

**TORO**

# Greensmaster® e1021/e1026

## Electric fixed-head walk greensmower

## GAME-CHANGING, LITHIUM-ION INNOVATION.

Extremely quiet with no engine exhaust emissions, the all-electric Toro Greensmaster e1021 and e1026 synchronise the operator and machine in an effort to eliminate operator influence on the turf. Offering a 53 cm (21") or 66 cm (26") cutting width, these mowers are among the quietest and most efficient walk greensmowers on the market today. Harnessing the power of lithium-ion battery technology, the e1021 and e1026 take electrical efficiency to a new level, allowing operators to mow up to 4,088 m<sup>2</sup>\* (44,000 ft<sup>2</sup>) of turf on a single charge. In addition, a convenient LCD screen indicates an ongoing battery charge status and also displays useful information such as machine hours, diagnostics and overall battery health. These units are designed for minimal maintenance and a long, productive life, saving on labour and operational costs.



e1021 (shown with optional equipment)

e1026 (shown with optional equipment)

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**EdgeSeries™ reels**

## F E A T U R E S

### Lithium-ion technology

- Mow up to 4,088 m<sup>2</sup>\* (44,000 ft<sup>2</sup>) on a single charge
- Highly efficient, extremely quiet with no engine exhaust emissions, and virtually maintenance free
- Excellent balance for superior tracking and easy manoeuvring in turns

### Best-in-class cutting performance

- Conversion capability from greens to tee mower
- Proven DPA cutting units
- Multiple easy-to-configure clip rate settings
- Choice of cutting units (8, 11 and 14-blade) to accommodate different cutting heights, depending on the model

### Ease of maintenance and operation

- Flex and fixed-head engine models have identical operator controls as the lithium-ion models, making a move from one model to another a breeze
- Rubber-mounted handle to reduce oscillation motion from walking for cutting consistency
- Telescoping loop handle design with combined operational and safety bail
- Operational bail allows for slowing down or a complete stop in tight turns without disengaging traction
- Dual ground speed control using variable throttle control and/or variable speed control bail
- Easy-access parking brake for greater operator control

- LCD provides ongoing battery charge status along with machine settings, diagnostic capabilities and standard on-board backlapping
- Balanced battery management and on-board electronics monitor the mower to automatically optimise battery life.

\*Dependent on machine configuration, turf conditions and battery age.

	GREENSMaster e1021, MODEL 04835*	GREENSMaster e1026, MODEL 04845*
<b>POWER</b>	Lithium-ion battery pack: nominal 51.4 V 29.7 Ah (1.5 kWh) with integrated battery-management system utilising CAN communication with the machine controller and charger. Single battery affixed to unit and charged on board.	
<b>ELECTRIC MOTOR</b>	Brushless permanent magnet DC motor with separable motor controller.	
<b>BATTERY CHARGER</b>	Voltage and current controlled with CAN communication to manage battery health. Complies to max. voltage and current limits directed by the battery management system. Off-board high efficiency 650 W smart charger. • AC input voltage 100–240 VAC • AC input frequency 50/60 Hz • Max input current 7.5 A • Max charge time, empty to full: 4 hours	
<b>FRAME</b>	Fully modular design allows quick disassembly for service/maintenance of all major components.	
<b>TRANSMISSION</b>	Permanent magnet DC motor directly coupled to a fully gear-driven transmission with integral traction differential and traction disconnect to ease movement during service/maintenance operations. Interchangeable drum drive gear cases.	
<b>MAINTENANCE</b>	No grease zerks, sealed bearing design reduces daily maintenance. On-board backlapping standard.	
<b>GROUND SPEED</b>	Mowing speed: 2.0–3.5 mph. Transport speed: 5.3 mph maximum with optional transport tyres	
<b>TRACTION DRUM</b>	Dual position traction drum with positions for contour following or forward weight bias at higher heights of cut.	
<b>BRAKE</b>	Service/parking: band type.	
<b>CONTROLS</b>	Start/On/Off ('ignition') switch, LCD information centre (reports multiple parameters including hours, battery life, faults, diagnostics, backlap control, etc.), throttle, dual-function traction/safety bail, reel-engage lever, service/parking brake lever, optional light switch.	
<b>HANDLE</b>	Loop handle with telescoping adjustment of 12.7 cm (5") total travel, rubber isolated to minimise operator influence during mowing.	
<b>TRANSPORT TYRES/KICKSTAND</b>	Quick detachable 3.00/3.25 x 6 pneumatic (optional). Loop style with service position lock.	
<b>CUTTING UNIT OPTIONS</b>	8, 11 or 14-blade cutting unit options.	8 or 11-blade cutting unit options.
<b>CUTTING UNIT ATTACHMENT</b>	Detachable cutting unit allows for easy removal for service/maintenance or cutting unit exchange for different applications.	
<b>WIDTH OF CUT</b>	53.3 cm (21")	66 cm (26")
<b>HEIGHT-OF-CUT RANGE</b>	For greens (drum position one): 1.5–8 mm (0.062–0.312") For tees (drum position two): 6–16 mm (0.25–0.625") High height-of-cut kit (drum position two): 30 mm (1.18")	
<b>CUTTING UNIT DRIVE</b>	Quick-change dual-speed gear drive combined with positive drive belt for (4) possible reel speed/clip settings.	
<b>FRONT ROLLER</b>	Front roller: optional – must be ordered.	
<b>WEIGHT</b> <small>WITH 11-BLADE AND ALUMINIUM WHEEL ROLLER</small>	109 kg	116.1 kg
<b>CERTIFICATION/WARRANTY</b>	Designed in accordance with ANSI/CE/IEEE/ROHS/C-TICK. Four-year warranty on lithium-ion battery. Refer to the Operator's Manual for further details.	

\*Specifications and design subject to change without notice. Products depicted in this literature are for demonstration purposes only. Actual products offered for sale may vary in design, required attachments and safety features. Consult your local Toro Distributor.



**GREENSMaster e1021 ACCESSORIES**

CUTTING UNITS AND REEL OPTIONS	
04832	8-blade DPA EdgeSeries™ cutting unit
04833	11-blade DPA EdgeSeries cutting unit
04834	14-blade DPA EdgeSeries cutting unit

ROLLER OPTIONS	
04805	Interlaced narrow Wiehle roller
04815	Full front roller
04141	Extended narrow Wiehle roller
04267	Paspalum Wiehle roller
04249	Split front roller – full
04250	Split narrow Wiehle roller
04825	Wide Wiehle roller
115-7361	Auxiliary roller extension kit
140-3363	Interlaced narrow Wiehle roller – heavy

GROOMER OPTIONS	
04707	Universal groomer drive
04270	Grooming brush – soft
04271	Grooming brush – stiff
04802	Twin tip groomer blade assembly

SCRAPER/BRUSH OPTIONS	
139-4383	Interlaced narrow Wiehle roller scraper/brush
139-4385	Interlaced narrow Wiehle roller scraper
115-7378	Wide Wiehle roller scraper/brush
125-3504	Wide Wiehle roller scraper
115-7379	Full roller scraper/brush
125-3505	Full roller scraper

BEDKNIFE OPTIONS	
115-1880	EdgeMax™ microcut (standard)
108-4303	Extended microcut
108-4302	Extended tournament
115-1881	EdgeMax tournament
139-4320	EdgeMax short microcut
139-4321	EdgeMax short tournament
137-0879	EdgeMax fairway bedknife
63-8610	Fairway
93-4262	Microcut
93-4263	Tournament
93-4264	Low cut
94-6392	High cut

TRACTION UNIT ACCESSORIES	
04135	LED light kit
04138	Cutting unit light kit mount
04136	Push broom kit
04123	Wheel kit
139-4342	Backlap access kit
115-4754	Wireless hour meter
99-4286	High height-of-cut kit
04066	Charger

TOOLS AND MAINTENANCE OPTIONS	
04399	Turf evaluator
125-5610	Paper – reel
140-5531	Shim – reel
94-9010	Height-of-cut adjustment bar
131-6828	Angle indicator
131-6829	Mount-angle indicator

**GREENSMaster e1026 ACCESSORIES**

CUTTING UNITS AND REEL OPTIONS	
04842	8-blade DPA EdgeSeries cutting unit
04843	11-blade DPA EdgeSeries cutting unit

ROLLER OPTIONS	
04806	Interlaced narrow Wiehle roller
04816	Full front roller
04146	Long narrow Wiehle roller
04826	Wide Wiehle roller
04127	Split full roller
04137	Split narrow Wiehle roller
115-7361	Auxiliary roller extension kit

GROOMER OPTIONS	
04707	Universal groomer drive
04276	Grooming brush – stiff
04803	Twin tip groomer blade assembly

SCRAPER/BRUSH OPTIONS	
139-5125	Interlaced narrow Wiehle roller scraper/brush
139-4394	Interlaced narrow Wiehle roller scraper
139-7410	Wide Wiehle roller scraper/brush
139-7406	Wide Wiehle roller scraper
139-5117	Full roller scraper/brush
139-4398	Full roller scraper

BEDKNIFE OPTIONS	
117-1548	EdgeMax tournament (standard)
139-4322	EdgeMax short microcut
139-4323	EdgeMax short tournament
139-4324	EdgeMax microcut
107-8181	Fairway
112-9275	Microcut
94-5885	Tournament
93-9015	Low cut
104-2646	High cut

TRACTION UNIT ACCESSORIES	
04135	LED light kit
04138	Cutting unit light kit mount
04136	Push broom kit
139-4342	Backlap access kit
04800	Backlap kit
139-4369	Wireless hour meter kit
99-4286	High height-of-cut bracket
04123	Wheel kit
04066	Charger

TOOLS AND MAINTENANCE OPTIONS	
04399	Turf evaluator
125-5610	Reel paper (10 pack)
140-5531	Reel shim
131-6828	Angle indicator
131-6829	Angle indicator mount
94-9010	Height-of-cut bar

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The Greensmaster e1021 and e1026 are manufactured in Tomah, WI, USA, ISO 9002 certified plant.



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