

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 4-cyl, turbo diesel	Kubota® V2403-CR-T-E4B 4-cyl, turbo diesel	Kubota® V3307-CR-T-E4B 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; 8 qt (7.6 L) capacity, 8.5 fins per inch		Side-by-side radiator/hydraulic oil cooler; reversing fan; pressurized; 14.7 qt (13.9L) 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. Overload protection with automotive type fuses.		12-volt, input/output controller. 90 amp alternator. Overload protection with automotive type fuses.
TRACTION & DRIVE			
TRACTION SYSTEM	Hydrostatic closed loop parallel-cross-series SureTrac™ system; variable displacement piston pump; front high torque piston wheel motors		
DECK DRIVE	Seven individual hydraulic motors with self lubricating integral bearings	Nine individual hydraulic motors with self lubricating integral bearings	
HYDRAULIC CAPACITY	13.3 gal (50.2 liter) capacity reservoir		20.3 gal (76.8 liter) capacity reservoir
HYDRAULIC SYSTEM	O-ring face seal fittings, 10 micron remote charge filters, suction screen at tank, oil cooler side 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 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; Two 44 in. (1.12 m) wing decks	One 60 in. (1.52 m) front deck; Two 60 in. (1.52 m) wing decks	One 72 in. (1.83 m) front deck; Two 66 in. (1.68 m) 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 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 0.25 in. (6.4 mm) increments	1.0 - 4.5 in. (25-114 mm) in 0.5 in. (12.7 mm) increments	1.0 - 6.0 in. (25-152 mm) in 0.5 in. (12.7 mm) increments
CUTTING CAPACITY	13.8 acres/hour at 10.0 mph (5.6 ha/hr at 16.0 km/h)	17.0 acres/hour at 10.0 mph (6.9 ha/hr at 12.0 km/h)	21.3 acres/hour at 11.0 mph (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 down	143 in. (3.62 m) front deck down	147 in. (3.66 m) front deck 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.