



RG100



General
<i>Weight:</i> 3750 Lbs Maximum
<i>Length:</i> 144" Maximum
<i>Height:</i> 64" Maximum
<i>Width:</i> 35" Maximum 53" Max W/Dual Wheels
<i>Ground Clearance:</i> 9" Minimum
<i>Chassis Design:</i> Electrically welded formed, Structural Steel 3/8" and 1/4"
<i>Self-Propel Means:</i> Hydraulic/Planetary Wheel Motor @ each Rear Wheel
<i>Swing Pivot Bearings:</i> 1 1/4" Hardened Steel Bushings
<i>Cylinder Pivot Points:</i> 1 1/4" Hardened Steel Bushings
<i>Operator Control Console:</i> Mounted On Swing Away Arm With Protective Polycarbonate Window Full Length Rubber Shield And Fully Covered Valve Bank
<i>Warning Lights:</i> Engine Oil Pressure, Engine Oil Temperature, Hydraulic Oil Temp, Battery Charging System, Hof Hydraulic Filter
<i>Brakes:</i> Rear - Spring Applied Hydraulic Release Front - Pilot Operated Balance
<i>Tires:</i> Rear - (4) 5.70" X 22.4" Front - (2) 5.70" X 17.7"

Engine
<i>Model:</i> Kubota V3800DI-T-E3B, Tier 3/Stage IIIA, Vertical 4-cycle, Turbocharged, liquid Cooled diesel
<i>Number of cylinders:</i> 4
<i>Bore:</i> 3.94"
<i>Stroke:</i> 4.72
<i>Displacement:</i> 230 cu. in
<i>Maximum no load RPM:</i> 2600
<i>Gross HP at maximum no load RPM:</i> 99.2HP
<i>Maximum rated torque:</i> 240ft lbs @2600 RPM
<i>Cooling medium:</i> liquid cooled
<i>Air Cleaner:</i> Dry type with Pre-Cleaner
<i>Oil Filter:</i> Spin-on type
<i>Fuel Tank Capacity:</i> 14 gallons
<i>Electrical System:</i> 12 volts/60 AMP Alternator
<i>Safety:</i> Elastometric engine mounts required
<i>Engine:</i> to be operable on (up to) a 30° slope with the cutter wheel in the full up or down position
<i>Engine:</i> must remain level with machine frame and not tilt upward or downward while in operation. Also, engine must not move left or right while in operation.

Rayco RG100 is the answer if you're looking for a full-feature, high power backyard stump cutter. This machine feature a powerful 99.2 hp Kubota diesel engine with hydrostatic cutter wheel drive and RAYCO's Command Cut to deliver top-notch performance. The swing-out control panel provides a good look at the cutting action while keeping the operator safe from flying debris .A low center of gravity and 4-wheel drive with high and low travel speed get you to the job without turf damage.

Features and Benefits

- Hydraulic Backfill Blade
- Swing-Out Chip Retainers
- 4-Wheel Drive •Command Cut
- Fits Through 36" Gate

Hydraulic System - Cutter

Cutter Pump: Variable displacement axial piston

Cutter Motor: Fixed displacement axial piston

Cutter Pump Displacement: Cable controlled with neutral start & operator console interlocks

Command Cut: Swing speed control and horsepower optimizer

Filter: In tank suction filter

System Pressure Relief: 5800 PSI

Lift & swing cylinders: 2 1/2" bore x 7-3/8" stroke, 1-1/8" rod

Hydraulic Wheel Drive System

Wheel Drive Pump: Gear

Wheel Drive Motors: Rear-Axial 2-speed piston motor, front hydraulic Geroller motors

Control Valve: Single spool mono-block fingertip control, spring centering with neutral sensor, speed control switch, and creep gate

System Pressure Relief: 3300PSI

Cutting Wheel

Wheel Diameter: 23" Maximum

Wheel Thickness: 3/4" Minimum

Cutting Wheel Bearings: 1 3/4" diameter double row spherical roller minimum 2

Cutter Wheel RPM: Must be variable speed independent of engine RPM from 0 to 1230 RPM

Drive Belt: Gates Polychain GT®

Cutting Teeth: RAYCO Super tooth™ forged, one piece, with tungsten carbide tips.

Cutter Teeth Quantity: 36 Maximum

Belt Guard: Steel, one piece

Chip Retaining Curtains: Fabric impregnated rubber

Cutter Wheel: Must come to a stop in less than three seconds without shutting off engine

Cutter Wheel Engagement: Hydrostatic pump. No clutch necessary

Cutting Range (without repositioning)

Below Ground Level: 21.5"

Above Ground Level: 31"

Cutting Width: 69"

Forward - Backward: Self-propelled unlimited

Options

TR100 Trailer

Receiver Hitch Male w/tow and lift eye