

JACOBSEN

AR522™

Contour Rotary Mower



The AR522™ five-gang rotary mower equipped with SureTrac™ four-wheel drive traction, weight transfer control, and TrimTek™ decks allows you to glide over contours and climb hills with ease. Ideal for maintaining intermediate golf roughs, greens and tee surrounds, and sports and recreational fields.

 Factory-filled with GreensCare™ Biodegradable Hydraulic Fluid

- **Five, fully floating 22 in. (56 cm) TrimTek™ contour rotary decks** are the ideal size to mow hilly terrain with sharp undulations and reduce the chance of scalping.
- **TrimTek™ deck design with exclusive downdraft blade** keeps clippings suspended longer for exceptional mulching results. Three-tiered discharge opening distributes clippings evenly for a superior after-cut appearance.
- **SureTrac™ 4WD** parallel-cross-series system automatically transfers power where needed to provide superior traction for hill climbing and side slope operation.
- **Maintenance free, wet parking brakes** deliver safe braking on even the steepest of slopes and reduce total cost of ownership with no linkages or pads to service or adjust.

QUICK SPECS

Engine: Kubota® diesel

Cutting Units: Five, TrimTek™ 22 in. (55.9 cm) rotary cutting decks

Height-of-Cut: 0.75 – 5.25 in. (19 – 133 mm) in 0.25 in. (6 mm) increments

Width-of-Cut: 90 in. (2.3 m)

Dimensions:

Weight: 3691 lbs. (1674 kg); 3851 lbs. (1747 kg)

Length: 130 in. (3.3 m)

Height: ROPS Up: 89 in. (2.26 m)
ROPS Down: 61 in. (1.55 m)

Width: 98 in. (248.9 cm)

AR522™

SPECIFICATIONS

Engine	068131	068132
Type	Kubota® V2403-M-DI 4-cylinder, liquid-cooled diesel	Kubota® V2403-CR-E4B 4-cylinder, liquid-cooled diesel
Rated Horsepower*	48.9 hp (36.5 kW)	50.2 hp (37.4 kW)
Emission Level	EPA Tier 4 Interim (EU Stage IIIA)	EPA Tier 4 Final (EU Stage IIIB)
Displacement	148.5 cu. in. (2.434 L)	
Air Cleaner	2-stage Donaldson® dry cartridge type with evacuator valve and service indicator	
Cooling System	Side-by-side radiator/hydraulic oil cooler; pressurized; 8 qt. (7.6 L) capacity	
Lubrication	Fully pressurized	
Fuel Capacity	17 gal. (64.4 L)	
Oil Filter Type	Full-flow, replaceable spin-on remote type	
Electrical System	12V input/output controller; 45-amp alternator; 600 CCA battery	
Speed (Maximum)		
Mowing	7 mph (11.3 km/h)	
Transport	12 mph (19.3 km/h)	
Reverse	5 mph (8.1 km/h)	
Traction and Drive		
Traction System	SureTrac™ 4WD, parallel-cross-series system servo-controlled variable displacement hydro; four high-torque wheel motors; 2WD in reverse	
Deck Drive	2-section pump and direct-cooled deck motors	
Hydraulic System	14 gal. (53 L) capacity; hydraulic tank oil level monitor and horn alarm; GreensCare biodegradable fluid; full-flow, 10-micron filter, 40 gpm	
Hydraulic Cooling	Side-by-side radiator/hydraulic oil cooler; pressurized	
Tires, Brakes and Steering		
Front Tires	Two 26.5 x 14-12, 6-ply turf tread	
Rear Tires	Two 22.5 x 10-8, 4-ply turf tread	
Brakes	Dynamic, through traction system	
Parking Brake	Wet parking brakes integrated in front wheel motors; engage switch on control console	
Steering	Rear wheel, hydrostatic power steering with tilt adjustable steering wheel	
Decks and Cutting Units		
Number and Size	Five, TrimTek™ 22 in. (55.9 cm) rotary cutting decks. Equipped for rear-discharge or mulching, with full-length rear roller and scraper	
Deck Construction	7-gauge, heavy duty welded with pressed steel	
Caster Wheels	Ten, 5.0 x 4.0 in. (12.7 x 10.2 cm) with greaseable tapered roller bearings	
Decks Lift/Lower	Hand operated, joystick controlled hydraulic lift system	
Weight Transfer	Adjustable hydraulic weight transfer - automatic electronic activation at operator controls	
Blades	Five, 22.4 in. (56.8 cm) heat treated alloy combo blades	
Motor/Spindle	Fixed displacement, self-lubricating with 1 in. (2.54 cm) diameter shaft; double sealed bearings	
Height-of-Cut	0.75 - 5.25 in. (19 - 133 mm) in 0.25 in. (6 mm) increments; minimal tools required for adjustment	
Overall Cutting Width	90 in. (2.3 m)	
Cutting Capacity	Up to 6.4 acres/hr at 7 mph (2.59 ha/h at 11.27 km/h) (no overlaps or stops)	
Fuel Economy & Runtime <small>(dependent on operator & turf conditions)</small>	1.09 gal/hr (4.13 L/hr) fuel consumption at 40% load; Up to 15.6 hours on single tank of fuel	1.10 gal/hr (4.16 L/hr) fuel consumption at 40% load; Up to 15.5 hours on single tank of fuel
Weight and Dimension		
Weight (full fluids, less operator)	3691 lbs. (1674.2 kg)	3851 lbs. (1747 kg)
Length	130 in. (3.3 m)	
Height	ROPS Up: 89 in. (2.26 m); ROPS Down: 61 in (1.55 m); Ballage: 84.5 in. (2.15 m)	
Wheelbase	63 in. (1.6 m)	
Width	98 in. (2.49 m)	

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PRODUCT CONFIGURATION

EQUIPPED STANDARD

- ✓ Five, TrimTek™ decks for mulching or rear discharge
- ✓ Full-length rear rollers and scraper bars
- ✓ SureTrac 4WD
- ✓ Foldable ROPS with seat belt
- ✓ Suspension seat with armrests
- ✓ Onboard control module with diagnostic lights
- ✓ Headlights
- ✓ GreensCare™ biodegradable hydraulic fluid

ACCESSORIES

- Canopy/Sunshade
- Ball cage – 6-post ROPS, canopy, Lexan windshield, metal mesh protective surround
- Air-ride suspension seat

GENUINE SERVICE PARTS

- Combo blade (standard)
- High lift blade
- Low lift blade
- GreensCare™ 68 and GreensCare Plus 68 biodegradable fluid



AR522 with SureTrac 4WD

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

Due to emission regulations and fuel compatibility, model availability may vary by country. Please contact your nearest distributor for full details.

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

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