

**JACOBSEN**

**LF510™**

**NEW**

**Fairway Mowers**



*The newest addition to Jacobsen's legendary line of LF mowers, the LF510 provides superior quality-of-cut, fits the budget and is a simple Tier 4 Final emission regulation solution.*

### **QUICK SPECS**

**Engine:** Kubota® diesel

**Cutting Units:** Five, TrueSet™ 5 in. (12.7 cm) x 22 in. (55.9 cm)

**Height of Cut:** 0.375-0.75 in. (9.5-19 mm)  
High Cut Kit Available

**Width of Cut:** 100 in. (2.54 m)

**Dimensions:**

Weight: 1969-2184 lbs. (893-995 kg) depending on model, with reels down

Length: 108 in. (2.74 m) less catchers

Height: 59.7 in. (1.49 m) top of steering wheel; 88 in. (2.23 m) top of ROPS

Width: 115 in. (2.92 m)

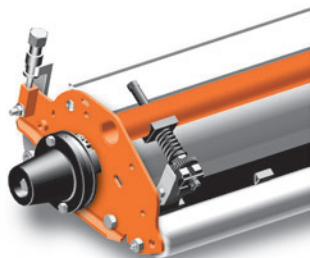
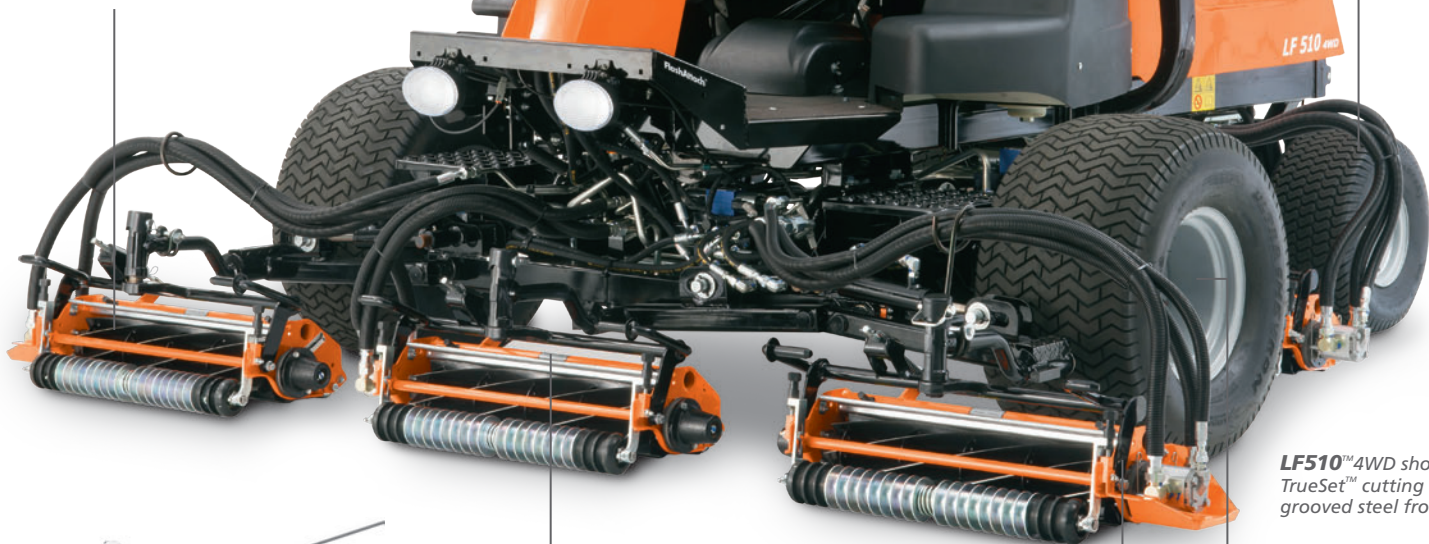
*LF510™ 4WD shown with TrueSet™ cutting unit and grooved steel front roller.*

# LF510™

**Control Console** puts operation controls ergonomically within reach on armrest including a one-touch joystick, mow engage switch, headlights switch, indicator warning lights, hour meter, storage bin and 12V power outlet.



**Classic XP™ Reels** within solid built welded frame feature Advance Relief Technology™ providing increased durability, reduced wear and extended life.



**New TrueSet™ Cutting Units** feature fast bedknife-to-reel setting, easy adjustment and industry-leading holding power to deliver Jacobsen's clean and consistent quality-of-cut.

**FlashAttach™ Reel Mounting System** allows for quick and easy removal and installation of cutting units (no tools required).

**Exclusive wet parking brakes** are maintenance-free, offer a lower cost of ownership and have no linkage, cables, pads or discs to service, maintain or adjust.

**Lightweight mower** distributing only 10 psi of operating ground pressure on the turf.

**Routine service items** including spin-on filters, are all easily accessible and under-the-hood. Side-by-side radiator and oil cooler with removable screen allow for quick cleaning.

**Onboard electronic control module** precisely manages function timing and delivers quick, accurate identification of service issue.

**SureTrac™ 4WD** parallel-cross-series system transfers power where needed to provide superior traction for hill climbing and side slope operation.

*LF510™ 4WD shown with TrueSet™ cutting unit and grooved steel front roller.*



## EASY ON YOUR BUDGET

- Affordability from the start and through its life with 100 in. (2.54 m) of productivity and simplified maintenance including wet park brakes, an onboard control module, and easily accessible routine service items.



## EASY ON YOUR TURF

- Features Jacobsen's new TrueSet cutting units with Classic XP reels for fast bedknife-to-reel adjustment and industry-leading holding power to deliver a clean and consistent quality-of-cut.
- The lightweight mower design distributes less than 10 psi of operating ground pressure on the turf.



## EASY ON THE ENVIRONMENT

- Powered by a rugged and reliable Kubota Tier 4 Final engine for simple emission compliance.

## AVAILABLE MODELS

LF510 2WD

LF510 4WD



## PRODUCT CONFIGURATION

### EQUIPPED STANDARD

- ✓ Suspension seat with armrest
- ✓ Onboard control module
- ✓ Backlapping valves
- ✓ Headlights
- ✓ ROPS with seat belt – 4WD model

### CUTTING UNITS

- TrueSet™ 7 blade, 5 in. (12.7 cm) diameter x 22 in. (55.9 cm) FlashAttach™, including 2 in. (5.1 cm) solid tube steel rear roller with scraper
- Verticut reel, .75 in. (19 mm) spacing, FlashAttach™

### ACCESSORIES

- 22 in. (55.9 cm) Front rollers ranging from 2 in. (5.1 cm) to 3 in. (7.6 cm) - solid tube steel, grooved assembled or machined aluminum or steel
- Turf Groomer®
- Powered rear roller cleaning brush
- Canopy/Sunshade
- Grass Catcher
- High height of cut kit
- Hood locking latch (required for CE)
- ROPS with seat belt kit (required for 2WD model before using on hills or slopes)
- Control console swivel kit

### GENUINE SERVICE PARTS

- Classic XP Reels – 7 blade
- Heavy and medium section bedknives
- MAGKnife™ medium section bedknives
- 10W-30 hydraulic fluid (standard)
- GreensCare™ 68 and GreensCare™ Plus 68 biodegradable fluid (optional)



CANOPY/SUNSHADE



POWERED REAR ROLLING CLEANING BRUSH

# LF510™

## Fairway Mowers

### SPECIFICATIONS

Engine	
Type	Kubota® D1105E 3-cylinder, liquid cooled, low-emissions certified diesel
Rated Horsepower*	24.8 hp (18.6 kW) @ 3000 rpm
Emissions Level	EPA Tier 4 Final (EU Stage IIIA)
Displacement	68.5 cu. in (1.12 L)
Air Cleaner	Dry cartridge type with evacuator, valve and service indicator
Cooling System	Pressurized, sealed cooling system; Lubrication - Fully pressurized
Fuel Capacity	17 gal. (64.4 L)
Oil Filter Type	Full-flow, replacement spin-on type
Electrical System	12 V (0.8 kW) starter; 40 amp alternator/regulator
Speed (Maximum)	
Mowing	8 mph (12.9 km/h)
Transport	10 mph (16 km/h)
Reverse	4 mph (6.4 km/h)
Traction and Drive	
Traction System	Variable displacement, hydrostatic pump with 2 high-torque wheel motors; 4WD models: SureTrac™ parallel-cross-series traction system
Reel Drive	Gear pump with quick disconnect (FlashAttach) coupled reel motors, solenoid controlled mow valve; Backlapping standard Mow Speed Limiter: Foot Activated Lever
Reel Lift	Joystick control, one-touch lift/lower control for all five reels
Hydraulic System	14 gal (53 L) capacity; Oil monitor with low-oil alarm standard
Hydraulic Cooling	Hydraulic oil cooler; large-volume, full-flow 10 micron filter
Tires, Brakes and Steering	
Front Tires	26.5 x 14.0 -12 tubeless
Rear Tires	20 x 10.0 - 8 tubeless
Brakes	Dynamic, through-traction system
Parking Brakes	Wet park brake integrated in front wheel motors; engage switch on control console
Steering	Rear wheel, hydrostatic power steering
Reels and Blades	
Number and Size	Five 5 in. (12.7 cm) diameter x 22 in. (55.9 cm)
Number of Blades	7 heavy section fairway blades
Cutting Frequency	7 blade: 0.074 in./mph (1.88 mm/km/h)
Overall Cutting Width	100 in. (2.54 m)
Height-of-Cut	0.375-0.75 in. (9.5 - 19.0 mm) Available high-cut kit raises cutting height to 1.187 in. (30.2 mm) (Depending on turf condition, reel wear and bedknife installed)
Weight and Dimensions	
Weight with Reels Up (full fluids, less operator)	2WD without ROPS: 2594 lbs. (1177 kg) 2WD with ROPS: 2738 lbs. (1242 kg) 4WD: 2818 lbs. (1278 kg)
Weight with Reels Down (full fluids, less operator, weight at tires)	2WD without ROPS: 1969 lbs. (893 kg) 2WD with ROPS: 2138 lbs. (970 kg) 4WD: 2194 lbs. (995 kg)
Ground Pressure	10 psi (0.69 bar) operating pressure
Length	108 in. (2.74 m) less catchers
Height	88 in. (2.23 m) with ROPS; 59.7 in (1.49 m) to top of steering wheel
ROPS**	2WD: optional, application specific; 4WD: standard with seat belt
Width	Mow: 115 in. (2.92 m); Transport: 87 in. (2.2 m)
Diagnostics	Onboard electronic control module with light-emitting diode display and alarms for aid in diagnostics.
Gauges	Fuel gauge, hour meter, and indicator warning lights: diagnostics light, glow plug indicator high engine coolant temperature, engine oil pressure, and battery voltage

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

\*\* The LF510 2WD without ROPS is for use in specific applications on level ground with no potential of roll over. This unit is NOT for use on hills or slopes. Jacobsen recommends the use of a certified ROPS and seat belt in all instances where hills or slopes may be encountered – optional ROPS with seat belt kit required.

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