

# LF550/557™ LF570/577™

## Large Area Reel Mower

### SPECIFICATIONS

Engine	LF550/LF557 LF570/577	
Type	Kubota® D1803-M-DI-E3B, 3-cylinder, liquid-cooled diesel	
Rated Horsepower*	26.5 kW (35.5 hp) @ 2700 RPM	
Emissions Level	EU Stage IIIA (EPA Tier 4 Interim)	
Displacement	1.826 L (114.4 cu. in.)	
Air Cleaner	Donaldson® dry cartridge type with evacuator valve and service indicator	
Cooling System	Side-by-side radiator/hydraulic oil cooler; pressurised	
Fuel Capacity	64.4 L (17 gal.)	
Oil Filter Type	Full-flow, replaceable spin-on type	
Electrical System	0.8 kW (12 V) starter 40 amp alternator/regulator	
Higher HP Engine Models		
Type	Kubota® D2403-M-DI-E3B, 4-cylinder, liquid-cooled diesel	
Rated Horsepower*	35.1 kW (47.1 hp) @ 2700 RPM	
Emissions Level	EU Stage IIIA (EPA Tier 4 Interim)	
Displacement	2.434 L (148.5 cu. in.)	
Speeds (Maximum)		
Mow Speed	13 km/h (8 mph)	
Transport Speed	19.3 km/h (12 mph)	
Reverse Speed	8.1 km/h (5 mph)	
Traction System	Variable displacement, electronically controlled hydrostatic drive 4WD models: SureTrac™ parallel-cross-series traction system, four high-torque wheel motors, 2WD in reverse	
Hydraulic System	53 L (14 gal.) capacity; hydraulic tank oil level monitor and horn alarm; GreensCare biodegradable fluid; full-flow, 10-micron filter. Side-by-side radiator/hydraulic oil cooler	
Tyres, Brakes and Steering		
Tyres	Front: 26.5 x 14-12 tubeless; Rear: 20 x 10-8 tubeless, turf tread	
Brakes	Dynamic braking through traction system	
Parking Brakes	Automatic, wet parking brakes integrated in front wheel motors	
Steering	Rear wheel, hydrostatic power steering with tilt adjustable steering wheel	
Cutting Units - Reels & Blades		
	LF550/LF557	LF570/LF577
Number and Size	LF550 - Five, TrueSet 12.7 cm (5 in.) diameter x 55.9 cm (22 in.) LF557 - Seven, TrueSet 12.7 cm (5 in.) diameter x 55.9 cm (22 in.)	LF570 - Five, 17.8 cm (7 in.) diameter x 55.9 cm (22 in.) LF577 - Seven, 17.8 cm (7 in.) diameter x 55.9 cm (22 in.)
Number of Blades	7 or 9 heavy section fairway blades	9 or 11 heavy section fairway blades
Lift/Lower	Hand operated, joystick controlled hydraulic lift system, one-touch lift/lower control for all reels, Wing reels can be controlled independently	
Reel Drive/Motors	3-section gear pump with FlashAttach quick disconnect coupled reel motors, solenoid controlled mow valve. Standard on-board backlapping.	
Height-of-Cut (depending on turf condition, reel wear, and bedknife)	9.5 - 19.0 mm (0.375 - 0.75 in.) Available height-of-cut kit raises cutting height to 30.2 mm (1.187 in.)	9.5 - 28.5 mm (0.375 - 1.125 in.) Available height-of-cut kit raises cutting height to 39.7 mm (1.563 in.)
Overall Cutting Width	LF550/570: 2.54 m (100 in.) LF557/577: 3.53 m (139 in.) with 7 reels active; 3.03 m (119 in.) with 6 reels active; 2.54 m (100 in.) with 5 reels active	
Cutting Capacity	LF550/570: Up to 8 acres per hour at 8 mph (no overlaps or stops) LF557/577: Up to 11 acres per hour at 8 mph (no overlaps or stops)	
Weights & Dimensions	LF550/LF557	LF570/LF577
Weight with Reels Up (full fluids, less operator)	LF550 - 2WD: 1336 kg (2946 lbs.), 4WD: 1486 kg (3277 lbs.) High HP - 2WD: 1448 kg (3192 lbs.), 4WD: 1598 kg (3523 lbs.) LF557 - 2WD: 1435 kg (3164 lbs.), 4WD: 1585 kg (3495 lbs.) High HP - 2WD: 1547 kg (3410 lbs.), 4WD: 1697 kg (3741 lbs.)	LF570 - 2WD: 1377 kg (3036 lbs.), 4WD: 1527 kg (3367 lbs.) High HP - 2WD: 1532 kg (3377 lbs.), 4WD: 1682 kg (3708 lbs.) LF577 - 2WD: 1489 kg (3282 lbs.), 4WD: 1697 kg (3698 lbs.) High HP - 2WD: 1653 kg (3645 lbs.), 4WD: 1803 kg (3976 lbs.)
Weight with Reels Down (full fluids, less operator) - "weight at tyres"	LF550 - 2WD: 1002 kg (2210 lbs.), 4WD: 1115 kg (2458 lbs.) High HP - 2WD: 1086 kg (2394 lbs.), 4WD: 1199 kg (2642 lbs.) LF557 - 2WD: 1076 kg (2373 lbs.), 4WD: 1189 kg (2621 lbs.) High HP - 2WD: 1160 kg (2558 lbs.), 4WD: 1276 kg (2813 lbs.)	LF570 - 2WD: 1065 kg (2348 lbs.), 4WD: 1178 kg (2597 lbs.) High HP - 2WD: 1149 kg (2533 lbs.), 4WD: 1261 kg (2781 lbs.) LF577 - 2WD: 1156 kg (2549 lbs.), 4WD: 1269 kg (2798 lbs.) High HP - 2WD: 1240 kg (2734 lbs.), 4WD: 1284 kg (2830 lbs.)
Length	2.74 m (108 in.) (less catchers)	
Height	ROPS up: 2.23 m (88 in.), ROPS folded: 1.55 m (61 in.)	
Wheelbase	1.5m (58 in.)	
Width	LF550/570: 2.92 m (115 in.), LF557/577: 3.9 m (155 in.), Transport: 2.2 m (87 in.)	

\* 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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## Large Area Reel Mower

# LF550/557™ LF570/577™



5 reel model: LF570™

Factory-filled with GreensCare Biodegradable Hydraulic Fluid

Jacobsen's LF550/570 and LF557/577 lightweight large area reel mowers offer industry leading productivity and functionality through optimised controls, maximised performance and simplified maintenance.

### QUICK SPECS

**Engine:** Kubota® diesel

**Cutting Units** (available in 5 & 7 reel configurations):  
LF550™/LF557™ - 12.7 cm x 55.9 cm (5 in. x 22 in.)  
LF570™/LF577™ - 17.8 cm x 55.9 cm (7 in. x 22 in.)

**Height of Cut:**  
LF550™/LF557™ - 9.5-19 mm (0.375-0.75 in.)  
LF570™/LF577™ - 9.5-28.5 mm (1.125 in.)  
Height-of-Cut Kit Available

**Width of Cut:**  
LF550™/LF570™ - 2.54 m (100 in.)  
LF557™/LF577™ - 3.53 m (139 in.)



LF577™ 4WD shown with premium seat & 7" reels

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# LF550/557™ LF570/577™

## OPTIMISED CONTROLS

- **InCommand™ Control System console** delivers passcode-protected, programmable max transport and mow speed settings to control cut frequency - removing tools and operator input from the equation.

## MAXIMISED PERFORMANCE

- **Jacobsen Classic XP™ Reels** provide the industry's highest quality-of-cut and superior after-cut appearance.
- **SureTrac™ 4WD system** transfers power when needed from the front wheel to the opposite rear wheel providing superior traction on hills and side slopes.
- **7-Reel models** (LF557/LF577) increase productivity by up to 38% without sacrifice to quality-of-cut.

## SIMPLIFIED MAINTENANCE

- **Active monitoring** and full-text diagnostics readout that identifies faults or open circuits. No flashing lights to decode or additional tools required.
- **Maintenance reminders automatically** displayed on-screen at scheduled intervals to aid in proper service and increased up-time.



CANOPY/SUNSHADE



TURF GROOMER®



POWERED REAR ROLLING CLEANING BRUSH

## PRODUCT CONFIGURATION

### EQUIPPED STANDARD

- ✓ Cruise control
- ✓ ROPS with seat belt
- ✓ Headlights
- ✓ Suspension seat with armrest
- ✓ Onboard diagnostics console
- ✓ Backlapping valves
- ✓ GreensCare™ biodegradable hydraulic fluid

### LF550/557 CUTTING UNITS

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

### LF570/577 CUTTING UNITS

- 9 blade reel, 17.8 cm (7 in.) diameter x 55.9 cm (22 in.) FlashAttach™, including 6.35 cm (2.5 in.) solid tube steel rear roller with scraper
- 11 blade reel, 17.8 cm (7 in.) diameter x 55.9 cm (22 in.) FlashAttach™, including 6.35 cm (2.5 in.) solid tube steel rear roller with scraper
- Verticut reel, 2.5 cm (1 in.) spacing

### ACCESSORIES

- 55.9 cm (22 in.) Front rollers ranging from 5.1 cm (2 in.) to 7.6 cm (3 in.) - solid tube steel, grooved assembled or machined aluminum or steel
- Turf Groomer®
- Powered rear roller cleaning brush
- Canopy/Sunshade
- Grass Catcher
- High-cut kit
- Premium air suspension seat
- LED operator platform light kit
- Hood locking latch (required for CE)
- Ball cage - 6 post ROPS, canopy and metal mesh

### GENUINE SERVICE PARTS

- Classic XP Reels (LF550: 7 blade) (LF570: 9 or 11 blade)
- Heavy and medium section bedknives
- MAGKnife™ heavy and medium section bedknives
- GreensCare™ 68 and GreensCare™ Plus 68 biodegradable fluid
- 500 hour interval maintenance kit

**InCommand™ Control System** console puts controls ergonomically within reach on the armrest. Includes a full text LCD display, one-touch joystick, electronic cruise control, storage bin and 12V power outlet.

**Active monitoring system** provides full text diagnostics making it easy to monitor and maintain.

**Programmable max mow and transport speeds** can be set by the user to ensure consistent cut regardless of operator.

**Automatic wet parking brakes** are maintenance-free and reduce cost of ownership; no linkage, cables, pads, or disks to service, maintain or adjust.

**LF577™ 4WD** shown with premium seat & 7" reels

**Classic XP™ Reels** within solid built steel cutting units feature Advance Relief Technology™ provide increased durability, reduced wear and extended life.

**Hard tubing** with bulkhead fittings to hoses make long-term maintenance easier, with fewer service parts to stock.

**Exclusive electronic controlled hydro** provides smooth operation through controlled acceleration and deceleration, helping increase traction and comfort.

**FlashAttach™ Reel Mounting System** allows for quick reel removal.

Factory-filled with GreensCare™ Biodegradable Hydraulic Fluid

## Large Area Reel Mower

**Routine service items**, including spin-on filters, are all easily accessible. There's no need for a lift.

**SureTrac™ 4WD** parallel-cross series system is factory installed on 4WD models and provides superior traction and climbing ability.

**7 Reel models** deliver industry leading productivity. Available in 5" & 7" reels.