



RH1754-240



General

<i>Weight:</i> 17,000lbs
<i>Length:</i> 28' (conveyor folded)
<i>Height:</i> 11'8" (conveyor folded)
<i>Width:</i> 90"
<i>Chassis:</i> 8" Structural "C" channel
<i>Fuel Tank:</i> 90 gallons
<i>Axle:</i> (2) 9000lbs Torflex with Electric Brakes
<i>Tires:</i> (4) 235-75R-17.5H

Engine

<i>Model:</i> Cummins QSB,240HP, Turbo diesel, 6.7L
<i>Number of Cylinders:</i> 6
<i>Bore:</i> 4.21"
<i>Stroke:</i> 4.88"
<i>Displacement:</i> 275 cu. in.
<i>Intake System:</i> Turbocharged
<i>Maximum no load speed:</i> 2500 rpm
<i>Gross Power @ 2500rpm:</i> 240HP
<i>Maximum rated torque @ 1500rpm:</i> 728 ft-lbs
<i>Cooling Medium:</i> Liquid Cooled
<i>Air Cleaner:</i> Dual Element, Dry Type with Pre-cleaner
<i>Oil Filter:</i> Spin-on
<i>Electrical System:</i> 12volt with 12V/75 amp alternator
<i>Drives:</i> Serpentine Belt

Infeed System

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

Cutting System

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

The RH1754-240 maximizes productivity without breaking the bank. This 240hp, compact, horizontal grinder is powered by a 6.7L Cummins turbo-diesel engine that delivers the horsepower and torque to process material with remarkable speed. High volumes of wood chips, lumber scraps, pallets, logging slash, and green waste can be ground and screened to produce a wide variety of end products. Loaded with features such as variable speed conveyors, folding discharge conveyor, remote control, and magnetic head pulley, the RH1754-240 provides excellent value in a very productive package.

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, reground, light construction debris, etc
- Affordable acquisition and operating costs allow grinding to be an economically viable solution on a small-scale
- 240hp Cummins turbo diesel engine meets Tier 3 emissions and is backed by Cummins' world-wide service network
- Large radiator with removable debris screen is suitable for operation in virtually any climate and allows for easy cleaning
- Reversing fan on engine radiator automatically clears debris screen during operation

Discharge Conveyor

Height: 12'4" extended

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: 1700lbs.

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

Triple Grouser Steel Tracks