

INFINICUT[®] ///

34" Pedestrian Rotary Mower

FOR: FOOTBALL, BASEBALL, RUGBY, SPORTSGROUNDS, SCHOOLS & UNIVERSITIES

LEADING-EDGE CUT QUALITY LITHIUM BATTERY
POWER PROGRAMMABLE VIA INFINIAPP™ SIDE
MOUNTED GRASS BOX 34" WIDTH



Leicester City F.C.

"We run a fleet of SM34 rotary mowers and consider them to be one of the most well-balanced machines we've ever used! They have a fantastic level of vacuum force, and the height and walking speed are so quick and simple to set and adjust via the INFINIApp™."

Simon Gibson - Senior Sports Turf and Grounds Manager





The INFINICUT® SM34 Rotary Mower is designed to elevate professional rotary mower performance to a new level. Building on the hugely successful INFINICUT® reel mower range, the INFINICUT® SM34 utilises many of the features offered by the reel mower such as lithium power and best in class noise and vibration levels. Simple to manoeuvre and with a design emphasis on cut quality and consistency, the INFINICUT® SM34 Rotary is not only environmentally friendly but is very much built fit for purpose with the user in mind.

The large 2.5kW blade motor will power through the toughest of conditions. The high lift blade profile ensures maximum efficiency in debris collection and at the same time provides a superior stripe when compared to any other rotary mower.

Grass basket removal and attachment is simple and effective. An available transport kit ensures the rear roller traction drums remain damage free when transporting between venues.

Adjustable brush system is available to help agitate and lift the turf canopy prior to cutting.

OPERATOR CONTROL

Compliance - EC Compliant **Operational parameters** - Programmable via BLE
InfiniApp™ **Grass basket** - 70lt

TRACTION & CONTROL

System voltage - 48V
Traction drive - 1kW Continuous DC Motor **Blade drive** - 2.5kW Continuous DC Motor **Differential** - Fully accessible
Cruise control - Via regenerative braking

POWER

Power is delivered by a lithium power source. Available in either 1.4kkWh or 2.8kkWh to drive the traction unit and the Deck's DC brushless motor. They can be quickly swapped, in-field if necessary, to suit the working environment.

Battery module option: (removable)
30Ah or 60Ah Lithium

Battery charger Delta Q
Approximate recharge time (30Ah) - 4hr
Approximate recharge time (60Ah) - 6hr

Engine generator option: (removable)

WEIGHT

Dry weight (incl. grass basket) 30Ah = 164kg
60Ah = 175kg

REAR TRACTION ROLLER PARALLEL

Ability to parallel rear roller to deck.

HOC

15mm to 50mm - user programmable through InfiniApp™ Method of adjustment via Electronic Actuator

BRAKING

Blade safety braking - Yes **Parking brake** - Yes

DETACHABLE WHEELS

The detachable wheels aid transportation over concrete approaches.



SPEED

Mowing - 0 - 4mph
Transport - 0 - 6mph

ACCESSORY EQUIPMENT

Front roller/Wheels options - Yes
Turf presenter - Turf Lifter System between Front Roller and Deck **Light kit** - LED
Transport - Transport Wheel Kit



The InfiniApp™

Wireless connectivity via Bluetooth

ATT INFINICUT[®] SM 34" ROTARY

Engine*	Honda GX-160
Generator*	2kw continuous; 48VDC brushless
Sound Power Level	86.4dBA
Vibration level	4.85m/s ² ,
Fuel Capacity	2.5 L
Battery Module (30Ah, 60Ah Lithium)	83.8dBA
Vibration level	2.98m/s ² ,

Traction and Differential	
Drive Motor	1kW continuous; brushless DC
Voltage	48VDC
Traction Drive	Chain
Operator Presence Control	Bail Handle & OPC
Differential	Externally mounted
Traction Drum	19cm diameter machined aluminium
Brakes	Electronic/Regenerative
Transport Wheels	Pneumatic 11 x 400 - 5
Mowing Speed	Programmable via wireless interface (smartphone)
Weight	165kg (no grass basket)

Deck and Blades	
Deck Bearings	Sealed spherical ball bearings
Deck Operating Width	860mm
Number of Blades	2 (Timed)
Blade Material	Hardened, Boron Steel
Cutting Frequency	Variable via programmable App
Deck Motor	2.5kW continuous; brushless DC
Deck Speed	Variable via programmable App
Height of Cut	15mm - 50mm
Height of Cut Adjustment	Manual or Via App
Bedknife Material	Hardened carbon steel
Deck Attitude Angle	Adjustable via Twin Rods
Parallel	Parallel Via Traction Eccentric & Deck Eccentric
Grass Bag	75Lts

*Engine/Generator availability TBD

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