



Groundsmaster® 3500-D / 3500-G / 3505-D

A breakthrough rotary mower that delivers a superior quality of cut for trimming golf courses and striping sports fields.





Groundsmaster® 3500-D Specifications*



GROUNDMASTER 3500-D, TIER 4 DIESEL MODEL 30807									
ENGINE	Kubota® 3-cylinder, liquid-cooled diesel. Power: 24.8 hp (18.5 kW) gross, at rated speed of 3000 rpm. Torque peak: 71.5 (52.7) Nm (lbs-ft) @ 2200 rpm. Displacement: 1123cc. High idle: 3200 rpm no load (uninstalled) 3100-3200 installed. Remote-mounted 5" Donaldson® air cleaner. Fuel filter/water separator. Oil capacity 4 quarts (3.8 liters) with standard oil filter. Rear-mounted, cross flow 4-row radiator. EPA Tier IV Final Compliant.								
FUEL CAPACITY	11 gallons (42 liters). 2008 models Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petroleum blend).								
CONFIGURATION	Rear mounted engine, front operator position. Two post ROPS, seat belt.								
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; cutting deck transport lock.								
GAUGES & DIAGNOSTICS	Fuel gauge and hour meter, light cluster with glow plug and charge indicator lights, 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 10-10, 4-ply rating, Turf Tread tires. 20 x 12-10, 4-ply rating, Turf Tread Fronts.								
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)
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WEIGHT	2,095 lbs. (950 kg) with cutting units.								
WARRANTY	Two-year limited warranty. Refer to operator's manual for further details.								
CERTIFICATION	Complies with ANSI B71.4-2012 and EN5395.								
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	Model 30836								
ACCESSORIES									
BIMINI SUNSHADE	Model 30358								
WORK LIGHT	Model 30841								
UNIVERSAL SUNSHADE	Model 30349 (White), Model 30552 (Red)								

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Groundsmaster® 3500-G Specifications*

GROUNDMASTER 3500-G, GAS, MODEL 30809									
ENGINE	Kubota® 32.7 hp (24.4 kW) gas engine. 58.7 cu. in. (.962 liter) displacement. Oil capacity: 3.6 quarts (3.4 liters) with standard oil filter.								
FUEL CAPACITY	10 gallons (37.9 liters).								
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 and hour meter. Light cluster with check engine and charge indicator lights, 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 Tread front tires. 20 x 10-10, 4-ply rating, Turf Tread rear tires.								
BRAKES	Dynamic through hydrostatic transmission service brake. Hand actuated over center, drum type parking brake.								
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WEIGHT	2,145 lbs. (1,075 kg) with cutting units.								
WARRANTY	Two-year limited warranty. Refer to operator's manual for further details.								
CERTIFICATION	Complies with ANSI B71.4-2012 and EN5395.								
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	Model 30836								
ACCESSORIES									
BIMINI SUNSHADE	Model 30358								
WORK LIGHT	Model 30841								
UNIVERSAL SUNSHADE	Model 30349 (White), Model 30552 (Red)								

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Groundsmaster® 3505-D Specifications*



GROUNDMASTER 3505-D, TIER 4 DIESEL, MODEL 30849				
ENGINE	Kubota® 3-cylinder, liquid-cooled diesel. Power: 24.8 hp (18.5 kW) gross, at rated speed of 3000 rpm. Torque peak: 71.5 (52.7) Nm (lbs-ft) @ 2200 rpm. Displacement: 1123cc. High idle: 3200 rpm no load (uninstalled) 3100-3200 installed. Remote-mounted 5" Donaldson® air cleaner. Fuel filter/water separator. Oil capacity 4 quarts (3.8 liters) with standard oil filter. Rear-mounted, cross flow 4-row radiator. EPA Tier IV Final Compliant.			
FUEL CAPACITY	11 gallons (42 liters). 2008 models Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petroleum 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 brake; 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.			
STEERING	Hydraulic power steering, tilt wheel.			
TIRES/WHEELS	20 x 10-10, 4-ply rating, Turf Tread tires.			
BRAKES	Dynamic through hydrostatic transmission service brake. Hand actuated over center, drum type parking brake.			
OVERALL DIMENSIONS	Height 70.8" (180 cm) w/ROPS	Length 116" (295 cm)	Width 71.8" (182 cm) with 68" (173 cm) WOC 75.8" (193 cm) with 72" (183 cm) WOC	Wheelbase 59.5" (151 cm)
WEIGHT	2,095 lbs. (950 kg) with cutting units.			
WARRANTY	Two-year limited warranty. Refer to operator's manual for further details.			
CERTIFICATION	Complies with ANSI B71.4-2012 and EN5395.			
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 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	Model 30836			
ACCESSORIES				
BIMINI SUNSHADE	Model 30358			
WORK LIGHT	Model 30841			
UNIVERSAL SUNSHADE	Model 30349 (White), Model 30552 (Red)			

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Groundsmaster® 3500-D Specifications*

GROUNDMASTER 3500-D, TIER 4 INTERIM DIESEL, MODEL 30839(N)									
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. EPA Tier IV Interim Compliant.								
FUEL CAPACITY	11 gallons (42 liters). 2008 models Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petroleum 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 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 10-10, 4-ply rating, Turf Tread rear tires. 20 x 12-10, 4-ply rating, Turf Tread front tires.								
BRAKES	Dynamic through hydrostatic transmission service brake. Hand actuated over center, drum type parking brake.								
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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 B71.4-2012 and EN5395.								
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	Model 30836								
ACCESSORIES									
BIMINI SUNSHADE	Model 30358								
WORK LIGHT	Model 30841								
UNIVERSAL SUNSHADE	Model 30349 (White), Model 30552 (Red)								

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