Play without delay.

Nothing keeps your course in better shape with less disruption than the improved Toro® Hydroject® 3010. This remarkable water injection aerator doesn't pull cores, eliminating costly core cleanup and topdressing. More importantly, turf is ready for play immediately after use. For golf courses, that can mean hundreds of extra rounds every year. It’s another example of how Toro innovation continues to improve safety, appearance and playability for your sports and golf turf.

Hydroject 3010
• Core-less aeration
• 5000 psi
• Multiple space settings
• Replaceable micron water filter

Deep impact.
High-velocity water injections penetrate up to 8” (20.3 cm) on a single shot or past 20” (50.8 cm) with additional bursts. This makes the application of wetting agents increasingly effective in protecting turf from stressful weather conditions.
Performs under pressure.

The Hydroject injects ten-millisecond pulses of highly pressurized (5000 psi) water deep into the turf to alleviate compaction and flush harmful minerals through the compaction layer without disrupting the surface. This helps to increase percolation, improve gas exchange and enhance turf health. Operate the Hydroject in either the lowered position, to aerate deeper with smaller diameter holes, or in the raised position (with optional lift kit) to create larger diameter holes, which prolongs the agronomic benefits. Supplement your core aeration with frequent Hydroject treatments to relieve turf stress during the summer months or heavy play. By applying liquid wetting agents during aeration, the Hydroject can advance turf growth year round. Dual rollers aid in smoothing the turf surface, which can help avoid costly delays in play or turf rebuilding. Visit Toro.com/golf and click on the Turf Cultivation section for more information.

The simple control panels are easy to operate for even the most novice operators. Multiple space settings, ranging from 1.5-6" (3.8-15.2 cm), provide optimal flexibility for a variety of conditions.
## Specifications for Hydroject 3010

### Engine
- **Model:** Kohler® CH740, 4-cycle, opposed twin
- **Rating:** 27 hp (20 kW) @ 3600 rpm (gross)
- **Displacement:** 44 cu. in. (725 cc)
- **Fuel:** Gas
- **Cooling:** Air

### Traction Unit
- **Drive:** Hydrostatic variable volume pump
- **Fuel capacity:** 10.5 gallon (39.7 liter)

### Electrical System
- **Battery:** 12 volt, 525 cold cranking amps at 0°F (-18°C)
- **Charging system:** 20 amp with circuit breaker protection
- **Interlocks:** Solid state potted electrical controller, sealed weather pack connections

### Controls/Gauges
- **Engine panel:** Throttle, choke, key switch, hour meter, supply water pressure gauge, circuit breaker, roller wash control and spacing control lever
- **Steering handle:** Bidirectional traction lever, aeration start and stop buttons, transport/aerate lift toggle switch, and parking brake with buzzer

### Water Supply
- **Required:** 8 gpm @ 20-80 psi (30.3 liters/min. @ 1.3-5.5 bars)

### Pump
- **Head:** Toro exclusive stainless steel, 3-piston type with forged crank shaft, stainless push rods
- **Performance:** 4 gpm @ 5000 psi (15 liters/min. @ 344.8 bars)
- **Drive:** Two belts electromagnetically engaged

### Ground Speed, Spacing & Depth
- **Aerating speed:** 0-2 mph (0-3.2 km/h), both directions
- **Transport speed:** 0-4 mph (0-6.4 km/h), both directions
- **Aeration Depth:** Up to 8” (20.3 cm) or beyond 20” (50.8 cm) w/additional bursts
- **Spacing in the direction of travel:**
  - 1.5” (3.8 cm) 6,500 sq.ft./h (604 sq.m./h)
  - 3.0” (7.6 cm) 13,000 sq.ft./h (1,208 sq.m./h)
  - 4.5” (11.4 cm) 19,500 sq.ft./h (1,812 sq.m./h)
  - 6.0” (15.2 cm) 26,000 sq.ft./h (2,415 sq.m./h)

### Dimensions & Weight
- **Wheelbase:** 53” (135 cm)
- **Length:** 96” (245 cm)
- **Width:** 63” (160 cm)
- **Height:** 38.2” (97 cm)
- **Weight:** 1,120 lbs. (508 kg)

### Options
- Wetting agent, 25 micron pre-filter and filter body, injection system, lift kit

### Warranty
- Two-year or 500 hour limited, 120 days for contract use

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- **Toro Financing** A full service offering for all your equipment and irrigation purchases. Flexible financing options can be tailored to meet your operational needs.
- **Toro Protection Plus Extended Protection Plan** Protect your budget and your equipment investment. Plans are available for both new and used equipment, and you can choose from various terms to fit your financing terms.
- **Toro Genuine Parts** Keep the productivity and performance of your equipment at its peak. Learn about Performance Parts pricing and MVP kits. Find replacement parts online at Toro.com/partsviewer.

- **Toro Training** Toro Factory Service Schools are available. Explore the training and customer care areas of Toro.com and ToroNSN.com for readily available education and training materials.
- **Toro Controller Repair** Provides irrigation controller boards ready for immediate board exchange to assure that downtime is minimal and your turf stays protected. Toro is the choice for reliability.
- **Toro NSN®** An industry-first support network that provides reliable, around-the-clock irrigation central control system troubleshooting and operation assistance. Call 1-800-ASK-TORO.