



Groundsmaster® 3500-D Specifications

| GROUNDMASTER 3500-D | | | | | | | | | |
|------------------------------------|--|--|----------------|-------|-----------|-----------------------|---------------|--|----------------|
| ENGINE | Kubota® 35 hp (26.1 kW) turbo-charged, liquid-cooled, 3-cylinder, diesel engine. Available power: 32 hp (23.9 kW) at 2800 rpm. 67.1 cu. in. (1.1 liter) displacement governed to a maximum speed of 3050 rpm. Oil capacity 4 quart (3.8 liter) with standard oil filter. Rear-mounted, cross flow 4-row radiator. | | | | | | | | |
| FUEL CAPACITY | 11 gallons (42 liters). 2008 models Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petrol blend). | | | | | | | | |
| CONFIGURATION | Rear mounted engine, front operator position. Two post ROPS, seat belt and slope indicator standard. Sidewinder™ cutting unit system. | | | | | | | | |
| TRACTION DRIVE | 3-wheel drive in mow and transport. Series/Parallel™ hydrostatic, closed-loop transmission provides infinitely variable ground speed in forward and reverse. Variable displacement piston type pump. | | | | | | | | |
| GROUND SPEED/CLEARANCE | Mow: 0-6 mph (0-10 km/h), mow speed is factory preset at 6 mph but is adjustable; Transport: 0-9 mph (0-14km/h); Reverse: 0-4 mph (0-6 km/h). Ground Clearance: 6" (15.3 cm). | | | | | | | | |
| CONTROLS | Forward and reverse traction control pedals; mow/transport foot lever; hand activated parking break; hand operated ignition key switch; tilt steering wheel lock; PTO switch; throttle; joystick control for deck raise and lower as well as moving decks side-to-side; cutting deck transport lock. | | | | | | | | |
| GAUGES & DIAGNOSTICS | Fuel gauge, engine coolant temperature gauge, and hour meter. Light cluster with glow plug and charge indicator lights, amp, low engine oil pressure and high coolant temperature warning lights (high temperature safety shut off). | | | | | | | | |
| ELECTRICAL & INTERLOCKS | Traction pedal, operator presence in seat, PTO engage or disengage, and cutting deck mow or transport safety interlock switches. Parking break set prohibits movement through traction pedal. 40 amp alternator and 12-volt, 585 CCA battery. | | | | | | | | |
| HYDRAULICS | Open center, manual valves, gear pump hydraulic system. System capacity approximately 3.5 gallon (13.2 liter) reservoir. | | | | | | | | |
| STEERING | Hydraulic power steering, tilt wheel. | | | | | | | | |
| TIRES/WHEELS | 20 x 12-10, 4-ply rating, Turf Trac front tires. 20 x 10-10, 4-ply rating, Turf Trac rear tires. | | | | | | | | |
| BRAKES | Dynamic through hydrostatic transmission service brake. Hand actuated over center, drum type parking brake. | | | | | | | | |
| SEAT | Installed as standard equipment. | | | | | | | | |
| LIGHT KIT | Optional Work Light Kit model 3084. | | | | | | | | |
| OVERALL DIMENSIONS | <table border="1"> <thead> <tr> <th>Height</th> <th>Length</th> <th>Width</th> <th>Wheelbase</th> </tr> </thead> <tbody> <tr> <td>70.8" (180 cm) w/ROPS</td> <td>116" (295 cm)</td> <td>71.8" (182 cm) with 68" (173 cm) WOC 75.8" (193 cm) with 72" (183 cm) WOC</td> <td>59.5" (151 cm)</td> </tr> </tbody> </table> | Height | Length | Width | Wheelbase | 70.8" (180 cm) w/ROPS | 116" (295 cm) | 71.8" (182 cm) with 68" (173 cm) WOC 75.8" (193 cm) with 72" (183 cm) WOC | 59.5" (151 cm) |
| Height | Length | Width | Wheelbase | | | | | | |
| 70.8" (180 cm) w/ROPS | 116" (295 cm) | 71.8" (182 cm) with 68" (173 cm) WOC 75.8" (193 cm) with 72" (183 cm) WOC | 59.5" (151 cm) | | | | | | |
| WEIGHT | 2,200 lbs. (1,100 kg) with cutting units. | | | | | | | | |
| WARRANTY | Two-year limited warranty. Refer to operator's manual for further details. | | | | | | | | |
| CERTIFICATION | Complies with ANSI B71.4-2004 and European Community (CE) with required rear ballast. | | | | | | | | |
| CUTTING DECKS | | | | | | | | | |
| TYPE | 3 Contour™ Plus 27" (69 cm) rear-discharge rotary with rear roller on each deck. Sidewinder system allows all three decks to slide right and left 12" (30 cm) of center, 24" (61 cm) total travel. Mulching kit optional. | | | | | | | | |
| WIDTH OF CUT | 68" (173 cm), standard and 72" (183 cm) optional. Deck overhang for trimming is 12" (30.5 cm) at 68" (173 cm) width of cut and 14" (35 cm) at 72" (183 cm). Overlap: 6.5" (16.5 cm) at standard width of cut. | | | | | | | | |
| HEIGHT OF CUT | .75"-4" (1.9-10.2 cm) in .25" (.6 cm) increments. | | | | | | | | |
| MOWING RATE | Mows up to 4.1 acres/h (1.7 hectares/h) at 6 mph (10 km/h) (assumes no overlap or stops). | | | | | | | | |
| CONSTRUCTION | 10-gauge steel constructed chambers with 12-gauge welded reinforcements. 1.5" (3.8 cm) square x .25" (.6 cm) wall tube with 7-gauge side supports. Spindle support 3/16" (.48 cm) high-strength steel and 10-gauge exterior channels. | | | | | | | | |
| SPINDLE ASSEMBLY | Ductile cast iron spindle housing. Dual greaseable tapered roller bearings. 1.25" (3.2 cm) diameter solid cold finished steel spindle shaft. Splined connection between spindle shaft and pulley. Welded blade retainer plus anti-scalp cups. | | | | | | | | |
| ANTI-SCALP FEATURES | 6" (15 cm) anti-scalp cups on each blade. | | | | | | | | |
| MULCHING KIT | Leaf mulching kit available. | | | | | | | | |
| SUNSHADE | | | | | | | | | |
| BIMINI SUNSHADE | Model 30358 | | | | | | | | |

*Specifications and design subject to change without notice.

The Groundsmaster 3500-D is manufactured in Tomah, WI ISO 9002 Certified Plant.





Groundsmaster® 3505-D Specifications

| GROUNDMASTER 3505-D | | | | | | | | | |
|--|--|--|----------------|-------|-----------|-----------------------|---------------|--|----------------|
| ENGINE | Kubota® 35 hp (26.1 kW) turbo-charged, liquid-cooled, 3-cylinder, diesel engine. Available power: 32 hp (23.9 kW) at 2800 rpm. 67.1 cu. in. (1.1 liter) displacement governed to a maximum speed of 3050 rpm. Oil capacity 4 quart (3.8 liter) with standard oil filter. Rear-mounted, cross flow 4-row radiator. | | | | | | | | |
| FUEL CAPACITY | 11 gallons (42 liters). 2008 models Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petrol blend). | | | | | | | | |
| CONFIGURATION | Rear mounted engine, front operator position. Two post ROPS, seat belt. | | | | | | | | |
| TRACTION DRIVE | 2WD hydrostatic, closed-loop transmission provides infinitely variable ground speed in forward and reverse. Variable displacement piston type pump. | | | | | | | | |
| GROUND SPEED/ CLEARANCE | Mow: 0-6 mph (0-10 km/h), mow speed is factory preset at 6 mph but is adjustable; Transport: 0-9 mph (0-14km/h); Reverse: 0-4 mph (0-6 km/h). Ground Clearance: 6" (15.3 cm). | | | | | | | | |
| CONTROLS | Forward and reverse traction control pedals; mow/transport foot lever; hand activated parking break; hand operated ignition key switch; tilt steering wheel lock; PTO switch; throttle; joystick control for deck raise and lower; cutting deck transport lock. | | | | | | | | |
| GAUGES & DIAGNOSTICS | Fuel gauge, engine coolant temperature gauge, and hour meter. Light cluster with glow plug and charge indicator lights, amp, low engine oil pressure and high coolant temperature warning lights (high temperature safety shut off). | | | | | | | | |
| ELECTRICAL & INTERLOCKS | Traction pedal, operator presence in seat, PTO engage or disengage, and cutting deck mow or transport safety interlock switches. Parking break set prohibits movement through traction pedal. 40 amp alternator and 12-volt, 585 CCA battery. | | | | | | | | |
| HYDRAULICS | Open center, manual valves, gear pump hydraulic system. System capacity approximately 3.5 gallon (13.2 liter) reservoir. | | | | | | | | |
| LIGHT KIT | Optional Work Light Kit model 3084. | | | | | | | | |
| STEERING | Hydraulic power steering, tilt wheel. | | | | | | | | |
| TIRES/WHEELS | 20 x 10-10, 4-ply rating, Turf Trac tires. | | | | | | | | |
| BRAKES | Dynamic through hydrostatic transmission service brake. Hand actuated over center, drum type parking brake. | | | | | | | | |
| OVERALL DIMENSIONS | <table border="1"> <thead> <tr> <th>Height</th> <th>Length</th> <th>Width</th> <th>Wheelbase</th> </tr> </thead> <tbody> <tr> <td>70.8" (180 cm) w/ROPS</td> <td>116" (295 cm)</td> <td>71.8" (182 cm) with 68" (173 cm) WOC 75.8" (193 cm) with 72" (183 cm) WOC</td> <td>59.5" (151 cm)</td> </tr> </tbody> </table> | Height | Length | Width | Wheelbase | 70.8" (180 cm) w/ROPS | 116" (295 cm) | 71.8" (182 cm) with 68" (173 cm) WOC 75.8" (193 cm) with 72" (183 cm) WOC | 59.5" (151 cm) |
| Height | Length | Width | Wheelbase | | | | | | |
| 70.8" (180 cm) w/ROPS | 116" (295 cm) | 71.8" (182 cm) with 68" (173 cm) WOC 75.8" (193 cm) with 72" (183 cm) WOC | 59.5" (151 cm) | | | | | | |
| WEIGHT | 2,100 lbs. (953 kg) with cutting units. | | | | | | | | |
| WARRANTY | Two-year limited warranty. Refer to operator's manual for further details. | | | | | | | | |
| CERTIFICATION | Complies with ANSI B71.4-2004 and European Community (CE) with required rear ballast. | | | | | | | | |
| CUTTING DECKS | | | | | | | | | |
| TYPE | 3 Contour™ Plus 27" (69 cm) rear-discharge rotary with rear roller on each deck. Mulching kit optional. | | | | | | | | |
| WIDTH OF CUT | 72" (183 cm), standard. Deck overhang 4.5" (11.4 cm) per side. | | | | | | | | |
| HEIGHT OF CUT | .75-4" (1.9-10.2 cm) in .25" (.6 cm) increments. | | | | | | | | |
| MOWING RATE | Mows up to 4.1 acres/h (1.7 hectares/h) at 6 mph (10 km/h) (assumes no overlap or stops). | | | | | | | | |
| CONSTRUCTION | 10-gauge steel constructed chambers with 12-gauge welded reinforcements. 1.5" (3.8 cm) square x .25" (.6 cm) wall tube with 7-gauge side supports. Spindle support 3/16" (.48 cm) high-strength steel and 10-gauge exterior channels. | | | | | | | | |
| SPINDLE ASSEMBLY | Ductile cast iron spindle housing. Dual Timpken® greaseable tapered roller bearings. 1.25" (3.2 cm) diameter solid cold finished steel spindle shaft. Splined connection between spindle shaft and pulley. Welded blade retainer plus anti-scalp cups | | | | | | | | |
| ANTI-SCALP FEATURES | 6" (15 cm) anti-scalp cups on each blade. | | | | | | | | |
| MULCHING KIT | Leaf mulching kit available. | | | | | | | | |
| SUNSHADE | | | | | | | | | |
| BIMINI SUNSHADE | Model 30358 | | | | | | | | |

*Specifications and design subject to change without notice.

The Groundsmaster 3505-D is manufactured in Tomah, WI ISO 9002 Certified Plant.

