



The third-generation HC 2400-B Portable Heavy Duty Waste Recycler is ideal for waste wood processing!

Building on the success of the HC 2400-A, the HC 2400-B updates our most popular Portable Waste Recycler. Featuring our patented grinding system, the HC 2400-B brings increased production and reliability to small to mid-sized operations. More durable, easier to operate, easier to transport, easier to service... we made improvements all over the machine!



A unique radial stacking conveyor allows windrowing of material.



The heavy duty rotor is continuously fed by a chain conveyor.

Hundreds of Peterson Recycler owners are proving the reliability and durability that have made the HC 2400 one of the most successful grinders in the business.

*When you want the best,
there's really only one choice...*



Peterson Pacific Corp.
Leading the way...with waste recycling

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**Portable
Heavy Duty
Waste Recycler**

HC 2400-B

H C 2400-B Portable Heavy Duty Waste Recycler

SPECIFICATIONS

Engine/Drive System

Caterpillar Model C-15, 450 hp or 580 hp engine
Fuel tank capacity: 194 U.S. gallons (734 liters)
Twin Disc Heavy-duty clutch (450 hp only)
Hydraulic Power Take-Off (HPTO) clutch (580 hp only)
Hydraulic reversing fan with waffle screen
Integral multi-cooler

Feed System

Speed sensing, automatic reversing feed system
Powered compression roller
Feed throat: 58 in. (147 cm) wide x 34.5 in. (88 cm) high
Feed chain: WD-110 wide series, welded steel
Loading height: 92 in. (234 cm)
Water spray system

Hammer Mill Hog

24 fixed hammers with replaceable tips

Trailer/Frame

Machine weight: approx. 450 hp: 51,200 lbs. (23,224 kg)
580 hp: approx. 54,400 lbs (24,675 kg)
Overall travel length: 450 hp: 41 ft. 6 in. (12.65 meters)
580 hp: 35 ft. 9 in. (10.9 meters)
Travel width: 8 ft. 6 in. (2.59 meters)
Travel height: 12 ft. 7 in. (3.84 meters) with 24 in. radial stacking conveyor
13 ft. 6 in. (4.1 meters) with 55 in. conveyor
Double channel frame
Hopper dimensions: 58 in. wide x 15 ft. 9 in. long (1.5m x 4.8m)
Suspension: Dual axle
Tire size: 385/65R 22.5

Output Production*

450 hp engine

Green waste: up to 240 cu. yds./70 U.S. tons,
(183 cu. m/63.5 metric tons) per hour
Scrap dry wood: up to 270 cu. yds./41 U.S. tons,
(206 cu. m/37 metric tons) per hour

580 hp engine

Green waste: up to 272 cu. yds./79 U.S. tons,
(208 cu. m/72 metric tons) per hour
Scrap dry wood: up to 337 cu. yds./51 U.S. tons,
(258 cu. m/46 metric tons) per hour

** actual output may vary due to moisture content, material density, material size, support equipment, and grate size.*

Hydraulic System

Tank capacity: 450 hp: 83 U.S. gallons (314 liters)
580 hp: 105 U.S. gallons (397 liters)
Pump: vane and variable displacement pumps
Filter system: Six micron return filter, ten micron breather
Hydraulic cooler

Safety Mechanisms

Three emergency shutdown buttons
High heat automatic engine shutdown
Low oil pressure automatic engine shutdown
Non-crushable material release/shutdown system
Break-away anvil/grate system

Options

Multi-function radio remote control
Feed reverse/stop/forward
Compression roller raise/lower and forward/reverse
Emergency stop
Magnetic head pulley
Radial stacking conveyor (450 hp only)
Wide variety of grate configurations available

Specifications subject to change without notice



Find out more about the entire Peterson Pacific Corp. product line at:

