



Wide-Area Rotary Mowers

R-311T™



The R-311T™ rough mower by Jacobsen® is a cost-effective mowing solution for challenging turf found at sports fields, parks, institutional roughs and roadside areas. Reliable and easier to maintain, the R-311T is ergonomically designed to enhance the entire operator experience.

- **Exceptional Cutting Performance** – Powerful 59 hp turbo engine and high efficiency deck design effortlessly slices through the tallest, thickest grass creating a manicured result.
- **Individual Deck Control** - Individual control allows you to mow with 1, 2 or 3 decks making it easy to trim in tight spots.
- **Leading Reliability** - All hydraulic-driven motors on cutting decks, fewer wear parts and easy access to the engine, blades and hydraulic system make the R-311T easy to maintain.
- **Superior Operator Comfort and Safety** - Air suspension seat and spacious and ergonomic cockpit were all designed with operators in mind. Standard foldable ROPS keeps operators safe and allows mowing and transporting in low-height areas.

QUICK SPECS

Engine: Kubota® Turbodiesel

Cutting Deck:

One 64 in. (1.62 m) full-floating front deck

Two 42 in. (1.07 m) full-floating wing decks

Height of Cut: 1 – 5.5 in. (2.54 – 14 cm)

Width of Cut: 134 in. (3.4 m)

Dimensions:

Weight: 3974 lbs. (1803 kg)

Length: 144 in. (3.66 m)

Height ROPS Up: 84 in. (2.13 m)

Height ROPS Down: 63.5 in. (1.61 m)

Width: 139 in. (3.53 m)

Transport Width: 93.5 in. (2.38 m)



CHECK IT OUT!

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R-311T™

SPECIFICATIONS

Engine	
Type	Kubota® V2403-M-T 4-cylinder, turbocharged, liquid-cooled diesel
Horsepower*	59.0 hp (44.0 kW) maximum
Displacement	148 cu in. (2.4 L)
Peak Torque	120.7 lbs. ft (163.6 NM) @ 1800 rpm
Air Cleaner	Dry type Cyclopac air cleaner with restriction indicator light
Cooling System	Pressurized, sealed cooling system; coolant capacity: 8 qt. (7.6 L)
Lubrication	Fully pressurized
Fuel Capacity	20 gal. (75.7 L)
Fuel Consumption	3.50 gal./hr. (13.2 l/hr.) at max engine loading
Oil Filter Type	Full-flow, replaceable spin-on remote type
Electrical System	45 amp alternator with 12V 750 CCA battery, circuit breakers, fuses
Productivity	
Cutting Time Productivity	10.4 acres (4.20 ha) per hour at 7.7 mph (12.4 km/h)
Run Time per Tank	5.7 hours at max engine loading
Speed (Maximum)	
Mowing	7.7 mph (12.4 km/h)
Transport	2WD: 14.9 mph (24 km/h) 4WD: 7.8 mph (12.6 km/h)
Reverse	2WD: 6 mph (9.6 km/h) 4WD: Locked Out
Traction and Drive	
Traction System	Hydrostatic, closed loop system; variable displacement piston pump; fixed displacement piston motor to front limited slip differential axle with integral gear reduction; motors on rear wheel electro-hydraulically engage/disengage for selectable 2WD or 4WD
Deck Drive	Hydraulic motors with integral bearings; self-lubricating
Hydraulic System	17 gal. (64.3 L) reservoir; o-ring face seal fittings; charge and return filters; suction screen at tank; oil cooler; diagnostic test ports
Tires, Brakes and Steering	
Front Tires	26 x 12-12 tubeless, 6-ply rated
Rear Tires	23 x 10.5-12 tubeless, 4-ply rated
Service Brakes	Dynamic braking from transmission; mechanical disc brakes on front wheels
Parking Brake	Foot operated disc brakes
Steering	Tilt Wheel: Hydrostatic rear wheel steering
Decks and Cutting Units	
Number and Size	One 64 in. (1.62 m) full-floating front deck Two 42 in. (1.07 m) full-floating wing decks
Construction	10 gauge steel with reinforcing plates, ribs, bumpers
Caster Wheels	4 x 11 pneumatic tires
Overall Cutting Width	134 in. (3.4 m)
Cutting Unit Lift	Hand operated, individual lever controlled hydraulic lift system
Weight Transfer	Hydraulic weight transfer – adjustable at operator controls
Blades	Seven 23 in. (58 cm) Low Noise, Low Lift
Height-of-Cut	1 - 5.5 in. (2.54 - 14 cm)
Motor/Spindle	Hydraulic motors with integral bearings; self lubricating
Weight and Dimensions	
Weight	3974 lbs. (1803 kg); cab installed: 4,500 lbs. (2041 kg)
Length	144 in. (3.66 m)
Height	ROPS Up: 84 in. (2.13 m); ROPS Down: 63.5 in. (1.61 m); cab installed: 102 in.
Wheelbase	67.8 in. (1.72 m)
Width	139 in. (3.53 m)
Transport Width	93.5 in. (2.38 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.

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PRODUCT CONFIGURATION

EQUIPPED STANDARD

- ✓ Foldable ROPS with seat belt
- ✓ 4WD
- ✓ Deluxe air suspension seat

ACCESSORIES

- Mulcher kit
- Canopy/sunshade kit - adjustable
- Light kit
- Carefree tire kit
- Cab

GENUINE SERVICE PARTS

- Standard blade, LH – Counterclockwise rotation
- Standard blade, RH – Clockwise rotation
- 10W-30, 2.5 gallon (9.5L) pail, 2 pack hydraulic fluid
- 10W-30, 5 gallon (18.9L) pail hydraulic fluid
- GreensCare™ 68 and GreensCare™ Plus 68 biodegradable fluid

THIRD-PARTY ACCESSORIES

- Snow Blower
- Brush/Sweeper
- Front Blade

R-311T™ with cab accessory



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