

ECLIPSE® 322



CONSISTENCY AND QUALITY

The ECLIPSE® 322 riding mower enables every operator to deliver a consistent, world-class quality of cut with a programmable frequency of clip, mow and transport speed. Minimize unnecessary wear patterns with the ability to control individual reels and engage only the reels you need. With electric and gas/hybrid models, the ECLIPSE 322 works to reduce your annual operating cost while delivering the impeccable quality you demand.

**15-BLADE
REEL**

62"
CUTTING WIDTH

**SWING-OUT
CENTER REEL**

**ELECTRIC
OR
HYBRID**



ECLIPSE® 322

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.



ECLIPSE 322 BATTERY



CLASSIC XP™ REELS



DELIVERS CONSISTENT QUALITY OF CUT

EQUIPPED AS STANDARD

- Exclusive programmable frequency of clip, mow and transport speeds
- Center swing-out reel
- On-board backlapping
- Grass catchers
- Automatic parking brake
- One-touch joystick reel controls
- On-board diagnostics
- Durable welded reel frame construction
- Regenerative braking
- LED headlight
- ROPS
- On-board battery charger
- Single-point battery watering system

OPTIONS

- Turf Groomer, 22" width and .25" or .50" spacing
- Quick Roll greens roller
- Spiker
- Powered rear roller cleaning brush
- High cut kit
- Reel conversion kit
- Premium seat
- LED light kit, ROPS mounted
- Dew whip holder
- Adjustable canopy/sunshade kit
- Tow bar
- Traction tire assembly 18 x 9.5 x 8 (wheel and tire)
- International charger kit for battery units 220V and IEC Standard
- Tow bar
- Traction tire assembly

POWER	BATTERY	HYBRID GAS	HYBRID DIESEL
TYPE	N/A	Briggs and Stratton Vanguard V-Twin; air-cooled; 13.3 hp	Kubota Z482 2-cylinder diesel; liquid cooled; 13.3 hp
GENERATOR	N/A	48V, 5.8 KW Continuous	48V, 5.8 KW Continuous
DISPLACEMENT	N/A	29.23 CU. IN. (479 CC)	29.23 CU. IN. (479 CC)
BATTERY PACK	48V (six 8 volt 190AH deep cycle lead acid batteries) with single point watering system		
BATTERY CHARGER	On-board high frequency charger 18 amp, 48V DC output, 85-265V AC 45-65 Hz input		
TRACTION & DRIVE SYSTEM			
SYSTEM VOLTAGE	48V nominal		
TRACTION DRIVE 2WD/3WD	Front / 2WD - AC; 4.4 hp (3.3 kW) continuous / Rear / 3WD - PM; 3.2 hp (2.4 kW)		
REEL DRIVE	One brushless DC motor per reel; 1.3 hp (0.97 kW) continuous		
REEL LIFT	One linear actuator per reel with individual control		
TIRES, BRAKES & STEERING			
TIRES 2WD/3WD	2WD, 3 - 18 x 10.5 x 8 4-ply / 2 (front) - 18 x 10.5 x 8 4-ply and 1 (rear) 18 x 10.5 x 10 4-ply		
PARKING BRAKE	Automatic electro-magnetic multi-plate		
STEERING	Variable ratio by-wire steering with feedback control		
SPEED			
MOWING	0 - 5.0 mph (0 - 8.9 kph); electronically adjustable max speed		
TRANSPORT	0 - 9.0 mph (0 - 14.5 kph); electronically adjustable max speed		
REVERSE	0 - 4.0 mph (0 - 6.4 kph)		
WEIGHT AND DIMENSIONS			
WEIGHT 2WD	1394 lbs. (632 kg) with all fluids	1322 lbs. (599 kg) with all fluids	1362 lbs. (618 kg) with all fluids
WEIGHT 3WD	1432 lbs. (649 kg) with all fluids	1360 lbs. (616 kg) with all fluids	1401 lbs. (635 kg) with all fluids
LENGTH WITH CATCHERS ON	101 in. (2.57 m)		
HEIGHT WITH ROPS	79.3 in. (2.01 m)		
OVERALL WIDTH	67.7 in. (1.72 m) with reels		
TURNING CIRCLE	Inside: 20.25 in. (0.51 m) Outside: 144.25 in. (3.7 m)		
FUEL CAPACITY	N/A	5 gal. (19 L)	5 gal. (19 L)
APPROX. RUN TIME	3 - 3.5 hrs.	10 hrs.	15 hrs.
APPROX. RECHARGE TIME	4 - 6 hrs.	N/A	N/A
OPERATOR LEVELS			
EAR NOISE LEVEL	N/A	84 dBA	84 dBA
REELS AND BLADES			
NUMBER AND SIZE	Three 22 in. (0.56 m) reels; 5 in. (127 mm) diameter		
CUTTING FREQUENCY	0.036 - 0.250 in. (0.91 - 6.35 mm) with 15 blade reel; electronically adjustable		
OVERALL CUTTING WIDTH	62 in. (1.6 m)		
HEIGHT OF CUT	0.062 - 0.438 in. (1.6 - 11.1 mm)		
BACKLAPPING	Standard on-board backlapping		
REEL WEIGHTS	7 blade reel, 86 lbs, 9 blade reel, 87 lbs, 11 blade reel, 89 lbs, 15 blade reel, 92 lbs		

* 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.