr at 12.0 km/h)                     | 21.3 acres/hour at 11.0 mph<br>(8.62 ha/hr at 17.7 km/h)                                                                     |
| WEIGHT & DIMENSIONS        |                                                                                                                                                 |                                                                             |                                                                                                                              |
| WORKING WEIGHT (WITH ROPS) | 3873 lbs (1756 kg)                                                                                                                              | 4119 lbs (1868 kg)                                                          | 4801 lbs (2178 kg)                                                                                                           |
| LENGTH                     | 143 in. (3.62 m) front deck<br>down                                                                                                             | 143 in. (3.62 m) front deck<br>down                                         | 147 in. (3.66 m) front deck<br>down                                                                                          |
| HEIGHT                     | 83 in. (2.1 m)                                                                                                                                  | 92 in. (2.34 m)                                                             | 95 in. (2.41)                                                                                                                |
| TRANSPORT WIDTH            | 65 in. (1.67 m)                                                                                                                                 | 65 in. (1.67 m)                                                             | 77 in. (1.96 m)                                                                                                              |

\* Engine power is provided by engine manufacturer. Actual operating power output may vary due to conditions of specific use.

\*\* Height of cut depends on turf condition, reel wear and bedknife installed.

NOTE: Specifications, while correct at time of printing, may change without notice.