

# LF550/557™, LF570/577™



## LIGHT ON TURF, HEAVY ON PRODUCTIVITY

The LF550/570™ and LF557/577™ lightweight large area reel mowers offer industry-leading productivity and functionality. The combination of Jacobsen Classic XP™ Reels and SureTrac™ 4WD System allow you to achieve the precision you demand, even on slopes and hills. With the InCommand™ Control Console, everything you need is at your fingertips, including programmable mowing and transport speeds and full text diagnostics. Designed with ease of maintenance in mind, the series features automatic wet parking brakes, hard tubing, and easily accessible routine service items.

**ADAPTI-THROTTLE**  
AUTOMATIC ENGINE  
SPEED CONTROL

**37.5 OR 50.2 HP**  
DIESEL ENGINE

UP TO  
**11 MPH**

UP TO  
**139"**  
CUTTING WIDTH



# LF550/557™ LF570/577™

## JACOBSEN® ADVANTAGE

For over 95 years, Jacobsen has been designing and manufacturing industry-leading turf maintenance equipment. A strong focus on engineering innovative technology has led to advancements that deliver impeccable quality of cut on user-friendly equipment.



## EQUIPPED AS STANDARD

- InCommand Control System
- SureTrac 4WD
- FlashAttach™ Reel Mounting System
- Variety of Classic XP Reels
- Cruise Control
- ROPS with Seat Belt
- Headlights
- Suspension Seat with Armrest
- Onboard Diagnostics
- Backlapping
- GreensCare Biodegradable Hydraulic Fluid

## OPTIONS

- Grass Catcher
- High-Cut Kit
- Premium Suspension Seat
- LED Light Kit
- Canopy
- Full Lineup of Accessories

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

\*\* Height of cut depends on turf condition, reel wear and bedknife installed.

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

ENGINE	LF550/LF557 (T4F)	LF 570/LF577 (T4F)
<b>TYPE</b>	Kubota® D1803-CR-E4B , 3-cylinder, liquid-cooled diesel	
<b>HORSEPOWER*</b>	37.5 hp (28kW) @ 2700 RPM	
<b>EMISSIONS LEVEL</b>	EPA Tier 4 Final (EU Stage IIIB) - Common rail engine with DPF exhaust filtration	
<b>DISPLACEMENT</b>	114.4 cu in (1.826 L)	
<b>AIR CLEANER</b>	Donaldson® dry cartridge type with evacuator valve and service indicator	
<b>COOLING SYSTEM</b>	Side-by-side radiator/hydraulic oil cooler; pressurized	
<b>FUEL CAPACITY</b>	17 gal (64.4 L)	
<b>OIL FILTER TYPE</b>	Full-flow, replaceable spin-on type	
<b>ELECTRICAL SYSTEM</b>	12V (0.8 kW) starter; 40 amp alternator/regulator	
<b>HIGHER HP ENGINE MODELS</b>		
<b>TYPE</b>	Kubota® V2403-CR-E4B , 4-cylinder, liquid-cooled diesel	
<b>RATED HORSEPOWER*</b>	50.2 hp (37.4 kW) @ 2700 RPM	
<b>EMISSIONS LEVEL</b>	EPA Tier 4 Final (EU Stage IIIB) - Common rail engine with DPF exhaust filtration	
<b>DISPLACEMENT</b>	148.5 cu. in (2.434 L)	
<b>SPEED (MAXIMUM)</b>		
<b>MOW SPEED</b>	up to 11 mph (19 km/h)	
<b>TRANSPORT SPEED</b>	12 mph (19.3 km/h)	
<b>REVERSE SPEED</b>	5 mph (8 km/h)	
<b>TRACTION SYSTEM</b>	Variable displacement, electronically controlled hydrostatic drive; 4WD models: SureTrac™ parallel-cross-series traction system, four high-torque wheel motors, 2WD in reverse	
<b>HYDRAULIC SYSTEM</b>	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	
<b>TIRES, BRAKES &amp; STEERING</b>		
<b>TIRES</b>	Front: 26.5 x 14-12 tubeless; Rear: 20 x 10-8 tubeless, turf tread	
<b>BRAKES</b>	Dynamic braking through traction system	
<b>PARKING BRAKES</b>	Automatic, wet parking brakes integrated in front wheel motors	
<b>STEERING</b>	Rear wheel, hydrostatic power steering with tilt adjustable steering wheel	
<b>CUTTING UNITS</b>	<b>LF550/LF557</b>	<b>LF570/LF577</b>
<b>NUMBER &amp; SIZE</b>	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)
<b>NUMBER OF BLADES</b>	7 or 9 heavy section fairway blades	9 or 11 heavy section fairway blades
<b>LIFT/LOWER</b>	Hand operated, joystick controlled hydraulic lift system, one-touch lift/lower control for all reels, Wing reels can be controlled independently	
<b>REEL DRIVE/MOTORS</b>	3-section gear pump with FlashAttach quick disconnect coupled reel motors, solenoid controlled mow valve. Standard on-board backlapping.	
<b>HEIGHT-OF-CUT</b>	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)
<b>OVERALL CUTTING WIDTH</b>	100 in (2.54 m)	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
<b>CUTTING CAPACITY</b>	Up to 8 acres per hour at 8 mph (no overlaps or stops)	Up to 11.1 acres per hour at 8 mph (no overlaps or stops)
<b>FUEL ECONOMY /RUNTIME</b>	D1803 - 1.08 GPH (4.08 LPH)* V2403 - 1.4 GPH (5.3 LPH)* (*assuming 50% load) Up to 11.1 acres per hour at 8 mph (no overlaps or stops)	
<b>WEIGHTS &amp; DIMENSIONS</b>		
<b>WEIGHT WITH REELS UP</b>	LF550 - 2wd: 3036 lbs. (1377 kg) 4wd: 3367 lbs. (1527 kg) 2wd High HP: 3282 lbs. (1489 kg) 4wd High HP: 3613 lbs. (1639 kg) LF557 - 4wd: 3831 lbs. (1738 kg)	LF570 - 2wd 3221 lbs. (1461 kg) 4wd 3552 lbs. (1611 kg) 2wd High HP 3467 lbs. (1573 kg) 4wd High HP 3798 lbs. (1723 kg) LF577 - 4wd 4066 lbs. (1844 kg)
<b>WEIGHT WITH REELS DOWN</b>	LF550 - 2wd: 2277 lbs. (1033 kg) 4wd: 2525 lbs. (1145 kg) 2wd High HP: 2626 lbs. (1191 kg) 4wd High HP: 2710 lbs. (1229 kg) LF557 - 4wd: 2873 lbs. (1303 kg)	LF570 - 2wd 2416 lbs. (1096 kg) 4wd 2620 lbs. (1188 kg) 2wd High HP 2600 lbs. (1179 kg) 4wd High HP 2849 lbs. (1292 kg) LF577 - 4wd 2931 lbs. (1329 kg)
<b>LENGTH</b>	108 in (2.74 m) (less catchers)	
<b>HEIGHT</b>	ROPS up: 88 in. (2.23 m) ROPS folded: 61 in. (1.55 m)	
<b>WHEELBASE</b>	58 in. (1.5m)	
<b>WIDTH</b>	Mow: 115 in. (2.92 m)	Mow: 155 in. (3.9 m) Transport: 87 in. (2.2 m)