

**TORO**

Count on it.

# Greensmaster® Flex 18

## FEATURES

### Toro® Greensmaster Flex 18:

- Flexible cutting unit, superior ground contour following
- Constant bedknife attitude throughout life of reel
- Dual function lever controls both traction and reel
- Smaller clip .14" (3.6 mm)
- Tapered drum
- DPA precision cutting unit

*The Greensmaster® Flex 18 is designed to please the most sophisticated golfer, delivering superior ball roll and excellent aesthetics. The flexible cutting unit virtually eliminates scalping and its narrower width cuts closer in extreme undulations and concave surfaces. Front and rear rollers closely tucked enable you to mow greens in any direction without the fear of scalping. A smaller .14" (3.6 mm) clip matched with as low as 1/16" (1.6 mm) cutting height results in a truer ball roll.*



# Greensmaster® Flex 18

The cutting height remains constant as the grass baskets fill, because the baskets attach to the traction unit frame. Unlike fixed-head mowers, this frame distributes the weight over the traction drum and both cutting-unit rollers for an even cut.

The tapered traction drum is gentle on the turf and minimizes turf marking. These well-planned features and a simple dual-function traction/reel control lever make it easier than ever for the operator to produce the finest putting surface.

## Greensmaster Flex 18 Specifications

### Engine

**Model:** Kawasaki® 4-cycle  
**Rating:** 3.7 hp (2.7 kW)  
**Displacement:** 7.57 cu in. (124 cc)  
**Air cleaner:** Dual-element

### Fuel Tank Capacity

2.64 quarts (2.5 liters)

### Gear Box Drive

**Traction:** Integral gearbox assembly directly mounted to the engine. The traction drive consists of a constant mesh planetary gear reduction incorporating a wet bath band-type clutch and brake driving a differential assembly integrated into the gearbox assembly. Positive drive belt to traction drum.

**Implement:** Consistent mesh gear driven countershaft with integral cone wet clutch. Drive shaft consists of two stainless steel beam couplings for angular misalignment combined with a molybdenum disulfide nylon extension member to accommodate axial movement. Positive drive belt to reel.

### Maintenance

No grease zerks, sealed bearing design eliminates daily maintenance.

### Ground Speed

**Mowing speed:** 1.3-3.3 mph (2.1-5.3 km/h)  
**Transport speed (maximum):** 4.9 mph (6.6 km/h)

### Traction Drum

Dual cast aluminum, 7.5" (19 cm) diameter, tapered on outer  $\frac{1}{3}$  of length.

### Controls

**Engine mounted:** On/off switch, recoil starter, choke.  
**Handle mounted:** Throttle lever, dual function traction/reel control lever, service/park brake lever.  
**Safety devices:** Neutral interlock system, servicing/park brake, enclosed drive system.

### Handle

Loop style, 1" (2.5 cm) diameter with easy pull pin height adjustment, operator selected.

### Transport Tires/Kick Stand

Two quick detachable pneumatic tires; 3.00 x 3.25-6" (8.25 cm) tread width, optional; kickstand standard equipment.

### Reel Construction

5" (12.7 cm) diameter, high-strength, low-alloy steel, through hardened, impact resistant, 11-blade.

### 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).

### Dimensions & Weight

**Width of Cut:** 18" (45.7 cm)  
**Height of Cut:**  $\frac{1}{16}$ - $\frac{3}{4}$ " (1.6-19.1 mm)  
**Dry Weight:** 238 lbs. (108 kg) with aluminum Wiehle roller, kickstand and grass basket; without transport tires and groomer.

### Clip Frequency

**11-blade:** .14" (3.6 mm)

### Cutting Unit Construction

Extruded aluminum mainframe with cast aluminum side plates.

### Cutting Unit Adjustments/Service

Cutting unit detachable from traction unit. Dual screw "click" adjustments to reel. Front roller height of cut adjustment using plow bolts for superior retension of cutting height. Sealed reel bearings utilizing multi-lip canister seals.

### Bedknife

Bedknife is high carbon through-hardened steel. Microcut Bedknife standard.

### Grass Basket

Molded polyethylene with integrated graphics highlighting overlap guidelines, vented for high-efficiency collection. Carried on main frame avoiding front roller weight bias.

### Rollers

**Front Roller:** Aluminum Wiehle 2.5" (6.4 cm) diameter with sealed bearings and multi-lip seals standard.  
**Rear Roller:** Aluminum full roller 2" (5.1 cm) diameter with sealed bearings and multi-lip seals standard.

**Warranty:** Two year limited warranty. Refer to the Operator's Manual for further details.