

RFQ 24-0003 - USED TORO REELMASTER 5610-D, 7000, OR EQUIVALENT
SPECIFICATIONS

If offering an equivalent brand, the bidder MUST provide a side-by-side comparison of the equivalent offering(s) vs. the preferred brand(s) indicated in this solicitation, otherwise the bid will be deemed non-responsive.

Hours

Hours used on mower not to exceed 2000 hours.

Engine

Tier 4 compliant, Yanmar 3-cylinder, liquid cooled, diesel engine. 36.8HP, 74.4 ft. lbs. torque, 1.64L displacement

Lubrication

Pressurized lubrication system with 5.0-quart capacity

Fuel Filter

Replaceable spin-on filter

Air Cleaner

Heavy duty 3 stage, radial seal air cleaner with restriction indicator

Cooling

Plate and bar radiator/oil cooler combination, 6.3 fins/inch, 10-quart capacity

Fuel Tank Capacity

14 gallons

Hydraulic Oil Capacity

15 gallons

Traction Drive

Four wheeled unit. Front drive wheels power by a hydrostatic pump with individual wheel motors. All wheel drive optional with CrossTrax All-Wheel Drive system, which transfers power from front wheels to the opposite rear wheel via independent rear wheel motors.

Ground Speed

0-10mph forward transport, 0-8mph mowing, 0-4mph reverse

Tires

Four-wheel unit. (2) two front traction tires 26.5x14x12 turf tires; (2) two rear steer tires 20x12x10.

Main Frame

High strength steel frame with welded construction

Brakes

Individual left and right drum front wheel brakes. Brakes may be actuated for service braking via left foot pedal. Integrated foot pedal lock provides park brake. Dynamic braking through hydrostatic traction drive system.

Steering

Rear wheel, power steering with an independent hydraulic pump and circuit

Gauges

InfoCenter onboard LCD display shows gauges, alerts/faults, service reminders, electrical system diagnostics, indicates fuel level, coolant temp, low oil pressure, alternator, engine hours, engine RPM, voltage, reel speed, backlap speed, glow indicator, life/lower indicator

Controls

Single-foot operated traction pedal, foot actuated mow speed limiter, foot actuated service and parking brake. Hand operated key ignition switch, throttle, isochronous engine speed control, cutting unit raise/lower joystick, cutting unit engage switch, and headlight switch all positioned on right hand pivoting control console.

Electrical and Interlocks

Heavy duty 12-volt battery, 570 CCA, 55-amp alternator. Electrical control unit is a microprocessor based, solid state control unit with diagnostic capabilities. Traction pedal, parking brake, operator presence in seat, and cutting unit engage/disengage safety interlock switches.

Reel Drive

Reel drive circuit is split independently for front and rear cutting units. Hydraulic functions controlled by an integrated hydraulic control block. Reel speeds are electronically adjustable in nine incremental settings. Standard on-board backlapping.

Cutting Unit Lift/Lower

Front and rear cutting unit lift/lower is sequenced for uniform starting and ending points.

Seat

Deluxe high back suspension seat with fore, aft, height, and weight adjustment

ROPS

Standard with seat belt

Height

63" to seat top. 85.5" to top of ROPS

Length

111"

Wheel Base

60"

Operational Width

116"

Transport Width

92"

Weight

Approximately 2756 pounds

Number of Blades

8,11

Height of Cut Range

8-Blade: 0.5" – 2.0"

11-Blade: 0.25"-0.75"

Width of cut

100"

Cutting Unit

5 plex, hydraulically driven, balanced cutting units with adjustable rear weight transfer spring. Cutting units feature quick disconnect for removal/installation and are interchangeable to all positions. Cutting units also feature rear throw capability.

Reel Speed

Manually controlled, variable reel speed for control of clip frequency. Reel speeds are incrementally adjustable between 200-1650 RPM with a backlap speed of 200RPM

Bedknife Adjustment

Dual precision adjustment, bedknife to reel.

Rollers

3" diameter, deep groove plastic Wiehle front roller. 3" diameter steel rear roller with powered rear roller brush

Powered Rear Roller Brush

Rotating, helically woven, 11-point contact stiff bristled brush. Spring loaded belt drive. 2000RPM spin rate.

Delivery Location

107 Country Club Lane

Galax, VA 24333