



Greensmaster® eFlex® 2120

ELECTRIC WALK GREENSMOWER

FEATURES

Industry First Lithium-Ion Technology

- Mow up to 9 greens (45,000 sq.ft.) 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

Game changing Lithium-Ion innovation.

Extremely quiet and emission-free, the all-electric Toro® Greensmaster® eFlex® is built with the automated EZ-Turn™ feature that automatically slows the mower down at the end of a mowing pass and speeds it up again on the return pass without sacrificing quality of cut, resulting in better control and reduced turf damage. The eFlex series offers a 21" cutting width (eFlex 2120) and is among the quietest and most efficient walk greensmowers on the market today.

Harnessing the power of lithium-ion battery technology, the eFlex takes electrical efficiency to a new level, allowing operators to mow approximately 45,000 sq. ft. of turf on a single charge. The eFlex series is the first line of mowers to offer lithium-ion battery powered technology. Additionally, a convenient LCD display indicates an ongoing battery charge status and also displays useful information such as machine hours and overall battery health. All Toro Greensmaster mowers feature patented dual precision adjustment (DPA) cutting units.



EdgeSeries™ Reels

Call your Toro distributor at 800-803-8676

GREENSMaster eFLEX 2120, MODEL 04042	
POWER	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.
ELECTRIC MOTOR	Brushless permanent magnet DC motor – nominal 1.2 kW (~20A continuous, 30A peak) with integral motor controller and helical gear reduction.
BATTERY CHARGER	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.
TRANSMISSION	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.
MAINTENANCE	No grease zerks, sealed bearing design reduces daily maintenance.
GROUND SPEED	Mowing speed: 0.9-3.7 mph (1.4-5.9 km/h). Transport speed (maximum): 5.7 mph (9.2 km/h).
TRACTION DRUM	Dual cast aluminum 7.5" (19 cm) diameter with taper on outer 2" (5 cm).
CONTROLS	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).
HANDLE	Loop style, molded contour upper, 1" (2.5 cm) diameter lower tube. Two angular adjustments and lift assist on kickstand with 2.0 inches of telescoping adjustment.
TRANSPORT TIRES/KICKSTAND	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.
REEL CONSTRUCTION	8-Blade Reel: 5" (12.7 cm) diameter, 8 high carbon steel blades welded to 5 steel spiders. 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.
SUSPENSION	Semi-floating cutting unit separable from drive unit, pivoting around reel centerline (pitch axis) and pivoting around bedknife centerline side to side (roll axis).
WIDTH OF CUT	21" (53.3 cm)
HEIGHT OF CUT	Cutting height is adjusted on front roller by two vertical screws and held by two locking cap screws. Bench height of cut range is .062"-.297" (1.6-7.5 mm) with high height of cut kit, range is .297"-1.0" (7.5-25.4 mm). Effective height of cut may vary depending on turf conditions and bedknife installed.
CLIP FREQUENCIES	Reel drive consists of three pulleys of different diameter. 6-clip adjustments per reel, based on pulley configuration.
REEL DRIVE	Transmission reel clutch shaft to a drive shaft with a pair of beam style couplers.
CUTTING UNIT CONSTRUCTION	Machined cast aluminum frame.
CUTTING UNIT ADJUST./SERVICE	Cutting unit detachable from traction unit. Dual screw "click" adjustments to reel. Front roller height of cut adjustment. Sealed stainless steel reel bearings.
BEDKNIFE	Bedknife is high carbon through-hardened steel. EdgeMax™ Microcut Bedknife is standard on 11 & 14-blade cutting unit. EdgeMax bedknife is solid tool steel.
GRASS BASKET	Molded polyethylene with integrated graphics highlighting overlap guidelines, vented for high-efficiency collection.
ROLLERS	Front Roller: Optional – must be ordered. Rear Roller: Aluminum full roller 2" (5.1 cm) diameter with sealed bearings.
WORKING WEIGHT	293 lbs. (133 kg) w/basket, w/o transport tires and groomer.
CERTIFICATION /WARRANTY	Designed in accordance to ANSI/CE/IEEE/ROHS/IC-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 2120 ACCESSORIES

CUTTING UNITS & REEL OPTIONS	
04290	11-Blade DPA Cutting Unit
04292	14-Blade DPA Cutting Unit
132-7342	14-Blade Reel
132-7341	11-Blade Reel
132-7340	8-Blade Reel

STANDARD CUTTING UNIT EQUIPMENT	
115-1880	EdgeMax™ Microcut Bedknife
106-2648-01	Less Aggressive Bed Bar

BEDKNIFE & BEDBAR OPTIONS	
93-4263	Tournament Bedknife
93-4264	Low Cut Bedknife
108-4303	Extended Microcut Bedknife
93-4262	Microcut Bedknife
108-4302	Extended Tournament Bedknife
115-1881	EdgeMax™ Tournament Bedknife
120-9600	High Height of Cut Kit
99-3794-03	Aggressive Bedbar

TRACTION UNIT ACCESSORIES	
04293	LED Light Kit (requires Wire Harness 04295)
04295	Wire Harness
04266	Push Broom Brush
04123	Wheel Kit

TOOLS	
04399	Turf Evaluator
125-5610	Paper – Reel
125-5611	Shim – Reel
94-9010	Height of Cut Adjustment Bar
04399	Turf Evaluator

ROLLER OPTIONS	
04255	Front Narrow Wiehle Roller
04256	Front Wide Wiehle Roller
04250	Split Narrow Wiehle Roller
107-3514	Front Wide Wiehle Roller – Steel
04257	Front Full Roller
04249	Split Full Front Roller
04258	Long Front Narrow Wiehle Roller
04267	Paspalum Roller
115-7356	Rear Full Roller – Aluminum
120-9595	Rear Full Roller – Steel
115-7361	Front Roller Extension Kit
120-9602	Rear Roller Adjustment Kit

GROOMER OPTIONS	
04648	Universal Groomer Drive
04802	Groomer Reel – Twin Tip
127-6119	Groomer Quick Up Kit (w/o groomer)
04270	Greens Grooming Brush (21") – Soft
04271	Greens Grooming Brush (21") – Stiff

SCRAPER OPTIONS	
125-3503	Narrow Wiehle Roller Scraper
125-3504	Wide Wiehle Roller Scraper
125-3505	Full Roller Scraper
115-7377	Narrow Wiehle Roller Scraper Brush
115-7378	Wide Wiehle Roller Scraper Brush
115-7379	Full Roller Scraper Brush
115-7380	Narrow Wiehle Roller Scraper Comb
115-7381	Wide Wiehle Roller Scraper Comb
115-7382	Full Roller Scraper Comb
115-7383	Rear Roller Scraper

*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.

