



Greensmaster® Flex 18 & 21 Specifications

| | GREENSMASTER FLEX 18**, MODEL 04018 | GREENSMASTER FLEX 21**, MODEL 04022 |
|---|--|--|
| ENGINE | Kawasaki®, 4-cycle, 3.7 hp (2.7 kW), air-cooled OHV engine, 3600 rpm. Displacement: 7.57 cu in. (124 cc). Cast iron cylinder sleeve. Electronic ignition. Maximum noise suppression muffler. 83 dB(A) at operator's ear. | |
| FUEL CAPACITY | 2.64 quarts (2.5 liters) regular grade unleaded gasoline. | |
| GEARBOX 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 Peerless® 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: 1.2-3.3 mph (1.9-5.38 km/h). Transport speed (maximum): 4.9 mph (7.9 km/h). | |
| TRACTION DRUM | Dual cast aluminum, 7.5" (19 cm) diameter, tapered ends. | |
| CONTROLS | Engine mounted: recoil starter, choke. Handle-mounted: on/off switch, 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/ KICKSTAND | Two quick detachable pneumatic tires; 3.00 x 3.25-6" (8.25 cm) tread width. Kickstand standard equipment. | |
| REEL CONSTRUCTION | 5" (12.7 cm) diameter, high-strength, low-alloy steel, through hardened, impact resistant, 11-blade standard, 8-blade optional. | |
| 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 | 18" (45.7 cm) | 21" (53.3 cm) |
| HEIGHT OF CUT | 1/16"-1/2" (1.6-12.7 mm) to 3/4" (19.1 mm) with optional High HOC kit. | |
| CLIP FREQUENCY | 11-blade: .14" (3.6 mm) std; .16" and .21" (4.1-5.33 mm) by moving pulleys; 8-blade: .19" (4.-8 mm) std; .24" and .29" (6.1 and 7.4 mm) | |
| CUTTING UNIT CONSTRUCTION | Cast aluminum frame. | |
| CUTTING UNIT ADJUSTMENTS/SERVICE | Cutting unit detachable from traction unit. Dual screw "click" adjustments to reel. Front roller height of cut adjustment. Sealed reel bearings. | |
| 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. | |
| ROLLERS | Front Roller: Aluminum Wiehle 2.5" (6.4 cm) diameter with sealed bearings. Rear Roller: Aluminum full roller 2" (5.1 cm) diameter with sealed bearings. | |
| WORKING WEIGHT | 261 lbs. (118 kg) with basket, w/o transport tires and groomer. | 267 lbs. (121 kg) w/basket, w/o transport tires and groomer. |
| WARRANTY | Two-year limited warranty. Refer to the Operator's Manual for further details. | |

**04030 Flex 18 CARB (California Air Requirements Board)
04031 Flex 21 CARB (California Air Requirements Board)

GREENSMASTER FLEX 18 & FLEX 21 ACCESSORIES

| Part No. | Description | Part No. | Description | Part No. | Description | Part No. | Description |
|----------|---------------------------|----------|---------------------------------|----------|-----------------------------------|------------|---------------------------------|
| 04057 | Light Kit | 106-4699 | High Height of cut kit | 108-6468 | Front Roller Scraper Kit - Narrow | 110-3967 | Front Roller Comb Kit - Wide |
| 04119 | Out Front Brush Kit | 106-6945 | 21" Full Roller Asm - Rear | 110-3961 | Front Roller Scraper Kit - Wide | 110-3968 | Front Roller Comb Kit - Full |
| 04123 | Wheel Kit | 107-7634 | 8 Blade Reel Asm - Service | 110-3962 | Front Roller Scraper Kit - Full | 112-9352 | Scraper Kit w/rear Roller - 21" |
| 04202 | Flex 21 DPA Cutting Unit | 107-9038 | Wiehle Roller Asm - .93 Spacing | 110-3963 | Front Roller Brush Kit - Narrow | 93-4263 | Bedknife- Tournament Cut |
| 112-9282 | Operator Presence Kit | 107-9039 | Full Roller Asm | 110-3964 | Front Roller Brush Kit - Wide | 93-4264 | Auxiliary Roller Kit, Flex |
| 04224 | Flex Groomer Drive System | 108-4303 | Bedknife-Microcut, Extended | 110-3965 | Front Roller Brush Kit - Full | 99-3794-03 | Bedbar-Aggressive - Black |
| 04227 | Carbide Grooming Reel 21" | 108-4333 | Auxiliary Roller Kit, Flex | 110-3966 | Front Roller Comb Kit - Narrow | | |

*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 Flex 21 is manufactured in Tomah, WI ISO 9002 Certified Plant.





Greensmaster® 1000 Series Specifications*

| GREENSMaster 1000**, MODEL 04052 | | | | | | | | | | |
|-------------------------------------|--|---------------|--|------------|--------------------|---------------|---------------|-------------------|---------------|---------------|
| ENGINE | Kawasaki®, 4-cycle, 3.7 hp (2.7 kW), air-cooled OHV engine, 3600 rpm. Displacement: 7.57 cu. in (124 cc). Cast iron cylinder sleeve. Output shaft speed is 1800 rpm. Electronic ignition with integral lighting coil. Maximum noise suppression muffler. 83 dB(A) at operator's ear. | | | | | | | | | |
| FUEL CAPACITY | 2.64 quarts (2.5 liters); regular grade unleaded gasoline. | | | | | | | | | |
| TRACTION AND IMPLEMENT DRIVE | Engine to countershaft drive: two "A" section V-belts. Timing belts from countershaft to differential, drive drum and reel. | | | | | | | | | |
| GROUND SPEED | Mowing speed: 1.3 mph (2.1 km/h) to 3.5 mph (5.6 km/h). Transport speed (maximum): 5.3 mph (8.5 km/h). | | | | | | | | | |
| DIFFERENTIAL | Peerless Series 100. | | | | | | | | | |
| CLUTCHES | Traction: inside belt idler. Reel: jaw type. | | | | | | | | | |
| BRAKE | Service/parking-band type. | | | | | | | | | |
| TRACTION DRUM | Dual cast aluminum, 7.5" (19 cm) diameter. | | | | | | | | | |
| CONTROLS | Engine mounted; recoil starter, choke. Handle mounted: on/off switch, throttle lever, traction engage lever, service/park brake lever. Frame mounted: reel drive engage lever. Safety devices: neutral interlock system, servicing/park brake, enclosed drive system. Optional: Operator Presence Control. | | | | | | | | | |
| HANDLE | Loop style; 1" (2.5 cm) diameter with easy pull pin height adjustment, operator selected. | | | | | | | | | |
| TRANSPORT TIRES/ KICKSTAND | Two quick detachable pneumatic tires, 3.00 x 3.25-6. 15 psi (1.03 bars) tire pressure. Kickstand is standard, wheels are optional. | | | | | | | | | |
| REEL CONSTRUCTION | 5" (12.7 cm) diameter, 11 carbon steel blades welded to 5 stamped steel spiders. Optional 8 blade. | | | | | | | | | |
| WIDTH OF CUT | 21" (53.3 cm) | | | | | | | | | |
| HEIGHT OF CUT | 5/64" to 1" (2.0-25.4 mm) | | | | | | | | | |
| CLIP | <table border="0"> <tr> <td></td> <td></td> <td style="text-align: center;">w/Clip Kit</td> </tr> <tr> <td>Standard 11 Blade:</td> <td>.16" (4.1 mm)</td> <td>.25" (6.4 mm)</td> </tr> <tr> <td>Optional 8 Blade:</td> <td>.23" (5.8 mm)</td> <td>.34" (8.6 mm)</td> </tr> </table> | | | w/Clip Kit | Standard 11 Blade: | .16" (4.1 mm) | .25" (6.4 mm) | Optional 8 Blade: | .23" (5.8 mm) | .34" (8.6 mm) |
| | | w/Clip Kit | | | | | | | | |
| Standard 11 Blade: | .16" (4.1 mm) | .25" (6.4 mm) | | | | | | | | |
| Optional 8 Blade: | .23" (5.8 mm) | .34" (8.6 mm) | | | | | | | | |
| BEDKNIFE/BEDBAR | Dual screw "click" adjustment to reel. Bedknife is high carbon austempered steel. Tournament bedknife standard. | | | | | | | | | |
| GRASS BASKET | Patented design: molded polyethylene, baffled and vented for high efficiency collection. | | | | | | | | | |
| FRONT ROLLER | Aluminum Wiehle roller standard; 2" (5.1 cm) diameter, .200 spacing. | | | | | | | | | |
| WEIGHT | 208 lbs. (94.3 kg) with aluminum Wiehle roller, kickstand and grass basket, without transport tires and groomer. | | | | | | | | | |
| CERTIFICATION | Certified to meet ANSI specifications B71.4-2004 and European Community (CE) specifications with required kits installed. | | | | | | | | | |
| WARRANTY | Two-year limited warranty. Refer to the Operator's Manual for further details. | | | | | | | | | |

** 04034 Greensmaster 1000 CARB (California Air Requirements Board)

| GREENSMaster 1000 ACCESSORIES | | | | | |
|-------------------------------|----------------------------|----------|--------------------|----------|---------------------------|
| Part No. | Description | Part No. | Description | Part No. | Description |
| 104-2642 | 21" Full Roller Asm - Rear | 112-9285 | Smooth Scraper Kit | 112-9288 | Wide Wiehle Scraper Kit |
| 105-5350 | Hour Meter Kit | 112-9286 | Scraper Brush Kit | 112-9289 | Narrow Wiehle Scraper Kit |
| 112-9279-03 | Bedbar-Aggressive | 112-9287 | Comb Scraper Kit | | |

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The Greensmaster 1000 is manufactured in Tomah, WI ISO 9002 Certified Plant.





Greensmaster® 1600 Specifications*

| GREENSMaster 1600**, MODEL 04060 | | | | | | | | | | | |
|----------------------------------|--|------------------------------------|---------------|---------------------------------------|-------------|--------|-----------------|--------------|------------------------------------|---------------|---------------------------------------|
| ENGINE | Kawasaki®, 4-cycle, 3.7 hp (2.7 kW), air-cooled OHV engine, 3600 rpm. Displacement: 7.57 cu. in. (124 cc). Cast iron cylinder sleeve. Output shaft speed is 1800 rpm. Solid state electronic ignition with integral lighting coil. Maximum noise suppression muffler. 83 dB(A) at operator's ear. | | | | | | | | | | |
| FUEL CAPACITY | 2.64 quart (2.5 liter) capacity; regular grade unleaded gasoline. | | | | | | | | | | |
| TRACTION DRIVE | Belt powered, split drum with differential. Two "A" section V-belts with manually activated idler pulley provide drive engagement/disengagement. | | | | | | | | | | |
| REEL DRIVE | Positive drive belt powered reel. Manually activated jaw-type clutch provides drive engagement/disengagement. | | | | | | | | | | |
| GROUND SPEED | Mowing speed: 1.3 mph (2.1 km/h) to 3.5 mph (5.6 km/h). Transport speed (maximum): 5.3 mph (8.5 km/h). | | | | | | | | | | |
| DIFFERENTIAL | Peerless Series 100. | | | | | | | | | | |
| CLUTCHES | Traction: inside belt idler. Reel: jaw type. | | | | | | | | | | |
| BRAKE | Servicing brake; band type. | | | | | | | | | | |
| TRACTION DRUM | Dual cast aluminum. 7.5" (19 cm) diameter. | | | | | | | | | | |
| CONTROLS | Engine mounted: recoil starter, choke. Handle mounted: on/off switch, throttle lever, traction engage lever, service/part brake lever. Frame mounted: reel drive engage lever. Safety devices: neutral interlock system, servicing/park brake, enclosed drive system. | | | | | | | | | | |
| TRANSPORT/TIRES/KICKSTAND | Two quick detachable pneumatic tires, 3.00 x 3.25-6. 15 psi (1.03 bar) tire pressure. Kickstand: loop style, 1" (2.5 cm) diameter tube. Kickstand and wheels are standard. | | | | | | | | | | |
| REEL CONSTRUCTION | 5" (12.7 cm) diameter, 8 high carbon steel blades welded to 6 stamped steel spiders. | | | | | | | | | | |
| WIDTH OF CUT | 26" (66 cm) | | | | | | | | | | |
| HEIGHT OF CUT | .125"-1.5" (3.2 -38.1 mm) | | | | | | | | | | |
| CLIP | .23" (5.8 mm) - 8 blade reel; .34" (8.6 mm) with Clip Kit, P/N 65-9000. | | | | | | | | | | |
| BEDKNIFE/BEDBAR | Dual screw "click" adjustment to reel; bedknife is high carbon through-hardened steel, cutting edge hardness of 48-54 Rc. .125" (.31 cm) bedknife, standard. | | | | | | | | | | |
| GRASS BASKET | Molded polyethylene. 2 position. | | | | | | | | | | |
| FRONT ROLLER | Aluminum Wiehle roller standard; 2" (5.1 cm) diameter. | | | | | | | | | | |
| DIMENSIONS | <table border="1"> <thead> <tr> <th>Overall Length</th> <th>Overall Width</th> <th>Overall Height</th> <th>Wheel Tread</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td>54.25" (138 cm)</td> <td>41" (104 cm)</td> <td>41.5" (105 cm) w/o transport tires</td> <td>37.5" (95 cm)</td> <td>230 lbs. (104 kg) w/o transport tires</td> </tr> </tbody> </table> | Overall Length | Overall Width | Overall Height | Wheel Tread | Weight | 54.25" (138 cm) | 41" (104 cm) | 41.5" (105 cm) w/o transport tires | 37.5" (95 cm) | 230 lbs. (104 kg) w/o transport tires |
| Overall Length | Overall Width | Overall Height | Wheel Tread | Weight | | | | | | | |
| 54.25" (138 cm) | 41" (104 cm) | 41.5" (105 cm) w/o transport tires | 37.5" (95 cm) | 230 lbs. (104 kg) w/o transport tires | | | | | | | |
| CERTIFICATION | Certified to meet ANSI specifications, B71.4-2004 and European Community (CE) specifications with required kits. | | | | | | | | | | |
| WARRANTY | Two-year limited warranty. Refer to the Operator's Manual for further details. | | | | | | | | | | |

** 04035 Greensmaster 1600 CARB (California Air Requirements Board)

| GREENSMaster 1600 ACCESSORIES | | | | | |
|-------------------------------|---------------------|-------------|--------------------|----------|-----------------------|
| Part No. | Description | Part No. | Description | Part No. | Description |
| 94-5885 | Tournament Bedknife | 04132 | Grooming Reel Kit | 105-5363 | Operator Presence Kit |
| 95-0930 | Full Roller | 112-9290 | Wiehle Scraper Kit | 04057 | Light Kit |
| 65-9000 | .25" Clip Kit | 107-8181 | Bedknife, Fairway | 04123 | Wheel Kit |
| 104-2646 | Bedknife, High Cut | 112-9278-03 | Bedbar- Aggressive | 105-5350 | Hour Meter Kit |

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The Greensmaster 1600 is manufactured in Tomah, WI ISO 9002 Certified Plant.





Trans Pro 80 & 100

Safely and easily transports one or two walk greensmowers to and from the green.



| | TRANS PRO 80 | TRANS PRO 100 |
|------------------------|---|---|
| LOAD CAPACITY | 400 lbs. (181.6 kg) including weight of trailer. | 800 lbs. (363 kg) including weight of trailer. |
| SUSPENSION | Large low pressure tires (20 x 10-8). | |
| TRANSPORT SPEED | Maximum of 15 mph (24 km/h). | |
| RAMP | Quick latch to secure loading ramp during transport. Rubber mats mats to protect front roller. Flat Ramp Kit and Rail and Ramp Kit optional. | Quick latch to secure loading ramp during transport. Rubber to protect front roller and provide safe surface during loading unloading of Greensmaster. Hole extrusions High Rail Ramp Kit optional. |
| HITCH | Pin type hitch is standard; tongue is 2.5" (6.4 cm) wide and adjustable in length (will accept standard ball hitch). | Pin type hitch is standard; tongue is 2" (5 cm) wide and adjustable in length (will accept standard ball hitch). |
| TOWING | Designed to tow behind a utility vehicle; tongue height 7"-13" (18-33 cm); maximum tongue load 55 lbs. (25 kg). Incorporates a tongue stand and tongue lift handle. | |
| BED | | Hold down bails fold around mower tires to during transport. Drain holes in trailer bed for greensmower on trailer, allowing water and trailer floor. |
| FINISH | Rust/corrosion-resistant paint. | |
| AXLES | Heavy-duty stub. Greaseable. | |
| DIMENSIONS | Height: 19" (48.3 cm) Width: 62" (157.5 cm) Length: 81" (205.7 cm) | Height: 36" (91.4 cm) Width: 60.5" (153.7 cm) Length: 101" (256.5 cm) |
| | Easily adjustable to fit all Toro walk greensmowers. | For 21" mowers with transport tires std. Kits available for conversion to fit 18" Rail kits available for 18 and 21" mowers. Not recommended for Greensmaster 1600. |

*Specifications and design subject to change without notice.





Greensmaster® 3050 & 3100 Specifications*

| | GREENSMaster 3050, MODEL 04351 | | GREENSMaster 3100, MODEL 04356 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--|--------------------|--|-------------|----------------------------------|----------------------|---------------|----------------|---------------------|----------------|----------------|-------------------|---------------|--------------|----------------|--------------|--------------|--|--|--|-------------|-------------|-----------------------|-----------------|-----------------|----------------|----------------|----------------|-------------------|-------------------|--------------------|-------------------------|-------------------|-------------------|
| ENGINE | 18 hp (13.4 kW) Briggs & Stratton® gasoline engine, governed to 2850 rpm high idle, 1650 rpm low idle. Air cooled, 34.8 cu. in. (570 cc). | | 18 hp (13.4 kW) Briggs & Stratton® gasoline engine, governed to 2850 rpm high idle, 1650 rpm low idle. Air cooled, 34.8 cu. in. (570 cc). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FUEL CAPACITY | 7.0 gallons (26.5 liters); unleaded gasoline. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRACTION DRIVE | Hydraulic gear pump. Foot pedal forward and reverse; infinitely variable. Front wheel orbit motors. All hydraulic drive, consisting of multiple stack pump, valve, and two motors. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUND SPEED | Forward – 1st, mow: 3.8 mph (6.1 km/h); 2nd, transport: 8.1 mph (13 km/h). Reverse – 1.9 mph (3 km/h). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TURF COMPACTION | 8-10 psi (dependent on tire pressure) with operator and cutting units down. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IMPLEMENT DRIVE | Hydraulic drive, individual pump and valve sections operating 3 reel motors. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HYD. OIL CAPACITY | 4.5 gallon (17 liter) oil reservoir. | | 4.5 gallon (17 liter) oil reservoir. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HYD. OIL FILTER | 10 micron, large capacity, long life replaceable cartridge, full flow. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LEAK DETECTOR | Not Available. | | Optional Manufactured by B.H. Sales. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TIRES/WHEELS/PRESSURE | Three tires: 18 x 9.50-8, 2-ply pneumatic, tubeless, demountable and interchangeable with smooth tread. Tire pressure: 8-12 psi (55-83 kPa). Optional Traction Tire (2-ply): P/N 231-127. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAIN FRAME | Tricycle vehicle; two front wheels, rear wheel steering. Welded, steel tube frame construction. Two cutting units up front with center cutting unit beneath the operator. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRAKES | Two 6" (15.2 cm) drum type mechanical brakes with rack and pawl lock for parking. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STEERING | Rectangular steering wheel. Adjustable steering arm. | | Power steering. 13" (33 cm) round steering wheel. No-tool quick adjust steering arm and adjustable tilt. Double rod steer cylinder for accurate straight line steering/mowing. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONTROLS/GAUGES/DIAGNOSTICS | Hand operated choke, throttle and gear selection. Foot operated traction drive, brakes, and mow/lift pedal for starting or stopping of implements. Hour meter and volt meter. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ELECTRICAL FEATURES | 12-volt battery; 32 amp hour. 16 amp alternator, 300 cold cranking amps, circuit fused at 10 amps. Ignition switch/key. Seat switch, mow and traction drive & parking brake, interlock switches. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAT | Contour seat with high backrest. 7" (18 cm) fore/aft adjustment with 2 mounting positions. Optional armrests: model 30707. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OPER. SOUND LEVEL | 81 dB(A) at operator's ear under normal operation. | | 82 dB(A) at operator's ear under normal operation. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BYSTANDER SOUND LEVEL | <table border="1"> <thead> <tr> <th>SAE Bystander Sound Pressure at:</th> <th>25 ft. (8m)</th> <th>50 ft. (15 m)</th> <th>100 ft. (30 m)</th> </tr> </thead> <tbody> <tr> <td>Mowing:</td> <td>74 dB(A)</td> <td>68 dB(A)</td> <td>62 dB(A)</td> </tr> <tr> <td>In Transport:</td> <td>72 dB(A)</td> <td>66 dB(A)</td> <td>60 dB(A)</td> </tr> </tbody> </table> | | | | SAE Bystander Sound Pressure at: | 25 ft. (8m) | 50 ft. (15 m) | 100 ft. (30 m) | Mowing: | 74 dB(A) | 68 dB(A) | 62 dB(A) | In Transport: | 72 dB(A) | 66 dB(A) | 60 dB(A) | | | | | | | | | | | | | | | | | | |
| SAE Bystander Sound Pressure at: | 25 ft. (8m) | 50 ft. (15 m) | 100 ft. (30 m) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mowing: | 74 dB(A) | 68 dB(A) | 62 dB(A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| In Transport: | 72 dB(A) | 66 dB(A) | 60 dB(A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CERTIFICATION | Certified to meet ANSI specification B71.4-2004 and European CE standards. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WARRANTY | Two-year limited warranty. Refer to the Operator's Manual for further details. Briggs & Stratton provides a two-year commercial engine, and a lifetime Magnetron® ignition warranty. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OVERALL DIMENSIONS AND WEIGHTS | <table border="1"> <thead> <tr> <th></th> <th>Model 04351</th> <th>Model 04356</th> </tr> </thead> <tbody> <tr> <td>Width of Cut:</td> <td>59" (150 cm)</td> <td>59" (150 cm)</td> </tr> <tr> <td>Wheel Tread:</td> <td>49.5" (126 cm)</td> <td>49.5" (126 cm)</td> </tr> <tr> <td>Wheelbase:</td> <td>46" (117 cm)</td> <td>47" (119 cm)</td> </tr> <tr> <td>Length:</td> <td>90" (229 cm)</td> <td>90" (229 cm)</td> </tr> </tbody> </table> | | | Model 04351 | Model 04356 | Width of Cut: | 59" (150 cm) | 59" (150 cm) | Wheel Tread: | 49.5" (126 cm) | 49.5" (126 cm) | Wheelbase: | 46" (117 cm) | 47" (119 cm) | Length: | 90" (229 cm) | 90" (229 cm) | <table border="1"> <thead> <tr> <th></th> <th>Model 04351</th> <th>Model 04356</th> </tr> </thead> <tbody> <tr> <td>Width w/reels:</td> <td>69.75" (177 cm)</td> <td>69.75" (177 cm)</td> </tr> <tr> <td>Height:</td> <td>48.5" (123 cm)</td> <td>48.5" (123 cm)</td> </tr> <tr> <td>Wet Weight</td> <td>970 lbs. (440 kg)</td> <td>1000 lbs. (454 kg)</td> </tr> <tr> <td>(without reels):</td> <td>940 lbs. (426 kg)</td> <td>970 lbs. (440 kg)</td> </tr> </tbody> </table> | | | Model 04351 | Model 04356 | Width w/reels: | 69.75" (177 cm) | 69.75" (177 cm) | Height: | 48.5" (123 cm) | 48.5" (123 cm) | Wet Weight | 970 lbs. (440 kg) | 1000 lbs. (454 kg) | (without reels): | 940 lbs. (426 kg) | 970 lbs. (440 kg) |
| | Model 04351 | Model 04356 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Width of Cut: | 59" (150 cm) | 59" (150 cm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wheel Tread: | 49.5" (126 cm) | 49.5" (126 cm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wheelbase: | 46" (117 cm) | 47" (119 cm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Length: | 90" (229 cm) | 90" (229 cm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Model 04351 | Model 04356 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Width w/reels: | 69.75" (177 cm) | 69.75" (177 cm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Height: | 48.5" (123 cm) | 48.5" (123 cm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Weight | 970 lbs. (440 kg) | 1000 lbs. (454 kg) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (without reels): | 940 lbs. (426 kg) | 970 lbs. (440 kg) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

*Specifications and design subject to change without notice.





Greensmaster® 3050 & 3100 Specifications* (continued)

| | 8-BLADE DPA CUTTING UNITS, 04610 11-BLADE DPA CUTTING UNITS, 04611 |
|----------------------------------|---|
| TRACTOR | These cutting units will mount on any Toro riding Greensmaster. |
| HEIGHT OF CUT (HOC) RANGE | 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. |
| REEL WELDMENT | 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. |
| REEL BEARINGS | 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. |
| MAINTENANCE | No grease zerks, sealed bearing design eliminates daily maintenance. |
| REEL DRIVE | 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. |
| FRAME | Precision machined, die-cast aluminum cross member with two bolt-on die-cast aluminum side plates. |
| AGGRESSIVENESS | Aggressiveness stays constant throughout the life of the reel. Patented design. |
| BEDKNIFE | 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. |
| BEDKNIFE ADJUSTMENT | Dual screw, indexed "click" adjustment to the reel; detents corresponding positively to .0007" (.018 mm) bedknife movement for each position. |
| FRONT & REAR ROLLERS | 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. |
| GRASS SHIELD | Non-adjustable shield with adjustable cut-off bar to improve grass discharge from reel in wet conditions. |
| TOTAL WEIGHT | 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) | Part No. | Description | Height of Cut Range (REC) |
| SERVICE BEDKNIVES | 93-4262 | Micro-Cut Bedknife | .062-.188" (1.6-4.8 mm) | 93-4264 | Lo-Cut Bedknife (1/8) | .188-1.00" (4.8-25.4 mm) |
| | 108-4303 | Extended Micro-Cut Bedknife | .062-.188" (1.6-4.8 mm) | 94-6392 | Hi-Cut Bedknife | .312-1.00" (7.9-25.4 mm) |
| | 94-4263 | Tournament Bedknife | .125-.375" (3.2-9.5 mm) | 63-8600 | Fairway Bedknife | .375-1.00" (9.5-25.4 mm) |
| | 108-4302 | Extended Tournament Bedknife | .125-.375" (3.2-9.5 mm) | | | |
| FULL ROLLER | Model 04625. Set of three (3) 2.5" +/- .03" (6.35 cm) diameter, with sealed bearings and through-shaft (steel tube). | | | | | |
| NARROW-SPACED WIEHLE | Model 04626. Set of three (3) 2.5" +/- .03" (6.35 cm) diameter, .20" +/- .03" spacing with sealed bearings and through-shaft (aluminum). | | | | | |
| WIDE-SPACED WIEHLE | Model 04627. Set of three (3) 2.5" +/- .03" (6.35 cm) diameter, .93" +/- .03" spacing with sealed bearings and through-shaft (aluminum). | | | | | |
| SOLID STEEL ROLLERS | Model 04628. Set of one (includes machined solid steel Front Narrow Wiehle Roller & solid steel Full Rear Roller). | | | | | |
| DAMPENING ROLLER KIT | Model 04629. Set of one (equips one DPA cutting unit) | | | | | |
| GROOMER | 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 04632. Kit contains three for GR3050/3100/3150. Model 04633. Kit contains three for GR3250-D. | | | | | |
| POWERED REAR ROLLER BRUSH | Model 04640. Includes three brush assemblies. Fits GR3050/3100/3150. Model 04641. Includes three brush assemblies. Fits GR3250-D. | | | | | |
| ROLLER SCRAPER KITS | P/N 108-6468. One front roller scraper (narrow-spaced Wiehle). P/N 110-3961. One front roller scraper (wide-spaced Wiehle). P/N 110-3962. One front roller scraper (full roller). P/N 110-3963. One front roller scraper w/brush (narrow-spaced Wiehle). P/N 110-3964. One front roller scraper w/brush (wide-spaced Wiehle). P/N 110-3965. One front roller scraper w/brush (full roller). P/N 110-3966. One front roller scraper w/poly comb (narrow-spaced Wiehle). P/N 110-3967. One front roller scraper w/poly comb (wide-spaced Wiehle). P/N 110-3968. One front roller scraper w/poly comb (full roller). P/N 112-9353. One rear roller scraper. | | | | | |
| HIGH HEIGHT OF CUT KIT | P/N 106-4699. For one cutting unit. | | | | | |
| 5 BLADE HEAVY DUTY REEL | P/N 106-2626. One reel weld assembly. | | | | | |
| 8 BLADE HEAVY DUTY REEL | P/N 107-9522. One reel weld assembly. | | | | | |
| GROOMER BRUSH ASSY. | P/N 112-9460. One brush. | | | | | |

*Specifications and design subject to change without notice.

The Greensmaster 3050 & 3100 are manufactured in Tomah, WI ISO 9002 Certified Plant.





Greensmaster® 3150 Specifications*

| GREENSMASTER 3150, MODEL 04357 | |
|--------------------------------|---|
| ENGINE | 18 hp (13.4 kW) Briggs & Stratton® gasoline engine, governed to 2850 rpm high idle, 1650 rpm low idle. Air cooled, 34.8 cu. in. (570 cc). |
| FUEL CAPACITY | 7 gallon (26.5 liter) capacity; unleaded gasoline. |
| TRACTION DRIVE | 2 or 3WD w/ROPS, hydrostatic piston pump closed loop system. Foot pedal forward and reverse; infinitely variable. |
| GROUND SPEED | Forward — 1st, mow: 3.8 mph (6.1 km/h); 2nd, transport: 8.1 mph (13 km/h). Reverse — 1.9 mph (3 km/h). |
| TURF COMPACTION | 8-10 psi (dependent on tire pressure) with operator and cutting units down. |
| IMPLEMENT DRIVE | Single gear pump, mono valve block, series reel drive to 3 reel motors. |
| STEERING | Power steering. Adjustable steering wheel tilt and a 5-position steering arm tilt. |
| ELECTRICAL FEATURES | 12-volt lead acid, group size U1, with 300 minimum cold cranking amps at 0° F and 34 minutes reserve capacity at 85° F/25 amps draw. 16 amp alternator. Ignition switch/key. Seat switch. Harness terminals and fuse slot available for optional lights installation. |
| CONTROLS/GAUGES | Raise/lower-mow lever (joystick). Functional control lever (neutral, mow, transport). Foot operated traction drive and brakes. Hour meter. Hand operated throttle and choke. Mechanical engine speed control. |
| TIRES/WHEELS/PRESSURE | Three tires: 18 x 9.50-8, 2-ply pneumatic, tubeless, demountable and interchangeable with smooth tread. Tire pressure: 8-12 psi (55-83 kPa). Optional Traction Tire (2-ply): P/N 231-127. |
| BRAKES | Two 6" (15.2 cm) drum type. |
| HYDRAULIC OIL | 7.5 gallon (28.4 liter) tank with internal baffle. 1.0 gallon (3.8 liter) auxiliary tank. |
| LEAK DETECTION | Equipped with Turf Guardian™ leak detection system. |
| SOUND LEVEL | 81 dB(A) at operator's ear under normal conditions. |
| OVERALL DIMENSIONS | Wheel Tread: 49.5" (149.9 cm), Wheel Base: 47" (119 cm), Length: 90" (229 cm), Width: 69.75" (177 cm) w/reels, Height: 48.5" (123 cm), Weight (no reels): 970 lbs. (440 kg), Weight w/reels (no fuel, no operator): 1,256 lbs. (570 kg). |
| WIDTH OF CUT | 59" (150 cm) |
| REEL SPEED | Approximately 1975 RPM at 2850 engine RPM. |
| BACKLAPPING | Standard equipment. |
| CUTTING UNIT SUSPENSION | Cutting units are completely free-floating, each attaching to the tractor by direct pull links and lifted by a centered lift arm. Baskets are supported by carrier frames that are ground following. Cutting unit floatation is unaffected by basket content. Grass baskets are all interchangeable and accessible from the front of the machine. |
| OPTIONAL ACCESSORIES | 3WD kit w/ROPS, traction tire, thatching reels, spiker, tri-roller. |
| WARRANTY | Two-year limited warranty. Refer to the Operator's Manual for further details. Briggs & Stratton provides a two-year commercial engine, and a lifetime Magnetron® ignition warranty. |

| 8 BLADE DPA CUTTING UNITS, 04610 11 BLADE DPA CUTTING UNITS, 04611 | |
|---|---|
| TRACTOR | These cutting units will mount on any Toro riding Greensmaster. |
| HEIGHT OF CUT (HOC) RANGE | 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. |
| REEL WELDMENT | 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. |
| REEL BEARINGS | 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. |
| MAINTENANCE | No grease zerks, sealed bearing design eliminates daily maintenance. |
| REEL DRIVE | 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. |
| FRAME | Precision machined, die-cast aluminum cross member with two bolt-on die-cast aluminum side plates. |
| AGGRESSIVENESS | Aggressiveness stays constant throughout the life of the reel. Patented design. |
| BEDKNIFE | 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. |
| BEDKNIFE ADJUSTMENT | Dual screw, indexed "click" adjustment to the reel; detents corresponding positively to .0007" (.018 mm) bedknife movement for each position. |
| FRONT & REAR ROLLERS | 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. |
| GRASS SHIELD | Non-adjustable shield with adjustable cut-off bar to improve grass discharge from reel in wet conditions. |
| TOTAL WEIGHT | 8-blade: 72 lbs. (32.7 kg) with aluminum Wiehle Roller. 11-blade: 75 lbs. (34.1 kg) with aluminum Wiehle Roller. |

*Specifications and design subject to change without notice.





Greensmaster® 3150 Specifications* (continued)

| | | DPA CUTTING UNIT OPTIONS | | | | | |
|----------------------------------|--|---|------------------------------|---------------------------|----------|-----------------------|---------------------------|
| | | Part No. | Description | Height of Cut Range (REC) | Part No. | Description | Height of Cut Range (REC) |
| SERVICE BEDKNIVES | | 93-4262 | Micro-Cut Bedknife | .062-.188" (1.6-4.8 mm) | 93-4264 | Lo-Cut Bedknife (1/8) | .188-1.00" (4.8-25.4 mm) |
| | | 108-4303 | Extended Micro-Cut Bedknife | .062-.188" (1.6-4.8 mm) | 94-6392 | Hi-Cut Bedknife | .312-1.00" (7.9-25.4 mm) |
| | | 94-4263 | Tournament Bedknife | .125-.375" (3.2-9.5 mm) | 63-8600 | Fairway Bedknife | .375-1.00" (9.5-25.4 mm) |
| | | 108-4302 | Extended Tournament Bedknife | .125-.375" (3.2-9.5 mm) | | | |
| | | | | | | | |
| FULL ROLLER | | Model 04625. Set of three (3) 2.5" +/- .03" (6.35 cm) diameter, with sealed bearings and through-shaft (steel tube). | | | | | |
| NARROW-SPACED WIEHLE | | Model 04626. Set of three (3) 2.5" +/- .03" (6.35 cm) diameter, .20" +/- .03" spacing with sealed bearings and through-shaft (aluminum). | | | | | |
| WIDE-SPACED WIEHLE | | Model 04627. Set of three (3) 2.5" +/- .03" (6.35 cm) diameter, .93" +/- .03" spacing with sealed bearings and through-shaft (aluminum). | | | | | |
| SOLID STEEL ROLLERS | | Model 04628. Set of one (includes machined solid steel Front Narrow Wiehle Roller & solid steel Full Rear Roller). | | | | | |
| DAMPENING ROLLER KIT | | Model 04629. Set of one (equips one DPA cutting unit) | | | | | |
| GROOMER | | 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 04632. Kit contains three for GR3050/3100/3150. Model 04633. Kit contains three for GR3250-D. | | | | | |
| POWERED REAR ROLLER BRUSH | | Model 04640. Includes three brush assemblies. Fits GR3050/3100/3150. Model 04641. Includes three brush assemblies. Fits GR3250-D. | | | | | |
| ROLLER SCRAPER KITS | | P/N 108-6468. One front roller scraper (narrow-spaced Wiehle). P/N 110-3961. One front roller scraper (wide-spaced Wiehle). P/N 110-3962. One front roller scraper (full roller). P/N 110-3963. One front roller scraper w/brush (narrow-spaced Wiehle). P/N 110-3964. One front roller scraper w/brush (wide-spaced Wiehle). P/N 110-3965. One front roller scraper w/brush (full roller). P/N 110-3966. One front roller scraper w/poly comb (narrow-spaced Wiehle). P/N 110-3967. One front roller scraper w/poly comb (wide-spaced Wiehle). P/N 110-3968. One front roller scraper w/poly comb (full roller). P/N 112-9353. One rear roller scraper. | | | | | |
| HIGH HEIGHT OF CUT KIT | | P/N 106-4699. For one cutting unit. | | | | | |
| 5 BLADE HEAVY DUTY REEL | | P/N 106-2626. One reel weld assembly. | | | | | |
| 8 BLADE HEAVY DUTY REEL | | P/N 107-9522. One reel weld assembly. | | | | | |
| GROOMER BRUSH ASSY. | | P/N 112-9460. One brush. | | | | | |

*Specifications and design subject to change without notice.

The Greensmaster 3150 is manufactured in Tomah, WI ISO 9002 Certified Plant.





Greensmaster® 3250-D Specifications*

| GREENSMaster 3250-D, MODEL 04383 | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|--|--|---------------------|-----------------|----------------|--------------|----------------|------------------------------------|---------------------|-------------|----------------|--|---------------------|-----------------------------|----------------|-------------|------------------|----------------|----------------|--|--|
| ENGINE | Briggs and Stratton®/Daihatsu® 850D tier A 3-cylinder liquid-cooled diesel engine. 51.9 cu. in. (850 cc). Full pressure lubrication, oil filter. 21.0 hp (15.7 kW) at 3600 rpm, 14.5 +/- .5 hp (12.3 kW) at 2600 rpm. Engine governed to 2750 rpm high idle, 1500 rpm low idle (no load). | | | | | | | | | | | | | | | | | | | | |
| FUEL CAPACITY | 6 gallons (22.7 liters). 2008 models Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petrol blend). | | | | | | | | | | | | | | | | | | | | |
| TRACTION DRIVE | Hydrostatic piston pump, closed loop system. Foot pedal forward and reverse; infinitely variable. Two front wheel orbit motors, 10.3 cu. in/rev displacement. 2 or 3 WD with ROPS. | | | | | | | | | | | | | | | | | | | | |
| GROUND SPEED | Forward-mowing speed is variable from 2-5 mph (3.2-8 km/h), adjusted by stop on pedal mechanism. Mow speed setting does not affect transport speed. Maximum Greensmaster 3250-D transport speed is 8.8 mph (14.4 km/h), may be reduced by adjusting stop in footrest pan without affecting mow speeds. Reverse is 2.5 mph (4.0 km/h) maximum. | | | | | | | | | | | | | | | | | | | | |
| TURF COMPACTION | 10 psi (.68 bar) average at recommended minimum tire pressures, with a 200 lb. operator, and cutting units down. | | | | | | | | | | | | | | | | | | | | |
| STEERING | Power steering. Open center, non-load reacting steering valve with power beyond for raise/lower circuit and hydrostat charge circuit. 13.0" (33 cm) round steering wheel. No-tool quick adjust steering arm position, with arm motion allowing a wide range of operator sizes. Steering cylinder has 1.50" bore x 6.25" stroke with through shaft design for accurate straight line steering. | | | | | | | | | | | | | | | | | | | | |
| CONTROLS/GAUGES | Raise/lower-mow lever. Functional control lever (neutral, mow, transport). Foot operated traction drive and brakes. Hour meter and 4 bulb warning cluster. Hand operated choke, throttle. Mechanical engine speed control. Water in fuel warning light. | | | | | | | | | | | | | | | | | | | | |
| ELECTRICAL FEATURES | Maintenance-free 12-volt battery with 530 minimum cold cranking amps at 0° F (-17.7° C) and 85 minutes minimum reserve capacity at 85° F (29.4° C) 40 amp alternator, circuit fused at 40 amps. Ignition switch/key. Seat switch. High temperature engine kill override switch. Harness terminals, fuse slot, and console switch location available for optional lights installation. | | | | | | | | | | | | | | | | | | | | |
| SOUND LEVEL | <table border="1"> <thead> <tr> <th>GR3250-D</th> <th>Operator Ear</th> <th>At 25'</th> <th>At 75'</th> </tr> </thead> <tbody> <tr> <td>Reels Off</td> <td>83 dBA</td> <td>73 dBA</td> <td>62 dBA</td> </tr> <tr> <td>Reels On</td> <td>84 dBA</td> <td></td> <td></td> </tr> </tbody> </table> | GR3250-D | Operator Ear | At 25' | At 75' | Reels Off | 83 dBA | 73 dBA | 62 dBA | Reels On | 84 dBA | | | | | | | | | | |
| GR3250-D | Operator Ear | At 25' | At 75' | | | | | | | | | | | | | | | | | | |
| Reels Off | 83 dBA | 73 dBA | 62 dBA | | | | | | | | | | | | | | | | | | |
| Reels On | 84 dBA | | | | | | | | | | | | | | | | | | | | |
| OVERALL DIMENSIONS | <table border="1"> <tbody> <tr> <td>Width of Cut:</td> <td>59.0" (150 cm)</td> <td>Overall Height:</td> <td>50.5" (128 cm)</td> </tr> <tr> <td>Wheel Tread:</td> <td>50.5" (128 cm)</td> <td>Net Weight (no fuel, no operator):</td> <td>1,108 lbs. (503 kg)</td> </tr> <tr> <td>Wheel Base:</td> <td>48.6" (123 cm)</td> <td>Weight w/reels (no fuel, no operator):</td> <td>1,338 lbs. (608 kg)</td> </tr> <tr> <td>Overall Length (w/baskets):</td> <td>93.9" (238 cm)</td> <td>Reel Speed:</td> <td>1950 rpm minimum</td> </tr> <tr> <td>Overall Width:</td> <td>68.0" (173 cm)</td> <td></td> <td></td> </tr> </tbody> </table> | Width of Cut: | 59.0" (150 cm) | Overall Height: | 50.5" (128 cm) | Wheel Tread: | 50.5" (128 cm) | Net Weight (no fuel, no operator): | 1,108 lbs. (503 kg) | Wheel Base: | 48.6" (123 cm) | Weight w/reels (no fuel, no operator): | 1,338 lbs. (608 kg) | Overall Length (w/baskets): | 93.9" (238 cm) | Reel Speed: | 1950 rpm minimum | Overall Width: | 68.0" (173 cm) | | |
| Width of Cut: | 59.0" (150 cm) | Overall Height: | 50.5" (128 cm) | | | | | | | | | | | | | | | | | | |
| Wheel Tread: | 50.5" (128 cm) | Net Weight (no fuel, no operator): | 1,108 lbs. (503 kg) | | | | | | | | | | | | | | | | | | |
| Wheel Base: | 48.6" (123 cm) | Weight w/reels (no fuel, no operator): | 1,338 lbs. (608 kg) | | | | | | | | | | | | | | | | | | |
| Overall Length (w/baskets): | 93.9" (238 cm) | Reel Speed: | 1950 rpm minimum | | | | | | | | | | | | | | | | | | |
| Overall Width: | 68.0" (173 cm) | | | | | | | | | | | | | | | | | | | | |
| TIRES | Three 19 x 10.5-8, 2 ply pneumatic tubeless demountable and interchangeable. Smooth tread (approx. 1290 rev/mile). 8-12 psi front; 8-15 psi rear. | | | | | | | | | | | | | | | | | | | | |
| LEAK DETECTION | Turf Guardian™ optional. | | | | | | | | | | | | | | | | | | | | |
| BACKLAPPING | Standard equipment. | | | | | | | | | | | | | | | | | | | | |
| BRAKES | 6" (15.2 cm) drum type mechanical with rack and pawl lock for parking. | | | | | | | | | | | | | | | | | | | | |
| SEAT | Contour seat with high backrest. 7" (17.8 cm) fore/aft slider adjustment with two mounting positions, allowing 9" (22.8 cm) total seat travel. Operator manual tube mounted on the seat back for easy access. | | | | | | | | | | | | | | | | | | | | |
| CERTIFICATION | Certified to meet ANSI specification B71.4-2004 and European CE standards. | | | | | | | | | | | | | | | | | | | | |
| WARRANTY | Two-year limited warranty. Refer to the Operator's Manual for further details. Briggs & Stratton provides a two-year commercial engine, and a lifetime Magnetron® ignition warranty. | | | | | | | | | | | | | | | | | | | | |

*Specifications and design subject to change without notice.





Greensmaster® 3250-D Specifications* (continued)

| | 8 BLADE DPA CUTTING UNITS, 04610 11 BLADE DPA CUTTING UNITS, 04611 |
|----------------------------------|---|
| TRACTOR | These cutting units will mount on any Toro riding Greensmaster. |
| HEIGHT OF CUT (HOC) RANGE | 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. |
| REEL WELDMENT | 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. |
| REEL BEARINGS | 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. |
| MAINTENANCE | No grease zerks, sealed bearing design eliminates daily maintenance. |
| REEL DRIVE | 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. |
| FRAME | Precision machined, die-cast aluminum cross member with two bolt-on die-cast aluminum side plates. |
| AGGRESSIVENESS | Aggressiveness stays constant throughout the life of the reel. Patented design. |
| BEDKNIFE | 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. |
| BEDKNIFE ADJUSTMENT | Dual screw, indexed "click" adjustment to the reel; detents corresponding positively to .0007" (.018 mm) bedknife movement for each position. |
| FRONT & REAR ROLLERS | 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. |
| GRASS SHIELD | Non-adjustable shield with adjustable cut-off bar to improve grass discharge from reel in wet conditions. |
| TOTAL WEIGHT | 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) | Part No. | Description | Height of Cut Range (REC) |
| SERVICE BEDKNIVES | 93-4262 | Micro-Cut Bedknife | .062-.188" (1.6-4.8 mm) | 93-4264 | Lo-Cut Bedknife (1/8) | .188-1.00" (4.8-25.4 mm) |
| | 108-4303 | Extended Micro-Cut Bedknife | .062-.188" (1.6-4.8 mm) | 94-6392 | Hi-Cut Bedknife | .312-1.00" (7.9-25.4 mm) |
| | 94-4263 | Tournament Bedknife | .125-.375" (3.2-9.5 mm) | 63-8600 | Fairway Bedknife | .375-1.00" (9.5-25.4 mm) |
| | 108-4302 | Extended Tournament Bedknife | .125-.375" (3.2-9.5 mm) | | | |
| FULL ROLLER | Model 04625. Set of three (3) 2.5" +/- .03" (6.35 cm) diameter, with sealed bearings and through-shaft (steel tube). | | | | | |
| NARROW-SPACED WIEHLE | Model 04626. Set of three (3) 2.5" +/- .03" (6.35 cm) diameter, .20" +/- .03" spacing with sealed bearings and through-shaft (aluminum). | | | | | |
| WIDE-SPACED WIEHLE | Model 04627. Set of three (3) 2.5" +/- .03" (6.35 cm) diameter, .93" +/- .03" spacing with sealed bearings and through-shaft (aluminum). | | | | | |
| SOLID STEEL ROLLERS | Model 04628. Set of one (includes machined solid steel Front Narrow Wiehle Roller & solid steel Full Rear Roller). | | | | | |
| DAMPENING ROLLER KIT | Model 04629. Set of one (equips one DPA cutting unit) | | | | | |
| GROOMER | 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 04632. Kit contains three for GR3050/3100/3150. Model 04633. Kit contains three for GR3250-D. | | | | | |
| POWERED REAR ROLLER BRUSH | Model 04640. Includes three brush assemblies. Fits GR3050/3100/3150. Model 04641. Includes three brush assemblies. Fits GR3250-D. | | | | | |
| ROLLER SCRAPER KITS | P/N 108-6468. One front roller scraper (narrow-spaced Wiehle). P/N 110-3961. One front roller scraper (wide-spaced Wiehle). P/N 110-3962. One front roller scraper (full roller). P/N 110-3963. One front roller scraper w/brush (narrow-spaced Wiehle). P/N 110-3964. One front roller scraper w/brush (wide-spaced Wiehle). P/N 110-3965. One front roller scraper w/brush (full roller). P/N 110-3966. One front roller scraper w/poly comb (narrow-spaced Wiehle). P/N 110-3967. One front roller scraper w/poly comb (wide-spaced Wiehle). P/N 110-3968. One front roller scraper w/poly comb (full roller). P/N 112-9353. One rear roller scraper. | | | | | |
| HIGH HEIGHT OF CUT KIT | P/N 106-4699. For one cutting unit. | | | | | |
| 5 BLADE HEAVY DUTY REEL | P/N 106-2626. One reel weld assembly. | | | | | |
| 8 BLADE HEAVY DUTY REEL | P/N 107-9522. One reel weld assembly. | | | | | |
| GROOMER BRUSH ASSY. | P/N 112-9460. One brush. | | | | | |

*Specifications and design subject to change without notice.

The Greensmaster 3250-D is manufactured in Tomah, WI ISO 9002 Certified Plant.

