



RG140DXH



General
<i>Weight:</i> 6140 Lbs Maximum
<i>Length:</i> 200" Maximum
<i>Height:</i> 90" Maximum
<i>Width:</i> 86" Maximum
<i>Chip Collection Capacity:</i> 273 cu.ft. Minimum
<i>Chassis Design:</i> Electrically welded 4"x6"x3/8" wall rectangular steel tubing
<i>Telescoping Tongue Extension:</i> 60" Minimum
<i>Hitch:</i> Adjustable height 2-5/16" Ball
<i>Hitch Weight:</i>
<i>Jack Stand:</i> Hydraulic
<i>Tires:</i> (2) LT-R16.5
<i>Swing Pivot Bearings:</i> 2" spherical plane
<i>Fenders:</i> Steel, Bolt-on
<i>Wheel Bearing Seal Protector:</i> Steel Deflector Plate
<i>Operator Control Console:</i> Mounted On Swing Away Arm With Protective Polycarbonate Window Full Length Rubber Shield And Fully Covered Valve Bank
<i>Highway Lighting:</i> DOT approved
<i>Hour Meter:</i> Required
<i>Electric Brake System:</i> Required
<i>Suspension System:</i> Torque Arm
<i>Tool Box:</i> Required
<i>Coiled Light Connector Harness:</i> Required
<i>Safety Sales Kit:</i> Required

Engine
<i>Model:</i> John Deere 4045HF285 140HP
<i>Number of cylinders:</i> 4
<i>Bore:</i> 4.2"
<i>Stroke:</i> 5.0"
<i>Displacement:</i> 275 cu. in
<i>Maximum no load RPM:</i> 2540
<i>Gross HP at maximum no load RPM:</i> 140HP
<i>Maximum rated torque:</i> 387ft lbs @1500 RPM
<i>Cooling medium:</i> liquid cooled
<i>Air Cleaner:</i> Dual Element, Dry type
<i>Oil Filter:</i> Spin-on type
<i>Fuel Tank Capacity:</i> 50 gallons
<i>Electrical System:</i> 12 volts/75 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.

For those seeking maximum horsepower and productivity in a tow-behind stump cutter, RAYCO's RG140DXH delivers the goods. This unit is made to power its way through big stumps with its 140hp Tier III John Deere engine. Chip collection capacity and cutting dimensions are designed for work on large stumps without the need for re-positioning or raking. An exceptionally smooth cutting action is achieved by utilizing RAYCO's Command Cut automatic swing speed control. Hyrdostatic cutter wheel drive with RAYCO's exclusive "Quick-Stop" cutter wheel provides years of dependable service and requires little maintenance.

Features and Benefits

- Hydrostatic cutter wheel drive with "Quick-Stop" cutter wheel
- Command Cut automatic swing speed control
- Torflex® Axle
- Hydraulic tongue jack Chipper

Hydraulic System

<i>Cutter wheel Pump Displacement:</i> 7.62 cu. in. per rev
<i>Cutter wheel Pump Gallonage at 2540RPM Engine Speed:</i> 83.8 gpm
<i>Aux Pump Displacement:</i> .49 cu. in. per rev
<i>Aux Pump Gallonage at 2600 RPM Engine Speed:</i> 5.49 gpm
<i>Aux System Pressure Relief:</i> 2250 psi
<i>Command Cut:</i> Swing speed control and horsepower optimizer
<i>Oil Reservoir Capacity:</i> 15 gallons mounted independent of Engine
<i>Sight Gauge:</i> oil reservoir temperature gauge
<i>Oil Filter:</i> (2) 10 micron full flow
<i>Oil Type:</i> Tellus 46
<i>Operator Control Console:</i> Swing out arm
<i>Operator Control Valves:</i> 3-bank mono-block spring centering series
<i>Hose Capacity:</i>
<i>Swing Cylinders:</i> (2) 3" bore x 10" stroke, 1.250" rod diameter
<i>Lift Cylinder:</i> (1) 3" bore x 12" stroke, 1.5" rod diameter
<i>Telescoping Tongue Cylinder:</i> (1) 2.5" bore x 60" stroke, 1.5" rod diameter
<i>Fittings:</i> JIC
<i>Variable displacement, high pressure, closed loop, cutter wheel drive hydrostatic pump motor:</i> Required

Cutting Wheel

<i>Wheel Diameter:</i> 28" Maximum
<i>Wheel Thickness:</i> 1" Minimum
<i>Cutting Wheel Bearings:</i> 2 3/16" diameter Pillow Block
<i>Cutter Wheel RPM:</i> Must be variable speed independent of engine RPM from 0 to 1270 RPM
<i>Drive Belt:</i> Gates Polychain GT®
<i>Cutting Teeth:</i> RAYCO Super tooth™ forged, one piece, with tungsten carbide tips.
<i>Cutter Teeth Quantity:</i> 40 Maximum
<i>Belt Guard:</i> Steel, one piece
<i>Chip Retaining Curtains:</i> Fabric impregnated rubber
<i>Cutter Wheel:</i> Must come to a stop in less than three seconds without shutting off engine
<i>Cutter Wheel Engagement:</i> Hydrostatic pump. No clutch necessary

Cutting Range (without repositioning)

<i>Below Ground Level:</i> 26"
<i>Above Ground Level:</i> 31"
<i>Cutting Width:</i> 99.6"
<i>Forward – Backward:</i> 60" Minimum
<i>Cutting Volume Range:</i> 273cu. ft. Minimum

<i>Options</i>

Fender Mounted Chip Retainer

Pintle Hitch

Coiled electrical connection harness adapter (6 way to 7 way male)
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Hydraulic Surge Brakes

Chrome Wheels
