



Eclipse 322 (Electric)



The Eclipse™ 322 is the latest innovation from Jacobsen®. This battery powered version complements the hybrid models. It has the same ergonomic design and utilises the Jacobsen Classic XP reels. The Eclipse 322 electric can save you time and money AND improve on the superior quality-of-cut you have come to expect from a Jacobsen riding greens mower.

Maximise your operators potential with an ergonomic design that keeps controls comfortably within reach and the view unobstructed. No hydraulic oil to leak or change coupled with almost no noise, just a gentle hum from the reels, make the Eclipse 322 an environmental champion.

Uses Jacobsen Classic XP reels, trusted for the highest quality-of-cut at the top courses around the world.



Reduced emissions with no sacrifice in power or performance

Power: 48v deep cycle with 2.2 kw (3 hp)
continous traction drive

Cutting Width: 1.6 m (63 inches)

Drive System: All electric

Special Features: No hydraulic oil

Ransomes Jacobsen Ltd

West Road, Ipswich, IP3 9TT UK

Tel: +44 (0) 1473 270000

Web: www.ransomesjacobsen.com



When Performance Matters®



Eclipse 322

Technical Data

Power	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	
	Generator	48V, 5.8 kW Continuous	
Drive train	System Voltage	48V nominal	Traction Drive: AC; 2.2 kW continuous
	Reel Drive:	One brushless DC motor per reel; 0.97 kW continuous	Reel Lift: One linear actuator per reel with individual control
Speed	Mowing	0 - 8.9 kph (0 - 5.5 mph); Electronically adjustable max speed	
	Transport	0 - 14.5 kph (0 - 9 mph); Electronically adjustable max speed	
	Reverse	0 - 6.4 kph (0 - 4 mph)	
	Run-time	(approx per charge) 3 - 3.5 hrs	Approx recharge time: 4 - 6 hrs
Brakes	Parking Brake	Automatic electro-magnetic multi-plate	
Steering	Variable ratio by-wire steering with feedback control		
Tyres	18 x 10.5 x 8 4-ply		
Dimensions	Overall Width:	1.72 m (67.71") with reels	Overall Cutting Width: 1.6 m (62.99")
	Width	1.5 m (59.05") outside of tyres	
	Length with catchers on	2.57 m (101.18")	
	Height with ROPS	2.01 m (79.13")	
	Wheel Base	1.32 m (51.96")	
	Weight with Reels Down:	609 kg (1342 lbs)	Total weight: 733 kg (1615 lbs)
	Turning Circle	Inside: 0.51 m (20.07")	Outside: 3.7 m (145.66")
Cutting Unit	Number and Size	Three 0.56 m (22") reels; 127 mm (5") diameter	
	Number of Knives	7, 9, 11	Cutting Frequency: 1.2 - 6.3 mm with 11 blade reel; Electronically adjustable
	Height-of-Cut Range (Depending on turf condition and bedknife installed)	1.6 - 11.1 mm	
	Backlapping	Standard on-board backlapping	
Operator Noise	Operator Ear Noise Level	Not applicable	



The ergonomic design keeps controls comfortably within reach and the operator's view unobstructed

Ransomes Jacobsen Ltd

West Road, Ipswich, IP3 9TT UK

Tel: +44 (0) 1473 270000

Web: www.ransomesjacobsen.com

JACOBSSEN
A Textron Company

When Performance Matters®



Eclipse 322 (Hybrid)



The Eclipse™ 322 is the latest innovation from Jacobsen®. Featuring a hybrid or battery powered system, ergonomic design, and the Jacobsen Classic XP™ reels, the Eclipse 322 can save you time and money AND improve on the superior quality-of-cut you have come to expect from a Jacobsen riding greens mower.

Maximise your operators potential with an ergonomic design that keeps controls comfortably within reach and the view unobstructed. No hydraulic oil to leak or change coupled with significantly reduced noise and exhaust emissions make the Eclipse 322 an environmental champion.

Uses Jacobsen Classic XP reels, trusted for the highest quality-of-cut at the top courses around the world.



Reduced emissions with no sacrifice in power or performance

Power: Diesel 9.91 kw (13.3 hp)

Petrol 10.4 kw (14 hp)

Cutting Width: 1.6 m (63 inches)

Drive System: Hybrid

Special Features: No hydraulic oil

Ransomes Jacobsen Ltd

West Road, Ipswich, IP3 9TT UK

Tel: +44 (0) 1473 270000

Web: www.ransomesjacobsen.com



When Performance Matters®



Eclipse 322 Technical Data

Power	Engine:	Petrol: Briggs and Stratton Vanguard V-Twin; air cooled	Diesel: Kubota Z482 2-cylinder diesel; liquid cooled
	Power:	Petrol: 10.43 kW (14 hp)	Diesel: 9.91 kW (13.3 hp)
	Generator	48V, 5.8 kW Continuous	
	Displacement	479 cc	
Drive train	System Voltage	48V nominal	Traction Drive: AC; 2.2 kW continuous
	Reel Drive:	One brushless DC motor per reel; 0.97 kW continuous	Reel Lift: One linear actuator per reel with individual control
Speed	Mowing	0 - 8.9 kph (0 - 5.5 mph); Electronically adjustable max speed	
	Transport	0 - 14.5 kph (0 - 9 mph); Electronically adjustable max speed	
	Reverse	0 - 6.4 kph (0 - 4 mph)	
	Fuel Capacity	19L	Approximate run time per tank Petrol: 10 hrs. Diesel: 15 hrs.
Brakes	Parking Brake	Automatic electro-magnetic multi-plate	
Steering	Variable ratio by-wire steering with feedback control		
Tyres	18 x 10.5 x 8 4-ply		
Dimensions	Overall Width:	1.72 m (67.71") with reels	Overall Cutting Width: 1.6 m (62.99")
	Width	1.5 m (59.05") outside of tyres	
	Length with catchers on	2.57 m (101.18")	
	Height with ROPS	2.01 m (79.13")	
	Wheel Base	1.32 m (51.96")	
	Weight with Reels Down	Petrol: 548 kg (1208 lb) with all fluids	Diesel: 572 kg with all fluids (1261 lb)
	Turning Circle	Inside: 0.51 m (20.07")	Outside: 3.7 m (145.66")
Cutting Unit	Number and Size	Three 0.56 m (22") reels; 127 mm (5") diameter	
	Number of Knives	7, 9, 11	Cutting Frequency: 1.2 - 6.3 mm with 11 blade reel; Electronically adjustable
	Height-of-Cut Range (Depending on turf condition and bedknife installed)	1.6 - 11.1 mm	
	Backlapping	Standard on-board backlapping	
Operator Noise	Operator Ear Noise Level	84 dBA	



The ergonomic design keeps controls comfortably within reach and the operator's view unobstructed

Ransomes Jacobsen Ltd

West Road, Ipswich, IP3 9TT UK

Tel: +44 (0) 1473 270000

Web: www.ransomesjacobsen.com

JACOBSSEN
A Textron Company

When Performance Matters®