



# RH1754



<b>General</b>
Weight: 14,500lbs
Length: 330"
Height: 115"
Width: 90"
Chassis: 8" Structural "C" channel
Fuel Tank: 80 gallons
Axle: (2) 8000lbs Torflex with Electric Brakes
Tires: (4) 235-75R-17.5H

<b>Engine</b>
Model: John Deere 4045HF285 140HP Tier III
Number of Cylinders: 4
Bore: 4.2"
Stroke: 5.0"
Displacement: 275 cu. in.
Intake System: Turbocharged
Maximum no load speed: 2470 rpm
Gross Power @ 2400rpm: 140HP
Maximum rated torque @ 1500rpm: 387 ft-lbs
Cooling Medium: Liquid Cooled
Air Cleaner: Dual Element, Dry Type with Pre-cleaner
Oil Filter: Spin-on
Electrical System: 12volt with 12V/75 amp alternator
Drives: Serpentine Belt

<b>Infeed System</b>
Infeed Roller Drive: Planetary
Infeed Roller Diameter: 20"
Infeed Hopper: Open-ended
Infeed Opening: 17"x54"
Length: 98"
Width: 54"
End Loading Height: 48"
Side Loading Height: 70"
Load Sense: VersaFeed
Live Floor: Rubber Belt
Down Pressure: 4400lb-psi
Torque: 30,000 in-lbs

<b>Cutting System</b>
Drum Width: 54"
Drum Diameter: 20"
Cutting Teeth: 30
Screen: 3"
Anvil: Replaceable

Finally... there is a horizontal grinder within reach of the small contractor. The Rayco RH1754 is designed to be both compact and affordable while still offering high levels of productivity. Available as towable or on steel tracks, the RH1754 is easy to transport and can be maneuvered on small jobsites that are inaccessible to larger machines. This unit is highly productive and capable of grinding a wide variety of wood waste materials. Ideal for processing tree limbs and brush, sawmill waste, dimensional lumber scraps, pallets, and for re-grinding wood chips. It offers an economical solution for reducing wood waste, lowering dumping costs, and creating high quality mulch. Variety of screens available to create the desired end product.

## Features and Benefits

- Compact design allows easy transport with lighter trucks and operation on jobsites not accessible to larger machines
- Excellent productivity on a variety of materials such as pallets, brush and limbs, lumber scraps, land-clearing debris, regrind, light construction debris, etc
- Affordable acquisition and operating costs allow grinding to be an economically viable solution on a small-scale
- John Deere diesel engine meets Tier 3 emissions and is backed by Deere's service network
- Large radiator with removable debris screen is suitable for operation in virtually any climate and allows for easy cleaning

**Discharge Conveyor***Height: 104"**Width: 42"**Drive: Hydraulic**Belt: Rubber Chevron**Pulley: Magnetic Head Pulley***Mid Conveyor***Width: 52"**Drive: Hydraulic**Belt: Rubber Chevron***Towing***Hitch: Pintle**Jacks: Double Hydraulic**Lights: DOT Approved**Brakes: Electric**Tongue Weight: 1500lbs.***Hydraulic System***Pump: Load Sense 28GPM @ 3150 PSI**Oil Reservoir Capacity: 50 Gallons**Oil Filter: Spin-on**Oil Type: Tellus T46**Fittings: JIC***Cooling System***Fan: Flexaire Reversing Fan**Coolant: 50-50 Glycol***Control System***H30 Engine Control System**Remote Control***Safety Shutdowns***Low Engine Oil Pressure**Water Temperature**Torque Limiter**E-stop***Options***Variety of screen sizes and shapes*