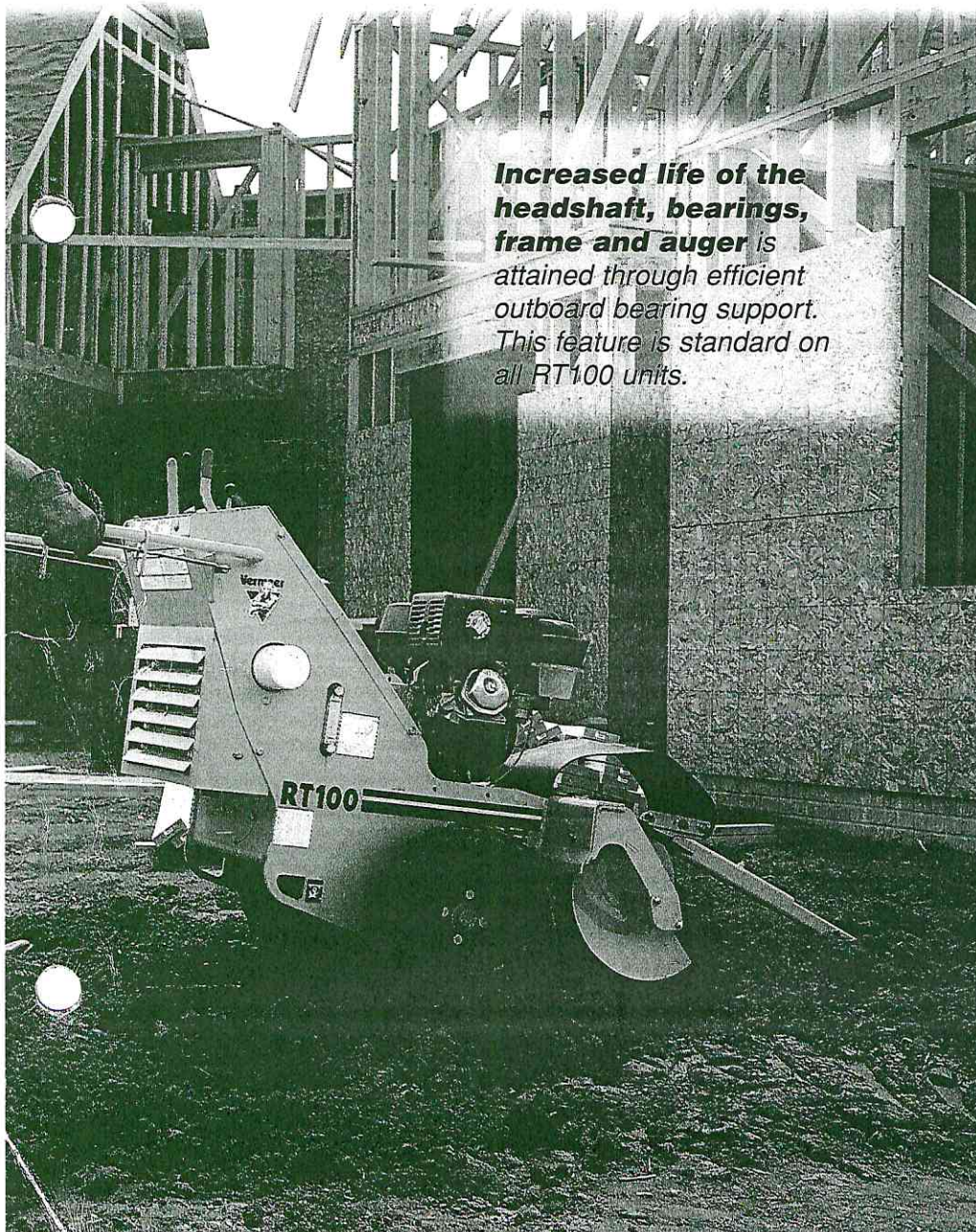


RT100 safety and operation is enhanced through color-coded controls that reduce the learning curve for operators.



Increased life of the headshaft, bearings, frame and auger is attained through efficient outboard bearing support. This feature is standard on all RT100 units.

RT100 Specifications

General (basic unit with 13 hp Kohler, 16x6.5-8 tires, 24"x4" partial cup trencher and restraint bar)

Weight: 1030 lb (467 kg)
 Length (transport): 86" (218 cm)
 Width (overall): 34.5" (87.6 cm)
 Height: 46.3" (118 cm) (transport);
 45.5" (116 cm) (basic unit)
 Wheel Base: 33" (84 cm)
 Tread Width: 27.5" (20 cm)
 Tire Width (overall): 34" (86 cm)

Trencher

Trench width: 4" – 6" (10 cm – 15 cm)
 Trench depth: 24", 30", 36"
 (61 cm, 76 cm, 91 cm)
 Cutters: Cup, tiger, shark, rotary
 Digging chain tensile strength: 34,000 lb (15,422 kg)

Engine

Model:
 Option 1 – Kohler Command CH-13 (gas);
 Option 1 – Kohler Command CH-15 (gas);
 Option 3 – Honda GX390 (gas)

Number of cylinders: 1 (all)
 Cooling medium: Air (all)

Bore x Stroke:
 Option 1 – 3.43" (8.7 cm) x 2.64" (6.7 cm)
 Option 2 – 3.55" (9.0 cm) x 2.64" (6.7 cm)
 Option 3 – 3.22" (8.2 cm) x 2.52" (6.4 cm)

Displacement:
 Option 1 – 24.3 cu. in. (398 cc)
 Option 2 – 26.0 cu. in. (426 cc)
 Option 3 – 20.6 cu. in. (337 cc)

Gross HP:
 Option 1 – 13 HP (10 kw)
 Option 2 – 15 HP (11 kw)
 Option 3 – 13 HP (10 kw)

Max. Torque:
 Option 1 – 21.2 lb-ft (9.6 kg-m) @ 2400 rpm
 Option 2 – 25.3 lb-ft (11.4 kg-m) @ 2400 rpm
 Option 2 – 19.5 lb-ft (8.8 kg-m) @ 2400 rpm

Air cleaner: Dry (all)
Max. engine operating angle: 20°
 (not a machine stability specification;
 do not use to determine safe machine
 operating angle)

Fuel tank capacity:
 Option 1 – 1.25 gal (4.7 L)
 Option 2 – 1.25 gal (4.7 L)
 Option 3 – 1.7 gal (6.4 L)

Fuel consumption (@ max load):
 Option 1 – 1.21 gph (2.8 L/hr)
 Option 2 – 1.3 gph (4.9 L/hr)
 Option 3 – 1.08 gph (4.1 L/hr)

Engine oil capacity:
 Option 1 – 4 pt. (1.9 L)
 Option 2 – 4 pt. (1.9 L)
 Option 3 – 2.3 pt. (1.1 L)

Hydraulic System

Oil tank capacity: 11.6 gal (43.9 L)
 Oil system capacity: 12 gal (45 L)

Ground Drive

Pump type: Hydrostatic
 Pump flow: 9.50 gpm (36.0 L/min.) @ 3600 RPM
 Filtration 10-micron
 Tire size:
 16" x 6.5" – 8 (41 cm x 16.5 cm) lug (standard)
 16" x 6.5" – 8 (46 cm x 24.1 cm) lug (optional)
 16" x 8.5" – 8 (46 cm x 21.6 cm) turf (optional)
 Transport speed @ 3600 RPM std. tire
 Fwd: 188 fpm (57.3 m/min)
 Rev: 88 fpm (263.8 m/min)