

## GAME CHANGING LITHIUM-ION INNOVATION.

The start of a whole new greens movement begins with Toro's all-new Greensmaster eFlex 2100 & 1800 models. With industry first Lithium-ion battery technology and superior cutting performance innovations, the eFlex delivers a "game-changing" walk greensmower experience. It is highly efficient, extremely quiet, has no carbon emissions, less maintenance and you can mow up to nine greens (4,180 sq-m) on a single charge. The EZ-Turn™ feature, exclusive to eFlex models, improves control in turns and helps reduce damage to turf without sacrificing productivity. Best-in-class cutting performance, ease of maintenance, and lower cost of ownership are only the beginning of the eFlex story that concludes with improved playability and turf health.



[toro.com/eflex](https://toro.com/eflex)

## F E A T U R E S

### Industry First Lithium-Ion Technology

- Mow up to 9 greens (4,180 sq-m) on a single charge.
- Highly efficient.
- Extremely quiet with no emissions.
- Virtually maintenance-free.
- EZ-Turn™ feature slows down traction speed in turns for improved operator control.

### Best-in-Class Cutting Performance

- Patented flex suspension technology.
- Proven DPA Cutting Units.
- Multiple easy-to-configure clip rate settings.
- Enhanced clippings capture.

### Ease of Maintenance and Operation

- Identical operation and cutting performance as Flex engine models.
- Telescoping handle for enhanced operator comfort and control.
- Convenient thumbwheel controller for easy speed adjustments.
- Traction drive release lever for easy movement while the mower is off.
- Easy access to service brake for greater operator control.
- LCD Display provides ongoing battery charge status.
- Balanced battery management and on-board electronics monitor the mower to automatically optimize battery life.

**GREENSMaster eFLEX 1800, MODEL 04043**

**GREENSMaster eFLEX 2100, MODEL 04042**

<b>POWER</b>	Lithium-Ion battery pack – nominal 53 volt 35 A-Hr (42 – 64 volt, 1.68 kW-hr) with integrated battery management system utilizing CAN communication with the machine controller and charger. Single battery affixed to unit and charged onboard.	
<b>ELECTRIC MOTOR</b>	Brushless permanent magnet DC motor – nominal 1.2 kW (~20A continuous, 30A peak) with integral motor controller and helical gear reduction.	
<b>BATTERY CHARGER</b>	Voltage and current controlled with CAN communication to manage storage wake-up and maintenance features. Complies to max voltage and current limits directed by the battery management system.	
<b>TRANSMISSION</b>	Permanent Magnet DC motor directly coupled to the first stage of a multi-ribbed poly-V belt drive. The traction drums are belt driven through a spur gear planetary differential with integral band style service/parking brake.	
<b>MAINTENANCE</b>	No grease zerks, sealed bearing design reduces daily maintenance.	
<b>GROUND SPEED</b>	Mowing speed: 0.9-3.7 mph (1.4-5.9 km/h). Transport speed (maximum): 5.7 mph (9.2 km/h).	
<b>TRACTION DRUM</b>	Dual cast aluminum 7.5" (19 cm) diameter with taper on outer 2" (5 cm).	
<b>CONTROLS</b>	Start/on/off ('ignition') switch, LCD Information Center (reports multiple parameters including hours, battery life, faults, etc.) throttle, dual function traction/reel control lever, operator presence control, on/off 'EZ-Turn' switch, service/park brake lever, on/off light switch (optional blank slot in console).	
<b>HANDLE</b>	Loop style, molded contour upper, 1" (2.5 cm) diameter lower tube. Two angular adjustments and lift assist on kickstand with 5 cm of telescoping adjustment.	
<b>TRANSPORT TIRES/KICKSTAND</b>	Quick detachable 3.00/3.25 x 6 pneumatic. Lift assist kickstand standard equipment. Loop style with service position lock, 1" (2.5 cm) diameter tube.	
<b>REEL CONSTRUCTION</b>	8-Blade Reel: 5" (12.7 cm) diameter, 8 high carbon steel blades welded to 5 steel spiders; no 8-blade, 18" (46 cm) available. 11-Blade Reel: 5" (12.7 cm) diameter, 11 high carbon steel blades welded to 5 steel spiders. 14-Blade Reel: 5" (12.7 cm) diameter, 14 high carbon steel blades welded to 5 steel spiders.	
<b>SUSPENSION</b>	Semi-floating cutting unit separable from drive unit, pivoting around reel centerline (pitch axis) and pivoting around bedknife centerline side to side (roll axis).	
<b>WIDTH OF CUT</b>	18" (45.7 cm)	21" (53.3 cm)
<b>HEIGHT OF CUT</b>	Front roller adjustable with two-position rear roller: 1st position: (spacer on top) 1/16" - 5/32" (.16 - .4 cm). 2nd position: (spacer below) 1/8" - 19/64" (.32 - .75 cm).	
<b>CLIP FREQUENCIES</b>	Reel drive consists of three pulleys of different diameter. 6-clip adjustments per reel, based on pulley configuration.	
<b>REEL DRIVE</b>	Transmission reel clutch shaft to a drive shaft with a pair of beam style couplers.	
<b>CUTTING UNIT CONSTRUCTION</b>	Machined cast aluminum frame.	
<b>CUTTING UNIT ADJUST/SERVICE</b>	Cutting unit detachable from traction unit. Dual screw "click" adjustments to reel. Front roller height of cut adjustment. Sealed stainless steel reel bearings.	
<b>BEDKNIFE</b>	Bedknife is high carbon through-hardened steel. EdgeMax™ Microcut Bedknife is standard on 11 & 14-blade cutting unit. EdgeMax bedknife is solid tool steel.	
<b>GRASS BASKET</b>	Molded polyethylene with integrated graphics highlighting overlap guidelines, vented for high-efficiency collection.	
<b>ROLLERS</b>	Front Roller: Optional – must be ordered. Rear Roller: Aluminum full roller 2" (5.1 cm) diameter with sealed bearings.	
<b>WORKING WEIGHT</b>	285 lbs (129 kg) with basket, without transport tires and groomer.	293 lbs (133 kg) with basket, without transport tires and groomer.
<b>CERTIFICATION/WARRANTY</b>	Designed in accordance to ANSI/CE/IEEE/ROHS/C-TICK. Two-year limited warranty. Years 3-5 prorated warranty on Lithium-Ion Battery. Refer to the Operator's Manual for further details.	

**GREENSMaster® eFLEX 1800 ACCESSORIES**

CUTTING UNITS & REEL OPTIONS		ROLLER OPTIONS		SCRAPER OPTIONS	
04291	14-Blade DPA Cutting Unit	120-9607	Front Narrow Wiehle Roller	120-9615	Narrow Wiehle Roller Scraper
04289	11-Blade DPA Cutting Unit	120-9609	Front Wide Wiehle Roller	120-9616	Wide Wiehle Roller Scraper
132-7358	14-Blade Reel	120-9611	Front Full Steel Roller (2.5" dia.)	120-9617	Full Roller Scraper
132-7357	11-Blade Reel	115-7361	Front Roller Extension Kit	120-9621	Narrow Wiehle Roller Scraper Brush
<b>STANDARD CUTTING UNIT EQUIPMENT</b>		121-4680	Front Full Extended Width Roller	120-9622	Wide Wiehle Roller Scraper Brush
110-2282-01	Less Aggressive Bedbar	121-4681	Front Extended Wiehle Roller	120-9623	Full Roller Scraper Brush
117-1530	EdgeMax™ Microcut Bedknife	120-9602	Rear Roller Adjustment Kit	120-9624	Narrow Wiehle Roller Scraper Comb
<b>BEDKNIFE &amp; BEDBAR OPTIONS</b>		121-4682	Rear Full Roller – Steel	120-6925	Wide Wiehle Roller Scraper Comb
98-7260	Tournament Bedknife	115-7361	Auxiliary Roller Kit	120-9626	Full Roller Scraper Comb
110-2301	Low Cut Bedknife	<b>GROOMER OPTIONS</b>		120-9627	Scraper Kit with Rear Roller
110-2300	Extended Microcut Bedknife	04259	Flex Groomer Drive, Forward Rotating	<b>TRACTION UNIT ACCESSORIES</b>	
98-7261	Microcut Bedknife	04260	Flex Groomer Drive, Counter Rotating	04293	LED Light Kit (requires Wire Harness 04295)
117-1532	EdgeMax™ Tournament Bedknife	04263	Groomer Reel, Carbide 18" (46 cm)	04295	Wire Harness
117-1530	EdgeMax™ Microcut Bedknife	04743	Thin Blade Grooming Reel 18" (46 cm)	04266	Push Broom Brush
120-9600	High Height of Cut Kit	04264	Grooming Brush 18" (46 cm)	04123	Wheel Kit
110-2281-03	Aggressive Bedbar	127-6119	Groomer Quick Up Kit (without Groomer)	<b>TOOLS</b>	
		04272	Greens Grooming Brush 18" (46 cm) – Soft	04399	Turf Evaluator
		04273	Greens Grooming Brush 18" (46 cm) – Stiff	125-5610	Paper – Reel
				125-5611	Shim – Reel
				94-9010	Height of Cut Adjustment Bar
				131-6828	Angle Indicator
				131-6829	Mount-Angle Indicator

\*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.

The Greensmaster eFlex 1800 & 2100 are manufactured in Tomah, WI ISO 9002 Certified Plant.



CUTTING UNITS & REEL OPTIONS		ROLLER OPTIONS		SCRAPER OPTIONS	
04290	11-Blade DPA Cutting Unit	04255	Front Narrow Wiehle Roller	125-3503	Narrow Wiehle Roller Scraper
04292	14-Blade DPA Cutting Unit	04256	Front Wide Wiehle Roller	125-3504	Wide Wiehle Roller Scraper
132-7342	14-Blade Reel	04250	Split Narrow Wiehle Roller	125-3505	Full Roller Scraper
132-7341	11-Blade Reel	107-3514	Front Wide Wiehle Roller – Steel	115-7377	Narrow Wiehle Roller Scraper Brush
132-7340	8-Blade Reel	04257	Front Full Roller	115-7378	Wide Wiehle Roller Scraper Brush
STANDARD CUTTING UNIT EQUIPMENT		04249	Split Full Front Roller	115-7379	Full Roller Scraper Brush
106-2648-01	Less Aggressive Bedbar	04258	Long Front Narrow Wiehle Roller	115-7380	Narrow Wiehle Roller Scraper Comb
115-1880	EdgeMax™ Microcut Bedknife	04267	Paspalum Roller	115-7381	Wide Wiehle Roller Scraper Comb
BEDKNIFE & BEDBAR OPTIONS		115-7356	Rear Full Roller – Aluminum	115-7382	Full Roller Scraper Comb
93-4263	Tournament Bedknife	120-9595	Rear Full Roller – Steel	115-7383	Rear Roller Scraper
93-4264	Low Cut Bedknife	115-7361	Front Roller Extension Kit	TRACTION UNIT ACCESSORIES	
108-4303	Extended Microcut Bedknife	120-9602	Rear Roller Adjustment Kit	04293	LED Light Kit (requires Wire Harness 04295)
93-4262	Microcut Bedknife	GROOMER OPTIONS		04295	Wire Harness
108-4302	Extended Tournament Bedknife	04259	Flex Groomer Drive, Fwd Rotating	04266	Push Broom Brush
115-1881	EdgeMax™ Tournament Bedknife	04260	Flex Groomer Drive, Counter Rotating	04123	Wheel Kit
120-9600	High Height of Cut Kit	04711	Groomer Reel, Carbide 18" (46 cm)	TOOLS	
99-3794-03	Aggressive Bedbar	04712	Rear Roller Adjustment Kit	04399	Turf Evaluator
		04744	Thin Blade Grooming Reel 18" (46 cm)	125-5610	Paper – Reel
		04713	Grooming Brush 18" (46 cm)	125-5611	Shim – Reel
		127-6119	Groomer Quick Up Kit (w/o groomer)	94-9010	Height of Cut Adjustment Bar
		04708	Groomer Reel, Carbide 21" (53 cm), LH		
		04274	Greens Grooming Brush 21" (53 cm) – Soft		
		04275	Greens Grooming Brush 21" (53 cm) – Stiff		

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