



RG1635SJR



General

<i>Weight:</i> 1355 Lbs Maximum
<i>Length:</i> 105.5" Maximum
<i>Height:</i> 56" Maximum
<i>Width:</i> 34.5" Maximum
<i>Chip Collection Capacity:</i> 10.5 cu. Ft Minimum
<i>Chassis Design:</i> Electrically welded 3"x3", 4"x4" Square Steel Tubing
<i>Self-Propel Means:</i> Self-propelled with variable speed control and automatic hill brake
<i>Swing Pivot Bearings:</i> 1" spherical plain minimum
<i>Tires:</i> 5.70" x 8" extra gripping tread required
<i>Drive Axle Bearings:</i> 1 1/4" flange roller minimum w/grease fitting
<i>Dual Wheel Steering:</i> Axle W/5.70"x8" extra gripping deep tread – Maximum 34.25 width
<i>Fenders:</i> Steel Bolt-on required
<i>Tool Box:</i> Required

Engine

<i>Model:</i> Briggs&Stratton Vanguard 35 HP required
<i>Main Bearings:</i> 2 Minimum
<i>Number of cylinders:</i> 2 Minimum
<i>Bore:</i> 3.36"
<i>Stroke:</i> 3.40"
<i>Displacement:</i> 60.5 cu. In Minimum
<i>Maximum no load RPM:</i> 3600
<i>Gross HP at maximum no load RPM:</i> 35HP Minimum
<i>Maximum rated torque:</i> 52.2ft lbs @2200 RPM Minimum
<i>Cooling medium:</i> Unrestricted Air Flow Required
<i>Air Cleaner:</i> Heavy Duty, Dual Element, Dry type
<i>Oil Filter:</i> Spin-on type
<i>Fuel Tank Capacity:</i> 6.5 gallons Minimum
<i>Electrical System:</i> 12 volts/15 AMP Alternator Required
<i>Oil Pump:</i> K95 Required

Hydraulic System

<i>Cutter Pump Displacement:</i> 0.365 cu. In. Minimum
<i>Pump Gallonage @ 3600 RPM:</i> 1.8 gpm Minimum
<i>System Pressure Relief:</i> 2800 PSI Minimum
<i>Oil Tank Capacity:</i> 2 Gallons Minimum
<i>Oil Filter:</i> 10-Micron Full Flow
<i>Oil Type:</i> SAE 10
<i>Valve:</i> 4-Function Mono-block Spring-Centered Series
<i>Hose Capacity:</i> 1/4" I.D. 20,000 Surge, 1/2" I.D. 14,005 PSI Surge
<i>Cross Travel Cylinders;</i> (2)Minimum 2" bore, 4" Stroke, 3/4" rod Minimum
<i>Lift Cylinder:</i> 2" Bore x 12" Stroke, 1" Rod
<i>Hydraulic Wheel Drive Motor:</i> 9.6 cu. In/rev

If you're looking for a compact, self-propelled Stump Grinder at an economical price, look no further than the RAYCO Super Jr series. These machines are lightweight, powerful, and come loaded with features. Yet they still carry a very affordable price tag. Available with the more powerful 35 hP Vanguard gasoline engine, these machines are easy to use and easy to maintain, making them ideal for rental applications as well as budget minded professionals and those seeking the most compact solution for their stump cutting needs.

Features and Benefits

- Variable speed ground travel gives operator to precise control over travel speed by reducing sensitivity of control lever
- Hydraulic steering is convenient and steers easier than 3-wheel competitors
- Pivoting front axle allows all 4 wheels to maintain ground contact on uneven terrain
- Anti-creep hill brake applies automatically when not traveling in forward or reverse to help maintain position when cutting and eliminate "creeping" on slopes
- Built-in toolbox to carry spare Super Teeth, tools, etc •Quick-Stop cutter wheel brake brings cutter wheel to a stop in less time than competitors' models that allow wheel to coast to a stop

<i>Drive Chain: 50R Series Minimum</i>
<i>Fittings: O-ring and JIC required</i>

Cutting Wheel
<i>Wheel Diameter: 17.25" Maximum</i>
<i>Wheel Thickness: 1" Minimum</i>
<i>Cutting Wheel Bearings: 1.5" Pillow Block Minimum</i>
<i>Hub: Bolt-in Required</i>
<i>RPM: 1140 Approximately</i>
<i>Intermediate Belt: Banded "A" section V-belt</i>
<i>Drive Chain: Gates Polychain GT, Low Maintenance</i>
<i>Jackshaft Bearings: 1.5" Pillow Block Minimum</i>
<i>Cutting Teeth: RAYCO Super tooth™ forged, one piece, with tungsten carbide tips.</i>
<i>Cutter Teeth Quantity: 18 Maximum</i>
<i>Belt Guard: Steel required</i>
<i>Chip Retaining Curtains: Fabric impregnated rubber</i>
<i>Cutter Wheel Engagement: Electromagnetic clutch with the "Quick Stop" brake system</i>

Cutting Range (without repositioning)
<i>Below Ground Level: 11" Minimum</i>
<i>Above Ground Level: 26" Minimum</i>
<i>Cutting Width: 38" Minimum</i>
<i>Forward – Backward: Unlimited in Drive Mode</i>

Options
RG1625A Custom Trailer
RG1625A Trailer Brake Kit
Command Cut
Dual Wheel Tires
Additional Chip Retainers
Pintle Hitch
Jack Stand w/Caster Wheel
Emergency Switch
Spark-Arresting Muffler