



# C RANGE

INTERCHANGEABLE CARTRIDGE AND TURF MAINTENANCE SYSTEM

## C20/C24 - INTERCHANGEABLE CARTRIDGE AND TURF MAINTENANCE SYSTEM



The Allett C20 and C24 machines deliver a wide range of professional turf maintenance functions from a single pedestrian controlled machine to suit most maintained turf areas. Each purpose-designed, easy-change, C-range cartridge becomes an integral part of the machine, enabling tasks ranging from fine turf mowing, verticutting and slitting to brushing, scarifying and sorrel rolling to be carried out successfully and without compromise.

Such year-round versatility greatly extends the cost effectiveness of the C-range power unit, enhancing the value of the investment for the benefit of owners such as sports clubs, turf maintenance contractors and other professionals looking to produce quality turf surfaces.

The C-20 and C-24 are ideal for fine sports turf surfaces such as cricket, bowls and golf as well as formal lawns where low weight and a great finish are paramount.

All models have adjustable handlebars, equipped with anti-vibration mounting. Grass boxes are manufactured from moulded plastic with steel reinforcing strip. Engineered to operate effectively at low engine speeds the C20 and C24 machines deliver low fuel consumption, noise levels and vibration.

- **A wide range of interchangeable cartridges available for a variety of turf maintenance tasks (see page 26)**
- **One machine capable of performing up to 10 different turf maintenance operations**
- **510mm and 610mm (20" or 24") working widths**
- **Fast, simple micro cutting-height adjustment from 2.4mm to 19mm (0.1" to 0.75")**

	C20	C24
Working width	510mm (20in)	610mm (24in)
Overall width	790mm (31in)	890mm (35in)
Engine	Honda GX160	Honda GX160
Power output (net)	3.6kW (4.8hp) @ 3,600 rpm	
6 blade cylinder	93 cuts/metre (85 cuts/yd) irrespective of forward speed	
10 blade cylinder	155 cuts/metre (141.67 cuts/yd) irrespective of forward speed	
Height of cut	2.4 -19mm	
Clip rate	6 blade -111 clips/metre and 8 blade -148 clips/metre	
Handlebar	Adjustable with anti-vibration mountings	
Drive engagement	Handle-mounted lever engaging V belt via cable	
Cartridge head engagement	Handle-mounted lever engaging V belt via cable	
Rear roller	Two-piece aluminium with steel bevel gear differential	
Front roller	Grooved aluminium with scraper and sealed end-bearings (plain roller optional)	
Grassbox	Moulded plastic with steel reinforcing strip	
Weight	88.5kg (195lb)	94kg (207lb)
Turf Groomer (Available on 10-blade cutting groomer only)	45 blades @ 10mm spacing (C-20). 54 blades @ 10mm spacing (C-24). Groomer's working height infinitely between upper and lower limits'. The unit can be raised fully above the turf if grooming is not required	
Optional accessories	Scarifier with Tunsten tipped blades, Scarifier, Turf Rake, 6 bladed cylinder, 10 bladed cylinder, Sorrel Roller, Brush, 10 bladed cylinder with groomer, Verticut, Slitter C027 Cartridge Stand and C015 Transport Wheel Kit Refer to page 26	



Scan this QR code to see a video of this product in action- see back page for details.

## C27/C34 - INTERCHANGEABLE CARTRIDGE AND TURF MAINTENANCE SYSTEM



Designed to meet requests from groundsmen all over the world, The C27 and C34 offer the end user versatility with the option to interchange an array of cartridges for a wide range of turf-care tasks. Not only is there the convenience of performing multiple turf maintenance tasks using one machine, owners such as sports clubs, turf maintenance contractors and other professionals also benefit from the value of the investment.

The cylinder cutting system, with substantial front and rear rollers, ensures a superior cut, levelness of finish and longer lasting, more crisply defined stripes. Effortless mowing is equally assured with handle-mounted levers for drive and cartridge engagement and the adjustable handlebars have anti-vibration mountings.

While these are heavily constructed cylinder mowers they are compact and manoeuvrable enough to be used in small spaces as well as open sites. The C27 and C34 are quality-built and perform with excellence the multiple tasks the professional requires.

- **A wide range of interchangeable cartridge heads available for a variety of turf maintenance tasks for large areas**
- **One machine capable of performing up to 8 different turf maintenance operations**
- **686mm/27" or 864mm/34" working width**
- **Fast, simple micro cutting height adjustment from 8mm - 55mm (0.32" to 2.17")**

	<b>C27</b>	<b>C34</b>
Working width	686mm (27in)	864mm (34in)
Overall width	940mm (37in)	1120mm (45in)
Engine	Honda GX200	
Power output (net)	4.1kW (5.5hp) @ 3,600 rpm	
Clip Rate	6 blade -111 clips per metre (101 clips/yard) irrespective of forward speed 8 blade -148 clips per metre (135 clips/yard) irrespective of forward speed	
Height of cut	8mm – 55mm	
Handlebar	Adjustable with anti-vibration mountings	
Drive engagement	Handle-mounted lever engaging V belt via cable	
Cartridge head engagement	Handle-mounted lever engaging V belt via cable	
Rear roller	3-piece rubber coated steel roller with differential	3-piece steel roller
Front roller	Grooved roller	Plain steel roller
Grassbox	Moulded plastic with steel reinforcing strip	
Weight	135kg (297lb)	164kg (361lb)
Options	Optional plain front roller	Optional grooved front roller
Optional accessories	8 bladed cylinder, Verticut, 6 bladed cylinder, Brush, Scarifier with Tunsten tipped blades, Scarifier, Sorrel Roller, Turf Rake, grooved or plain front roller Refer to page 27	



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## C34 EVOLUTION - ELECTRIC PROFESSIONAL CYLINDER MOWER WITH INTERCHANGEABLE CARTRIDGE AND TURF MAINTENANCE SYSTEM

NEW



Allett powers into the new age of electric mowers with the C34 Evolution, the large area, walk behind cylinder mower. The latest Lithium Ion system battery technology drives the future of mowing systems for sports stadiums, training grounds and prestige lawns, without compromise and with all the attributes of the Allett heritage.

The system has the power to run a series of interchangeable cartridges to scarify, rake, aerate, brush and verti-cut as well as mow with strong striping and an impeccable cut. Quiet operation, no petrol requirement, less than one hour to recharge batteries and much reduced HAV's (Hand Arm Vibration) add up to a more environmentally sensitive product with no emissions. These are all benefits which will be particularly recognised in enclosed stadiums. The 80V system is powerful enough to deliver the performance required, even for such a large mower, and drive the cartridges for year-round professional multiple task turf maintenance.

- **Electric, battery powered eco-friendly professional mower**
- **No petrol with associated storage and management problems**
- **Quietest mower yet**
- **Variable speed control of cylinder and roller**
- **Built in backlapping with safety features**
- **Touch button control to give instant half speed reduction for controlled turning and manoeuvring around obstacles**
- **Three patents pending**

<b>C34 EVOLUTION</b>	
Working width	864mm (34in)
Overall width	1120mm (45in)
Power Source/Output	No engine, 80V battery system, featuring 4 quick change battery docking stations. Can use any number of batteries from 1 to 4. Brushless drive motors for maximum efficiency & reliability
Power output (net)	4 x 4Ah Li-ion batteries (battery charge time 1 hour!)
Cylinder drive	Reverse drive cylinder rotation
Cuts per Metre	6 blade 70-140 cuts per metre, 8 blade 95-190 cuts per metre
Height of cut	8-50mm
Handlebar	Wide handle bar, with turning control switch* for high productivity
Drive engagement	Bale bar for rear roller drive engagement, handle mounted rear roller speed control
Cartridge head engagement	2 action safety switch & bale bar for cylinder/cartridge engagement, cylinder mode switch* gives option modes for the cartridge fitted, i.e. gives cylinder speed options and reverse drive for the most effective scarifying operation
Rear roller	Rubberised, 3 piece steel construction, with steel differential gears
Front roller	90mm diameter smooth roller, running on double sealed bearings
Grassbox	Moulded plastic with steel reinforcing strip
Weight	115kg no cartridge, 160kg with cartridge
Options	Grooved front roller, back lapping safety control*, Allett service set up to fine tune settings to suit your needs?
Optional accessories	Scarifier with Tunsten tipped blades, Scarifier, Sorrel Roller, Turf Rake, 8 bladed cylinder, Verticut, 6 bladed cylinder, Brush (Refer to page 27). Optional additional batteries and chargers available

OPTIONAL INTERCHANGEABLE CARTRIDGES FOR:

# C20/C24

20" AND 24"



Scarifier with Tungsten tipped blades



Scarifier



Turf Rake



6 bladed cylinder



10 bladed cylinder



Sorrel Roller



Brush



10 bladed cylinder with groomer



Verticut



Slitter



OPTIONAL INTERCHANGEABLE CARTRIDGES FOR:

# C27/C34/C34E



Scarifier with Tungsten tipped blades



Scarifier



Sorrel Roller



Turf Rake



8 bladed cylinder



Verticut



6 bladed cylinder



Brush



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