



# Riding Greensmaster® Cutting Units with Dual Point Adjustment (DPA)\*

	8 BLADE DPA CUTTING UNITS, 04610 11 BLADE DPA CUTTING UNITS, 04611
<b>TRACTOR</b>	These cutting units will mount on any Toro riding Greensmaster.
<b>HEIGHT OF CUT (HOC) RANGE</b>	Cutting height is adjusted on front roller by two vertical screws and held by two locking cap screws. Bench HOC range is .062-.297" (1.6-7.5 mm). With high HOC kit, range is .285-1" (7.3-25.4 mm). Effective HOC may vary depending on turf conditions and bedknife installed.
<b>REEL WELDMENT</b>	Reels are 5" (13 cm) in diameter, 21" (53.3 cm) in length. High carbon steel blades are welded to 5 stamped steel spiders, and heat treated to RC 48-54 hardness. The reel is ground for diameter and concentricity, and backgrind.
<b>REEL BEARINGS</b>	Two double row, self-aligning ball bearings, 30 +/- .1 mm inside diameter slip fit onto reel shaft with lock nut. Multiple seal barriers on both sides of bearing for added protection. Reel position maintained by a wave washer with no adjusting nut.
<b>MAINTENANCE</b>	No grease zerks, sealed bearing design eliminates daily maintenance.
<b>REEL DRIVE</b>	The reel weldment shaft is a 1.375" (35 mm) diameter tube with drive inserts permanently pressed in both ends. A replaceable floating coupler with an internal eight tooth spline is factory installed on the right end, and held in place by a snap ring. The floating coupler may be moved to the other end when the cutting unit is used on the GR3250-D front right position.
<b>FRAME</b>	Precision machined, die-cast aluminum cross member with two bolt-on die-cast aluminum side plates.
<b>AGGRESSIVENESS</b>	Aggressiveness stays constant throughout the life of the reel. Patented design.
<b>BEDKNIFE</b>	Replaceable single edged, high carbon steel bedknife austempered to RC 48-55, fastened to a machined cast iron bedbar with 13 screws. Tournament bedknife is standard.
<b>BEDKNIFE ADJUSTMENT</b>	Dual screw, indexed "click" adjustment to the reel; detents corresponding positively to .0007" (.018 mm) bedknife movement for each position.
<b>FRONT &amp; REAR ROLLERS</b>	Front: Aluminum Wiehle® 2.5" (6.4 cm) diameter with sealed bearings and through-shaft. Option between full, narrow-spaced and wide-spaced roller. Rear: Steel full, 2" (5.1 cm) diameter with sealed bearings and through-shaft.
<b>GRASS SHIELD</b>	Non-adjustable shield with adjustable cut-off bar to improve grass discharge from reel in wet conditions.
<b>TOTAL WEIGHT</b>	8-blade: 72 lbs. (32.7 kg) with aluminum Wiehle Roller. 11-blade: 75 lbs. (34.1 kg) with aluminum Wiehle Roller.

	DPA CUTTING UNIT OPTIONS		
	Part No.	Description	Height of Cut Range (REC)
<b>SERVICE BEDKNIVES</b>	93-4262	Micro-Cut Bedknife	.062-.188" (1.6-4.8 mm)
	94-4263	Tournament Bedknife	.125-.375" (3.2-9.5 mm)
	93-4264	Lo-Cut Bedknife (1/8)	.188-1.00" (4.8-25.4 mm)
	94-6392	Hi-Cut Bedknife	.312-1.00" (7.9-25.4 mm)
	63-8600	Fairway Bedknife	.375-1.00" (9.5-25.4 mm)
	<b>FULL ROLLER</b>	Model 04620. Set of three (3) 2.5" +/- .03" (6.35 cm) diameter, with sealed bearings and through-shaft (steel tube).	
<b>NARROW-SPACED WIEHLE</b>	Model 04621. Set of three (3) 2.5" +/- .03" (6.35 cm) diameter, .20" +/- .03" spacing with sealed bearings and through-shaft (aluminum).		
<b>WIDE-SPACED WIEHLE</b>	Model 04622. Set of three (3) 2.5" +/- .03" (6.35 cm) diameter, .93" +/- .03" spacing with sealed bearings and through-shaft (aluminum).		
<b>GROOMER</b>	Includes a set of three (3) grooming reels, 2.375" (6.03 cm) diameter, .028" (.71 mm) thick heat treated spring steel, operating at 3,000 RPM. Powered by a six (6) rib Poly-V-Belt.		
	Model 04630. Kit contains three (3) left-hand side drive assemblies for GR3050/3100/3150. Model 04631. Kit contains two (2) left-hand drive assemblies and one (1) right-hand side drive assembly for GR3250-D.		
<b>POWERED REAR ROLLER BRUSH</b>	Model 04640. Includes three brush assemblies. Fits GR3050/3100/3150 cutting units.		
	Model 04641. Includes three brush assemblies that can be mounted for left-hand or right-hand side drive. Fits GR3250-D cutting units.		
<b>ROLLER SCRAPER KITS</b>	P/N 106-4661. One front Wiehle scraper (narrow-spaced Wiehle).		
	P/N 106-4662. One wide Wiehle roller scraper (wide-spaced Wiehle).		
	P/N 106-4663. One full roller scraper (smooth).		
	Model 04646. Set of three spring-loaded rear roller scrapers.		
<b>HIGH HEIGHT OF CUT KIT</b>	P/N 106-4699. For one cutting unit.		
<b>5 BLADE HEAVY DUTY REEL</b>	P/N 106-2626. One reel weld assembly.		
<b>GROOMER BRUSH ASSY.</b>	P/N 106-2616. One brush.		

\* Specifications and design subject to change without notice.

The riding Greensmaster Cutting Units are manufactured in Tomah, WI ISO 9002 Certified Plant.

