

LF550/557™ LF570/577™

Large Area Reel Mower

SPECIFICATIONS

Engine	LF550/LF557	LF570/LF577
Type	Kubota® D1803-CR-E4B , 3-cylinder, liquid-cooled diesel	
Rated Horsepower*	37.5 hp (28kW) @ 2700 RPM	
Emissions Level	EPA Tier 4 Final (EU Stage IIIB) - Common rail engine with DPF exhaust filtration	
Displacement	114.4 cu. in. (1.826 L)	
Air Cleaner	Donaldson® dry cartridge type with evacuator valve and service indicator	
Cooling System	Side-by-side radiator/hydraulic oil cooler; pressurized	
Fuel Capacity	17 gal. (64.4 L)	
Oil Filter Type	Full-flow, replaceable spin-on type	
Electrical System	12 V (0.8 kW) starter; 40 amp alternator/regulator	
Higher HP Engine Models		
Type	Kubota® V2403-CR-E4B , 4-cylinder, liquid-cooled diesel	
Rated Horsepower*	50.2 hp (37.4 kW) @ 2700 RPM	
Emissions Level	EPA Tier 4 Final (EU Stage IIIB) - Common rail engine with DPF exhaust filtration	
Displacement	148.5 cu. in. (2.434 L)	
Speeds (Maximum)		
Mow Speed	Up to 11 mph (17.7 km/h)	
Transport Speed	Up to 12 mph (19.3 km/h)	
Reverse Speed	Up to 5 mph (8.1 km/h)	
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	14 gal. (53 L) capacity; hydraulic tank oil level monitor and horn alarm; GreensCare biodegradable fluid; full-flow, 10-micron filter. Side-by-side radiator/hydraulic oil cooler	
Tires, Brakes and Steering		
Tires	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 5 in. (12.7 cm) diameter x 22 in. (55.9 cm) LF557 - Seven, TrueSet 5 in. (12.7 cm) diameter x 22 in. (55.9 cm)	LF570 - Five, 7 in. (17.8 cm) diameter x 22 in. (55.9 cm) LF577 - Seven, 7 in. (17.8 cm) diameter x 22 in. (55.9 cm)
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)	0.375 - 0.75 in. (9.5 - 19.0 mm) Available high-cut kit raises cutting height to 1.187 in. (30.2 mm)	0.375 - 1.125 in. (9.5 - 28.5 mm) Available high-cut kit raises cutting height to 1.563 in. (39.7 mm)
Overall Cutting Width	LF550/570: 100 in. (2.54 m) LF557/577: 139 in. (3.53 m) with 7 reels active; 119 in. (3.03 m) with 6 reels active; 100 in. (2.54 m) 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: 2738 lbs. (1241 kg), 4WD: 3156 lbs. (1432 kg) High HP - 2WD: 3195 lbs. (1449 kg), 4WD: 3613 lbs. (1639 kg) LF557 - 2WD: 2956 lbs. (1341 kg), 4WD: 3374 lbs. (1530 kg) High HP - 2WD: 3413 lbs. (1548 kg), 4WD: 3831 lbs. (1738 kg)	LF570 - 2WD: 2923 lbs. (1326 kg), 4WD: 3341 lbs. (1515 kg) High HP - 2WD: 3380 lbs. (1533 kg), 4WD: 3798 lbs. (1723 kg) LF577 - 2WD: 3191 lbs. (1447 kg), 4WD: 3609 lbs. (1637 kg) High HP - 2WD: 3648 lbs. (1655 kg), 4WD: 4066 lbs. (1844 kg)
Weight with Reels Down (full fluids, less operator) - "weight at tires"	LF550 - 2WD: 2054 lbs. (932 kg), 4WD: 2367 lbs. (1074 kg) High HP - 2WD: 2544 lbs. (1154 kg), 4WD: 2710 lbs. (1229 kg) LF557 - 2WD: 2217 lbs. (1006 kg), 4WD: 2531 lbs. (1148 kg) High HP - 2WD: 2560 lbs. (1161 kg), 4WD: 2873 lbs. (1303 kg)	LF570 - 2WD: 2192 lbs. (994 kg), 4WD: 2541 lbs. (1153 kg) High HP - 2WD: 2535 lbs. (1150 kg), 4WD: 2849 lbs. (1292 kg) LF577 - 2WD: 2393 lbs. (1085 kg), 4WD: 2707 lbs. (1228 kg) High HP - 2WD: 2736 lbs. (1241 kg), 4WD: 2931 lbs. (1329 kg)
Length	108 in. (2.74 m) (less catchers)	
Height	ROPS up: 88 in. (2.23 m), ROPS folded: 61 in. (1.55 m)	
Wheelbase	58 in. (1.5 m)	
Width	LF550/570: 115 in. (2.92 m), LF557/577: 155 in. (3.9 m), Transport: 87 in. (2.2 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.

LF550/557™ LF570/577™



5-reel model: LF570™
4WD shown.

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 optimized controls, maximized
performance and simplified maintenance.

QUICK SPECS

Engine: Kubota® diesel, Tier 4 Final (EU Stage IIIB)

Cutting Units:
LF550/LF557 - Five 5 in. x 22 in. (12.7 cm x 55.9 cm)
LF570/LF577 - Five 7 in. x 22 in. (17.8 cm x 55.9 cm)

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

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



7-reel model: LF577™
4WD shown with premium seat.

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LF550/557™ LF570/577™

Large Area Reel Mower

OPTIMIZED 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.
- **AdaptiThrottle™ Control** automatically manages engine speed based on demand, thus reducing fuel consumption and noise.

MAXIMIZED 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

- ✓ Adaptive Throttle Control
- ✓ 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, 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
- 9 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™

LF570/577 CUTTING UNITS

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

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
- 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.

AdaptiThrottle™ Control

automatically manages engine speed based on demand thus reducing fuel consumption and noise.

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 superintendent 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.



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 model: LF577™

4WD shown with premium seat

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

Classic XP™ Reels

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

Electronic controlled hydro

provides smooth operation through controlled acceleration and deceleration, helping increase traction and comfort.

Hard tubing

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

FlashAttach™ Reel Mounting System

allows for quick reel removal.



Factory-filled with GreensCare™ Biodegradable Hydraulic Fluid