

The Toro logo is a red rounded rectangle with the word "TORO" in white, bold, sans-serif capital letters.

# Greensmaster® Flex™

WALK GREENSMOWERS

## F E A T U R E S

### Best-in-Class Cutting Performance

- Patented Flex suspension
- Proven DPA Cutting Unit technology
- Multiple easy-to-configure clip rate settings
- Enhanced clippings capture

### More Power and Simple Transmission

- Subaru® industrial high-tech engine
- Higher torque for more power at low RPM's
- Extremely efficient, fluid-free poly-v belt transmission design

### Ease of Maintenance and Operation

- 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

## Superior putting starts with superior cutting.

Greensmaster Flex 2100 and 1800 models offer the industry-leading cutting performance you've come to expect from Toro, with added innovations that improve playability and turf health, enhance productivity, and simplify service. Patented Flex suspension units, and the most efficient clipping collection system combine to deliver exceptional quality of cut for a superior putting surface. In addition, six easy-to-configure variable clip

adjustments combined with three reel choices provide any

clip rate setting necessary to achieve your desired playing condition. The single belt drive transmission is simple and reliable – focused on delivering a consistent cut on every pass and on every green. Add improved productivity and simplified service to the list and you'll quickly understand why the Greensmaster Flex promises to make the best greensmowers even better.

[toro.com/flex](http://toro.com/flex)



# Greensmaster Flex 1800 & 2100 Specifications\*

	GREENSMaster FLEX 1800, MODEL 04041	GREENSMaster FLEX 2100, MODEL 04040
<b>ENGINE</b>	Subaru® Heavy-Duty Industrial, 4.3 HP, OHC, 4-cycle, CARB, EPA, EU, China certified gasoline engine with integral lighting coil. Displacement: 7.7 cu in. (126 cc). Cast iron cylinder sleeve. Electronic ignition. Maximum noise suppression muffler.	
<b>FUEL CAPACITY</b>	3.17 quarts (3.0 liters) regular grade unleaded gasoline.	
<b>TRANSMISSION</b>	Engine powered ramp-engagement style friction clutch 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: 1.6-3.7 mph (2.5-5.9 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>	<b>Engine Controls:</b> Recoil starter, choke, fuel shut-off. <b>Handle Controls:</b> on/off ('ignition') switch, hour meter, throttle, dual function traction/reel control lever, operator presence control, 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 kickstand with 2.0 inches 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" 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 2 position rear roller: 1st position (spacer on top) 1/16" - 5/32" (1.59 - 3.97 mm). 2nd position (spacer below) 1/8" - 19/64" (3.17 - 7.54 mm).	
<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 ADJUSTMENT/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>	<b>Front Roller:</b> Optional – must be ordered. <b>Rear Roller:</b> Aluminum full roller 2" (5.1 cm) diameter with sealed bearings.	
<b>WORKING WEIGHT</b>	254 lbs. (115 kg) w/basket, w/o transport tires and groomer.	260 lbs. (118 kg) w/basket, w/o transport tires and groomer.
<b>CERTIFICATION / WARRANTY</b>	Designed in accordance to ANSI B71.4-2012 and European Community (CE) specifications. Two-year limited warranty. Refer to the Operator's Manual for further details.	

## GREENSMaster FLEX 1800 ACCESSORIES

CUTTING UNITS & REEL OPTIONS		GROOMER OPTIONS	
04254	14-Blade DPA Cutting Unit	04259	Flex Groomer Drive, Fwd Rotating
04253	11-Blade DPA Cutting Unit	04260	Flex Groomer Drive, Counter Rotating
119-4102	14-Blade Reel	04263	Groomer Reel, Carbide (18")
119-4101	11-Blade Reel	04743	Thin Blade Grooming Reel (18")
<b>STANDARD CUTTING UNIT EQUIPMENT</b>		04264	Grooming Brush (18")
110-2282-01	Less Aggressive Bedbar	127-6119	Groomer Quick Up Kit (w/o groomer)
117-1530	EdgeMax™ Microcut Bedknife	04272	Greens Perfection Brush (18") – Soft
		04273	Greens Perfection Brush (18") – Stiff
BEDKNIFE & BEDBAR OPTIONS		SCRAPER OPTIONS	
98-7260	Tournament Bedknife	120-9615	Narrow Wiehle Roller Scraper
110-2301	Low Cut Bedknife	120-9616	Wide Wiehle Roller Scraper
110-2300	Extended Microcut Bedknife	120-9617	Full Roller Scraper
98-7261	Microcut Bedknife	120-9621	Narrow Wiehle Roller Scraper Brush
117-1532	EdgeMax™ Tournament Bedknife	120-9622	Wide Wiehle Roller Scraper Brush
117-1530	EdgeMax™ Microcut Bedknife	120-9623	Full Roller Scraper Brush
120-9600	High Height of Cut Kit	120-9624	Narrow Wiehle Roller Scraper Comb
110-2281-03	Aggressive Bedbar	120-9625	Wide Wiehle Roller Scraper Comb
94-9010	Height of Cut Adjustment Bar	120-9626	Full Roller Scraper Comb
		120-9627	Scraper Kit with Rear Roller
ROLLER OPTIONS		TRACTION UNIT ACCESSORIES	
120-9607	Front Narrow Wiehle Roller	04265	LED Light Kit
120-9609	Front Wide Wiehle Roller	04266	Push Broom Brush
120-9611	Front Full Steel Roller (2.5" dia.)	04123	Wheel Kit
115-7361	Front Roller Extension Kit	04399	Turf Evaluator
121-4680	Front Full Extended Width Roller	<b>TOOLS</b>	
121-4681	Front Extended Wiehle Roller	04399	Turf Evaluator
125-3537	Extended Rear Roller Kit	125-5610	Paper – Reel
120-9602	Rear Roller Adjustment Kit	125-5611	Shim – Reel
121-4682	Rear Full Roller – Steel	94-9010	Height of Cut Bar Assembly
115-7361	Auxiliary Roller Kit		

## GREENSMaster FLEX 2100 ACCESSORIES

CUTTING UNITS & REEL OPTIONS		ROLLER OPTIONS	
04251	11-Blade DPA Cutting Unit	04255	Front Narrow Wiehle Roller
04252	14-Blade DPA Cutting Unit	04256	Front Wide Wiehle Roller
119-4105	14-Blade Reel	04250	Split Narrow Wiehle Roller
119-4104	11-Blade Reel	107-3514	Front Wide Wiehle Roller – Steel
119-4103	8-Blade Reel	04257	Front Full Roller
<b>STANDARD CUTTING UNIT EQUIPMENT</b>		04249	Split Full Front Roller
115-1880	EdgeMax™ Microcut Bedknife	04258	Long Front Narrow Wiehle Roller
106-2648-01	Less Aggressive Bed Bar	04267	Paspalum Roller
<b>BEDKNIFE &amp; BEDBAR OPTIONS</b>		115-7356	Rear Full Roller – Aluminum
93-4263	Tournament Bedknife	120-9595	Rear Full Roller – Steel
93-4264	Low Cut Bedknife	115-7361	Front Roller Extension Kit
108-4303	Extended Microcut Bedknife	120-9602	Rear Roller Adjustment Kit
93-4262	Microcut Bedknife	<b>GROOMER OPTIONS</b>	
108-4302	Extended Tournament Bedknife	04259	Flex Groomer Drive, Fwd Rotating
115-1881	EdgeMax™ Tournament Bedknife	04260	Flex Groomer Drive, Counter Rotating
120-9600	High Height of Cut Kit	04711	Groomer Reel, Carbide (RH)
99-3794-03	Aggressive Bedbar	04712	Groomer Reel, Spring Steel (RH)
94-9010	Height of Cut Adjustment Bar	04744	Thin Blade Grooming Reel (21")
<b>TRACTION UNIT ACCESSORIES</b>		04713	Grooming Brush
04265	LED Light Kit	127-6119	Groomer Quick Up Kit (w/o groomer)
04266	Push Broom Brush	04708	Groomer Reel, Carbide (21", LH)
04123	Wheel Kit	04274	Greens Perfection Brush (21") – Soft
04399	Turf Evaluator	04275	Greens Perfection Brush (21") – Stiff
<b>TOOLS</b>		<b>SCRAPER OPTIONS</b>	
04399	Turf Evaluator	125-3503	Narrow Wiehle Roller Scraper
125-5610	Paper – Reel	125-3504	Wide Wiehle Roller Scraper
125-5611	Shim – Reel	125-3505	Full Roller Scraper
94-9010	Height of Cut Bar Assembly	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.

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

