

Walk Behind Greens Mowers



INFINICUT 2023



New **Vehicle Control Module (VCM)**. Full wireless connectivity via Bluetooth with the InfiniApp. App can be downloaded via App store or Google Play. Firmware upgrades now uploaded wirelessly. Legacy Firmware versions can be re-installed via the App



New 30Ah LiFePO4 lithium **battery**. Compared to other lithium chemistry:

- Best duty cycle >2000
- Safest – less combustible
- Best High/Low operating temp range
- Incredibly reliable



New auto end of line turn slow down function (programmable).



All new **dedicated cutting unit**. Easy maintenance, torsionally rigid to afford better cut retention, colour coded attitude angle change, all new groomer design, best cut quality bar none.



All new **Electrical architecture**. CANbus design. Fewer connection points to limit water ingress. Bespoke Contactor assembly with soft start to safeguard controllers. New 10Pole motors with unparalleled smooth acceleration (programmable) coupled to a new quiet offset gearbox.



New PolyV Kevlar **belt drive**. Quiet and durable.



Brand new grass basket. Modelled with the help of Computational fluid dynamics (CFD) to ensure minimal turbulence and maximum clipping retention

ALL NEW DEDICATED MOWER TRAILER

- Secure transportation
- No straps
- Swappable ramp wheels to transport
- 22" or 26" width design
- Hitch height adjustment
- Low pressure tires
- Easy on/off system





SUMMARY

The Infinicut 22” model year 2024 has been specifically designed to meet the needs of golf courses. The primary intent is of course cut quality but having been conceptualized by a former superintendent, the Infinicut offers much more:

Efficiency is unparalleled. Longest duty cycle of any competing walk mower. Regularly exceeding 3 – 4 hrs run time.

Great **ergonomics** – well balanced, smooth and quiet makes for a superb operator experience.

Reliability – All CANbus architecture massively minimizes switches and connection points. New cutting unit is a singe to work on.

Brilliant new “**Tilt & Turn feature**” has proved a hit with all who have used it.

Advocacy – we have great product placement with customers increasing their fleets after only one season’s use.

INFINICUT 2024

SPECIFICATIONS



	FX 22	FX 26	FX 30	FX 34	FL 22	FL 26	FL 30	FL 34
POWER								
Battery Module Option <i>(battery modules are removable & interchangeable)</i>	30Ah Lithium (20Kg) 60Ah Lithium (40Kg)		30Ah Lithium (20Kg) 60Ah Lithium (40Kg) 105Ah Lithium (43Kg)		30Ah Lithium (20Kg) 60Ah Lithium (40Kg)		30Ah Lithium (20Kg) 60Ah Lithium (40Kg) 105Ah Lithium (43Kg)	
Battery Charger	Delta Q				Delta Q			
Run Time Battery <i>(dependent on set-up and conditions)</i>	2.5 hr - 3.5 hr (30Ah) 5 hr - 7 hr (60Ah)		2.5 hr - 3.5 hr (30Ah) 5 hr - 7 hr (60Ah) 8 - 10hrs (105Ah)		2.5 hr - 3.5 hr (30Ah) 5 hr - 7 hr (60Ah)		2.5 hr - 3.5 hr (30Ah) 5 hr - 7 hr (60Ah) 8 - 10hrs (105Ah)	
Approx. recharge time	4 hr (30Ah) 6 hr (60Ah)		4 hr (30Ah) 6 hr (60Ah) 8 hr (105Ah)		4 hr (30Ah) 6 hr (60Ah)		4 hr (30Ah) 6 hr (60Ah) 8 hr (105Ah)	
HAVS & SOUND POWER LEVEL								
HAVS	Vibration ah= 0,247 m/s2				Vibration ah= 0,247 m/s2			
Sound Power Level	Noise LpA at operator's operation is 74,3 dB(A)				Noise LpA at operator's operation is 74,3 dB(A)			
TRACTION AND DRIVE								
System Voltage	48V				48V			
Traction Drive	1 kw Continuous DC motor				1 kw Continuous DC motor			
Reel Drive	1 kw Continuous DC motor incl. offset gearbox				1 kw Continuous DC motor incl. offset gearbox			
Differential	Fully accessible				Fully accessible			
Cruise Control	Via regenerative braking				Via regenerative braking			
CHASSIS								
Head Assembly	Fixed				Floating			
Traction Assembly	SplT Traction Drum via differential				SplT Traction Drum via differential			
Adjustments	Adjustable H.O.C. Via front roller Wrenchless height adjuster by 0.004 inch/0.1mm (nominal)				Adjustable H.O.C. Via front roller Wrenchless height adjuster by 0.004 inch/0.1mm (nominal)			
REEL AND BLADES								
Diameter	127mm/5"				127mm/5"			
Width	22"	26"	30"	34"	22"	26"	30"	34"
Number of Blades	7, 11 or 14				7, 11 or 14			
Cutting Frequency	Electronically adjustable via Smart Phone BLE InfiniApp™				Electronically adjustable via Smart Phone BLE InfiniApp™			
Height of Cut Range	1.8mm - 30mm (0.07" - 1") - model dependent				1.8mm - 35mm (0.07" - 1")			
Backlapping	Via InfiniApp™				Via InfiniApp™			
SPEED								
Mowing	0 - 4 mph				0 - 4 mph			
Transport	0 - 6.4 mph				0 - 6.4 mph			
Reverse	0.5 - 1mph				0.5 - 1mph			
WEIGHT AND DIMENSIONS								
Length (mm)	1100	1170	1100	1100	1220	1270	1270	1270
Width (mm)	1000	1100	1200	1300	970	1100	1200	1300
Height (mm)	1210	1210	1210	1160	1200	1210	1210	1130
Weight (Kg) (w/o Grass Basket/battery)	106	114	124	134	116	130	141	150
WEIGHT AND DIMENSIONS (Packaged for shipping)								
Length (mm)	1210	1210	1210	1210	1210	1210	1210	1210
Width (mm)	1170	1170	1170	1170	1170	1170	1170	1170
Height (mm)	1060	1060	1060	1060	1060	1060	1060	1060
Weight (Kg)	190	220	232	217	116	130	141	150
ACCESSORY EQUIPMENT								
Reel Groomer (blade & brush)	Contra-Rotating				Contra-Rotating			
Rear Roller Power Brush	Ground Driven - low drag				Ground Driven - low drag			
TMSystem Compatible*	*See TMSystem™ Specifications				*See TMSystem™ Specifications			
Front Roller Options	Smooth, Grooved or Wyle				Smooth, Grooved or Wyle			
Light Kit	LED				LED			
Grain Control	Out Front Brush				Out Front Brush			
Weight Kit			15kg - 45kg				15kg - 45kg	
Transport	Trailer Kit Available		TBD		Trailer Kit Available		TBD	



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Centaur Asia Pacific has warehousing facilities in Hong Kong, Vietnam, Singapore and Malaysia