

JACOBSEN

AR-522™

Wide-Area Rotary Mowers



The AR-522 is a 5-gang mower that leads the industry in climbing, mulching and cutting capabilities. It is ideal for intermediate golf course roughs, green and tee surrounds and can also be used in regularly maintained sports turf and park and recreation environments.

- **Revolutionary TrimTek™ deck design with exclusive downdraft blade** keeps clippings suspended longer for exceptional mulching results. Convert from discharge to mulch in minutes with a single wrench.
- **Exclusive three-tiered discharge opening** distributes clippings more evenly for a superior after-cut appearance.
- **Increased deck volume** allows the AR-522 to cut in more severe conditions
- **Best-in-class traction and climbing capability with on-demand weight transfer control** from the operator station and more horsepower per width-of-cut than any mower in its class.
- **Full-time parallel-series 4WD**

QUICK SPECS

Engine: Kubota® Diesel

Cutting Deck: Five 22 in. (55.9 cm) rotary cutting decks

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

Weight and Dimensions:

Weight: 3950 lbs. (1792 kg)

Length: 130 in. (3.3 m)

Height: 83 in. (2.11 m)

Width: 98 in. (2.4 m)



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AR-522™

SPECIFICATIONS

Engine	
Type	Kubota® V2403-M-T 4-cylinder, turbocharged, liquid-cooled diesel
Horsepower*	59.0 hp (44.0 kW) maximum
Displacement	112 cu. in. (1835 cc)
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 with remote engine oil cooler
Fuel Capacity	17 gal. (64.4 L)
Oil Filter Type	Full-flow, replaceable spin-on remote type
Electrical System	12V input/output controller; 40-amp alternator; 600 CCA battery
Speed (Maximum)	
Mowing	7.0 mph (11.3 km/h)
Transport	10 mph (16.1 km/h)
Reverse	5 mph (8.1 km/h)
Traction and Drive	
Traction System	Parallel-series full-time 4WD; variable displacement, servo-controlled hydro; four high-torque wheel motors, on-demand hydraulic 4WD valve, reverse autoshift to 2WD
Deck Drive	2-section pump and direct-cooled deck motors
Hydraulic System	14 gal. (53 L capacity; hydraulic oil monitor and horn alarm; GreensCare biodegradable fluid; full-flow, 10-micron filter
Hydraulic Cooling	Side-by-side radiator/hydraulic oil cooler; pressurized; 0.3 gal. (1.1 L) capacity, 14 gpm
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
Service Brakes	Dynamic braking from transmission; mechanical disc brakes on front wheels
Parking Brake	Foot operated disc brakes
Steering	Hydrostatic power steering with tilt wheel
Decks and Cutting Units	
Number and Size	Five 22 in. (55.9 cm) rotary cutting decks
Construction	7 gauge heavy duty welded with pressed steel
Caster Wheels	6.25 x 3.25 - 4 with sealed ball bearing
Cutting Unit Lift	Hand operated, lever controlled hydraulic lift system
Weight Transfer	Adjustable hydraulic weight transfer - electronically activated at operator controls
Blades	Five 22.4 in. (56.8 cm) heat treated alloy 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
Cutting Capacity	6.8 acres per hour at 7.5 mph (2.8 ha/h at 12 km/h)
Overall Cutting Width	90 in. (2.3 m)
Weight and Dimension	
Weight	3950 lbs. (1792 kg)
Length	130 in. (3.3 m)
Height	83 in. (2.11 m)
Wheelbase	58 in. (1.5 m)
Width	98 in. (2.4 m)

*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.

Wide-Area Rotary Mowers

PRODUCT CONFIGURATION

EQUIPPED STANDARD

- ✓ ROPS with seat belt
- ✓ 4WD
- ✓ Headlights
- ✓ Deluxe suspension seat

ACCESSORIES

- Canopy/Sunshade Kit

GENUINE SERVICE PARTS

- Combo blade (standard)
- High lift blade
- Low lift blade
- GreensCare™ 68 – 5 gal. (18.9 L) pail
- GreensCare 68 – 55 gal. (208.2 L) drum
- GreensCare Plus 68 – 5 gal. (18.9 L) pail

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