

**TORO**

# Groundsmaster® 4500-D/4700-D

CONTOUR ROTARY MOWERS

## FEATURES

- 55 hp (41.1 kW) Yanmar® turbo-diesel engine
- Contour™ Plus rotary cutting units for virtually no scalping
- Full-length striping rear rollers
- 9' (2.7 m) and 12.5' (3.8 m) width of cut
- 6.5" (16.5 cm) cutting unit overlap to eliminate streaking
- Smart Power® – optimized moving in all conditions
- SmartCool® system with auto reversing cooling fan
- 4-Way Adjustable Seat and Air Ride Suspension
- Integrated ControlHub™ with fingertip electronic controls
- InfoCenter™ displays simple operating info while monitoring machine health
- Full-time, bi-directional 4WD
- 4-wheel drive traction assist (optional)
- Reliable planetary gear wheel drive system

## More production, same extraordinary cut.

The Groundsmaster® 4500-D and 4700-D continue to provide the clean quality of cut of a reel mower but with the maintenance ease of a rotary. Toro's SmartCool® system keeps your machine on the job and moving forward. Before things get too hot, SmartCool briefly reverses the cooling fan to blast chaff and debris from the intake screens. Smart? You know it. Cool? Definitely! With a 55 hp (41.1 kW) turbo-diesel under the hood and Smart Power® technology that maximizes power to the Contour™ Plus cutting decks, the Groundsmaster 4500-D and 4700-D are an unprecedented blend of powerful productivity and refined results.



Groundsmaster® 4500-D

Groundsmaster® 4700-D

**SMART POWER**

# Groundsmaster® 4500-D & 4700-D Specifications

|  | GROUNDMASTER 4500-D, MODEL 30885  | GROUNDMASTER 4700-D, MODEL 30887   |   |
|--|---|--|---|
| <b>ENGINE</b>                          | Yanmar® 4-cylinder liquid-cooled, turbo-charged diesel. Power: 55 hp (41.1 kW) power at rated speed of 2700 rpm. Torque peak: 125 ft-lbs (169 Nm) @ 2000 rpm. Displacement: 127 cu. in. (2.1 liters). EPA Tier IV Final and Stage V Compliant.  |  |   |
| <b>AIR CLEANER</b>                     | Dry, replaceable primary and safety elements.   |  |   |
| <b>RADIATOR</b>                        | Rear-mount, single pass, 7-row, 6.3 fins per inch, 13 quart (12.3 liters) capacity.   |  |   |
| <b>FUEL CAPACITY</b>                   | 22 gallons (83 liters) diesel fuel. Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petroleum blend).   |  |   |
| <b>TRACTION DRIVE</b>                  | Parallel hydrostatic, closed loop system with full-time 4WD forward/reverse in low (mow) and high (transport) range with optional full-time, or momentary traction flow divider (forward only) (Model 31529). Variable displacement piston pump with electronic servo control powers dual speed piston motor drive into double reduction planetary in front, and mechanical axle in rear. Smart Power® feature controls traction speed to maintain optimal cutting blade speed. |  |   |
| <b>HYDRAULICS/COOLING</b>              | 8.25 gallon (31.3 liter) capacity with 10 micron remote spin-on filter, single-pass cooler, 6.3 fins per inch. Variable speed SmartCool hydraulic fan drive with automatic (based on coolant and oil temps) and auto/manual reversing capabilities.   |  |   |
| <b>DIAGNOSTICS</b>                     | Diagnostics pressure test ports: forward and reverse traction, deck circuit 1 & 2, reverse 4WD, lift, steering, traction charge, and counter balance.   |  |   |
| <b>GROUND SPEED</b>                    | Transport: 0-13 mph (0-21 km/h) forward, 0-8.0 mph (0-12.8 km/h) reverse.<br>Mow: 0-8.0 mph (0-12.8 km/h) forward, 0-6.5 mph (0-10.4 km/h) reverse. (Max speeds adjustable by both operator and supervisor.)  |  |   |
| <b>TIRES</b>                           | Front: 29 x 14-15, 6-ply ultra-tread. Rear: 20 x 10-10, 4-ply Multi-Trac tread.   |  |   |
| <b>MAIN FRAME</b>                      | All welded formed-steel frame with integral tie-down anchors.   |  |   |
| <b>BRAKES</b>                          | Dynamic through hydrostatic transmission, plus mechanically-actuated, internal wet disc brakes on input to each planetary drive. Individual foot-operated steering brake control of left and right front wheel. Lock pedals together and latch to engage parking brake.   |  |   |
| <b>SEAT</b>                            | Premium seat with adjustments for operator weight via air ride suspension, seat fore/aft position, seat back angle, arm rest height and retractable seat belt.  |  |   |
| <b>STEERING</b>                        | Power steering with dedicated power source, tilt steering.  |  |   |
| <b>INSTRUMENTATION</b>                 | InfoCenter™ System: Onboard LCD display shows gauges, alerts/faults, service reminders, electrical system diagnostics. Indicates fuel level, coolant temperature, intake temperature, low oil pressure, alternator, engine hours, engine rpm, hydraulic oil temperature, voltage and fuel usage.  |  |   |
| <b>CONTROLS</b>                        | Ignition switch, traction range selection switch, PTO switch, light switch, cruise control switch. Foot-operated traction pedal, individual foot-operated steering brake control of left and right wheels with parking brake lock. Lift Switches: One 2-position switch (GM 4500-D). Three 2-position switches (GM 4700-D).   |  |   |
| <b>CRUISE CONTROL</b>                  | Off/on/engage switch with on-screen adjustable speed control through the InfoCenter while engaged. Auto-disengage with PTO deactivation or braking.   |  |   |
| <b>ELECTRICAL</b>                      | 12-volt, 650 cold cranking amps battery, 40 amp alternator. Overload protection with automotive type fuses.   |  |   |
| <b>INTERLOCKS</b>                      | Prevents engine from starting unless traction pedal is in neutral and deck is disengaged. If operator leaves seat with deck engaged, engine stops. Machine automatically switches to low range if decks are lowered. Engine stops if parking brake engaged and traction pedal not in neutral. Prevents switching mow to transport unless stopped to protect turf.   |  |   |
| <b>OPERATOR AREA</b>                   | Beverage holder, radio holder, 12-volt power point, storage box (tools, jackets, golf balls, etc.), seat belt.  |  |   |
| <b>WORK LIGHT</b>                      | Standard, LEDs, 650 lumens.   |  |   |
| <b>ROPS</b>                            | 2-post foldable, standard.  |  |   |
| <b>DIMENSIONS<br/>W/ CUTTING UNITS</b> | <b>GM 4500-D</b>  | <b>GM 4700-D</b>   |   |
|  | Overall length w/decks down   | 145.8" (370 cm)  | 145.8" (370 cm)                               |
|  | Overall width, lowered/raised   | 112.8" (286 cm)/88.3" (224 cm)   | 153.8" (391 cm)/88.3" (224 cm)                |
|  | Height w/2-post ROPS  | 88.8" (216 cm) upright, 65.2" (165 cm) folded  | 88.8" (216 cm) upright, 65.2" (165 cm) folded |
|  | Wheelbase   | 67.5" (172 cm)   | 67.5" (172 cm)                                |
|  | Track Width, front/rear   | 88.3" (224 cm)/55.5" (141 cm)  | 88.3" (224 cm)/55.5" (141 cm)                 |
| Ground clearance                       | 6" (15.3 cm)  |  |   |
| <b>WEIGHT</b>                          | 4,495 lbs. (2038 kg) - with full fluids.  | 5,045 lbs. (2288 kg) - with full fluids.   |   |
| <b>MOWING RATE**</b>                   | 8.8 acres/hr (3.6 hectares/hr)  | 12.1 acres/hr (4.9 hectares/hr)  |   |
| <b>SAFETY</b>                          | Complies with American National Standards Institute (ANSI B71.4-2017) and applicable ISO EN 5395 (CE) standards (machine directive 89/392, 91/368, 93/44, 84/538, 89/336) requirements.   |  |   |
| <b>WARRANTY</b>                        | Two-year limited warranty. Refer to the Operator's Manual for further details.  |  |   |
| <b>CUTTING UNITS</b>                   |   |  |   |
| <b>TYPE</b>                            | Five Contour™ Plus 27" (68.6 cm), rear-discharge rotary cutting units with standard full-length striping rear rollers.  | Seven Contour™ Plus 27" (68.6 cm), rear-discharge rotary cutting units with standard full-length striping rear rollers.  |   |
| <b>WIDTH OF CUT</b>                    | 109" (277 cm), overlap 6.5" (16.5 cm), overhang 10.4" (26.4 cm).  | 150" (381 cm), overlap 6.5" (16.5 cm), overhang 30.9" (78.4 cm).   |   |
| <b>MOWING CONFIGURATIONS</b>           | Five fixed decks, 109" (277 cm) cutting width.  | Operate-on-the-fly mowing configurations of 5, 6, or 7 decks utilizing the independently-operable outboard cutting units, resulting in cutting widths of 109" (276.8 cm), 129.5" (328.9 cm), or 150" (381 cm). |   |
| <b>HEIGHT OF CUT</b>                   | 0.75"-4" (1.9-10.2 cm) in 0.25" (.6 cm) increments. 3-position 0.030" (0.08 cm) incremental calibration   |  |   |
| <b>CONSTRUCTION</b>                    | 10-gauge steel constructed chambers with 12-gauge welded reinforcements. Heavy-duty exoskeleton deck carrier frame, 1.5" (3.8 cm) square x .25" (.6 cm) wall tube with 7-gauge side supports protects deck shell from impact damage. Spindle support 3/16" (.48 cm) high-strength steel and 10-gauge exterior channels.   |  |   |
| <b>SPINDLE ASSEMBLY</b>                | 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 deck motor. Welded blade retainer plus anti-scalp cups.   |  |   |
| <b>GROUND FOLLOWING</b>                | 6" (15.3 cm) anti-scalp cups on each blade. On each deck: two 5" (12.7 cm) diameter front rollers, one 3" (7.6 cm) diameter rear roller.  |  |   |
| <b>BLADES</b>                          | 27" (68.6 cm) long, 2.5" (6.4 cm) wide, 0.25" (.64 cm) thick. Standard combo blade, optional Atomic, high sail and angle sail blades.   |  |   |
| <b>WING PROTECTION</b>                 | Groundsmaster 4700-D has an impact absorption device on wing decks.   |  |   |

\*Specifications and design subject to change without notice.

\*\*Assumes max mow speed and 100% efficiency. Actual mowing rates may vary depending on operator and conditions.





# Groundsmaster® 4500-D & 4700-D Accessories

| TRACTION UNIT ACCESSORIES |                            |
|---------------------------|----------------------------|
| 30629                     | Premium Seat               |
| 31696                     | Work Light Kit             |
| 30669                     | Universal Sunshade - White |
| 30671                     | Universal Sunshade - Red   |
| 30358                     | Bimini Canvas Sunshade     |
| 115-8473                  | 90-amp Alternator Kit      |
| 31529                     | 4WD Flow Divider Kit       |
| 03614                     | Golf Ball Operator Guard   |
| 30670                     | EU Road Light Kit          |

| CUTTING DECK ACCESSORIES |                                     |
|--------------------------|-------------------------------------|
| 104-5183                 | High Lift Blade                     |
| 105-9810-03              | Angle Sail Blade                    |
| 107-0235-03              | Atomic Blade                        |
| 108-9026-03              | Combo Blade                         |
| 30836                    | Leaf Mulching Kit                   |
| 137-6145                 | Sectional Rear Roller 27" (68.5 cm) |
| 104-5168                 | Roller Scraper Kit                  |

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