



The CBI Difference: More Value — *by Design*

World's Best Stationary and Portable Material Recovery Systems

Grinders

Grizzly Mill



The CBI Grizzly Mill® is the backbone of CBI Material Recovery systems, and is recognized worldwide as the toughest and most productive wood hog ever built. Designed specifically for waste wood, stumps, logs, demolition debris, poles, ties, stringy bark, yard waste, etc., etc.....

Magnum Force 4000 Horizontal Hog



This unit is specifically designed for super-high production, converting bark, raw yard waste, stumps, leaves, and logs to uniform, high-quality mulch. It is the best unit available in the world for producing fine ground mulch to professional contractors' specifications.

Magnum Force 6800 (Track and Portable)



Built specifically for landclearing companies and yard waste processors who demand high volume throughput and maximum versatility. The 6800 is the first grinder ever made that can grind wood as fast as a 30" chipper can chip. Features include a unique clamshell hog box opening, built-in prescreener, shear-pin protection, and CBI's IntelliGrind™ controls and Replace-A-Face™ hammer system, all in an easily transportable 78,000 pound package.

Magnum Force 8400 Horizontal Hog



The 8400 grinds full length trees, stumps, brush, RR ties, telephone poles, demolition and trash at an unbeatable throughput rate. It is the ultimate landclearing machine and contaminated wood processor. Now available in track, portable, and stationary models.

Magnum Force 8600



Built to deliver the highest possible production grinding trees, stumps, brush, yard waste, pallets, etc. The 8600 combines the ruggedness and reliability of CBI's famed 4800 with newly engineered features never before available in a wood waste grinder. A unique clamshell design provides outstanding access

for service, and a direct line for replacing screens. Other features include a built-in prescreener, shear pin protection, and CBI's IntelliGrind™ controls and Replace-A-Face™ hammer system.

Magnum Force 9000 Horizontal Hog



The 9000 is our largest horizontal hog. It is built to be extremely rugged to withstand tens of thousands of hours of hard grinding. It is the undisputed heavy-weight champion for processing C&D, stumps, brush, tires, poles, etc.

(Not road legal in all States.)

Magnum Force Drum Chipper



One of the largest mobile drum chippers in the world, this unit provides high volumes of chips (up to 700 m³/hour) for the boiler fuel, pulp, and OSB markets. Unique features include a shear pin protected chip breaking grate guaranteeing uniform chip size with virtually no overs, and an adjustable, reversible anvil. Large

logs, shortwood, and wide trees are easily fed through the massive 60"x44" feed opening. Built on the 8400 frame, the entire unit can be easily converted to a grinder with CBI's quick change rotor and screen system.

Annihilator: the Mother of all Shredders!



Designed for high volume primary processing of metal contaminated C&D, bulky waste, and MSW. End product size can be changed from 12" – 36" by means of a hydraulically-actuated anvil. A choice of 600-1000 HP, electric or diesel power is available. It can be used in portable or stationary

applications, and is built in the traditional CBI style — extremely heavy-duty, using the best components, for highly reliable throughput and ease of use.



Stump Shears

The CBI Stump Shear processes the biggest stumps and butt logs at a rate of 50 tons

or more per hour! Our rugged Shear utilizes two ripper teeth to pull stumps out of the ground, then the steel plate backfills the stump hole. With the power of dual action cylinders, the massive knife shears/splits the most difficult stumps. Shearing stumps removes most dirt and rocks, thereby reducing wear and tear on the grinder. The CBI Stump Shear requires as 45,000-100,000 pound class excavator, with an auxiliary hydraulic line for the additional piston.

Screening Systems

All CBI screening systems are designed and built for high production throughput and low maintenance.

Pre-Screener



The CBI Pre-Screener is a low-maintenance, high-production, and very reliable means of separating dirt and abrasive fines out of all types of feed material. The open-top design allows the operator to feed in large volumes of brush, stumps, C&D, yard waste, grass, bark, bulky, or irregular material

without binding or clogging. The Pre-Screener separates feed material into three fractions—fines, ferrous metals, and overs ready for processing. It provides two picking stations.

The combination of our “standard” machines, plus highly flexible manufacturing facilities, technical staff, and production capabilities, means we can take a multi-disciplined custom design from concept to working reality, all in-house. With total control of design,



construction, and system integration, we can deliver the optimum turnkey system solution.

All our uniquely efficient and extremely rugged Grizzly Mills can be

delivered as a turnkey setup with conveyors, structural bases and electric or diesel drives. These systems are designed to process yard waste, stumps, C&D debris, railroad ties, bark, etc. Examples of both custom and turnkey systems follow.

Stump to Mulch System – Smithfield Peat Co., RI



This system was designed to process dirt and rock contaminated stumps into a clean final ground and colored mulch in one pass. It is comprised of a pre-screener for dirt removal, picking stations for rock, primary hog, magnet for metal removal, secondary hog, coloring

unit and three 80' radial stacking conveyors. Approximate throughput is 300 cubic yards per hour.

High Capacity Mulch – Mulch King



The 46,000 lb. CBI Mulch King is a large hammermill with a 60” diameter x 72” long rotor. It is specifically designed to regrind presized wood to a fine uniform product, with a throughput up to 400 cubic yards per hour. ($1/2$ ” minus product possible)

Vibratory Screens



CBI's stationary systems feature ruggedly constructed vibratory screens (from Action Equipment Company, Inc.) expertly designed for high capacity recycling of C&D debris. These fully balanced and integrated conveying, feeding, and screening systems are battleship tough and include ACTION's patented TAPER-SLOT®

Screen Technology. With no cross wires, rods, or high-wear rotating discs to restrict material flow, screen decks remain clear for accurate, effective, continuous, high-volume screening. This rugged TAPER-SLOT® Screen is the preferred alternative to inherently problematic perforated, wire mesh, disc, and finger screens, and rotary trommels.

Custom & Turnkey Systems

Yard Waste Processing System – SWA of West Palm Beach, FL



This system was designed to process over 100,000 tons per year of Florida yard waste to two fractions: 70% minus 1.25” for sludge composting amendment, 30% plus 1.25” for fuel. The system includes a pre-screener to remove

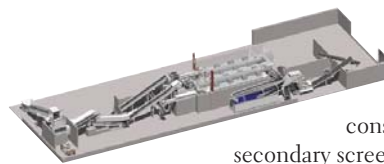
4” minus from picking area, picking conveyor specially designed for yard waste, magnet for metal removal, Magnum Force 4800 Horizontal Hog, Star Screen, and stacking conveyors.

Waste Management - Wilbraham, MA



Working closely with WM and their engineers, CBI helped create a 40,000 sf state-of-the-art C&D processing facility with permitted capacity of 156,000 tpy... and a documented recycling rate of almost 95%. The CBI installed system includes primary and secondary shredders, vibratory screen, conveyors, overband magnet, and picking station for material sorting.

C&D Processing System – New Bedford Waste Services, MA



This C&D system was designed to be extremely flexible in order to meet the ever changing demands of C&D recycling. The system consists of a primary shredder, primary and secondary screen, two picking lines with wood transfer conveyors, float tank, secondary hog, magnets and bi-directional conveyors to allow partial or full use of the system.

Stump Processing System – Hercules Inc., Brunswick, GA



This system was designed to process 600 tons per day of resin-rich stumps to a fine, dirt-free product for further chemical extraction and refining. The system consists of a stump tumbler/pre-screener,

Stardeck system to remove fines, Magnum Force 6000 Horizontal Hog, log loader, operator control cab, metal detector, and magnets.



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