



New Products

Peterson Introduces the 4310 Drum Chipper

The 4310 drum chipper is the latest in a long line of chipping and grinding machines produced by Peterson. It's suited for high volume biomass producers who have a wide variety of feed material, from logs up to 26" in diameter, to brush and small feed stock.

The 4310 is powered by a 765 HP C18 Caterpillar engine. At 52,000 lbs, the chipper is designed for operations requiring high production and tracks for frequent moves between jobs. It utilizes a 36" diameter by 40" wide drum. Other key features include a sloped feed deck for ease of feeding the chipper and wear-resistant AR 400 surfaces on the drum pockets and shell. Optional material sizing grates minimize oversize twigs and branches in the chips, and an optional chip accelerator helps with loading. www.petersoncorp.com

Deere Introduces E-Series

John Deere has introduced the revolutionary E-Series forest machines, the latest development in Deere's line of wheeled harvesters and forwarders. They are designed with stronger frames and equipped with rotating and leveling cabs.

The four models in the E-Series harvester family include the 1070E, 1170E, 1270E, and the 1470E. The 1070E is available in a 4-wheel or a 6-wheel version. New generation harvester heads are part of the series launch, with the H414 developed especially for the 1170E harvester, and the compact-sized H412 compatible with the 1070E and 1170E harvesters.

The E-Series' six forwarders include the 810E, 1010E, 1110E, 1210E, 1510E, and 1910E. The load capacity and engine power of the two biggest models have been increased. The 1510E, powered by a 6.8-liter John Deere PowerTech Plus™ engine with high torque at low rpm, and the 1910E with a 9.0-liter John Deere PowerTech Plus engine, are built especially for heavy-duty operations.

The new TimberMatic H-09 measuring and automation system includes fully integrated trouble-shooting and anti-bucking functions. The unique TimberLink software facilitates the monitoring and optimization of the machine's performance. www.deere.com

RAYCO Horizontal Grinder, Now With 240 HP

RAYCO's customers asked for a horizontal grinder that made processing materials such as wood chips, lumber scraps, pallets, logging slash, and green waste easier and faster than ever — without breaking the bank. The answer? The new RH1754-240, with a powerful 240 hp Cummins 6.7 L diesel engine, a longer discharge conveyor, and other enhancements to maximize throughput while keeping operating costs at a minimum.

The operator can now pile chips higher, or fill open-top trailers, with a discharge conveyor that reaches over 12 feet high. Screens can be changed in minutes allowing the operator to size product to his exact specifications. Variable speed control on both infeed and discharge conveyors can be tailored to virtually any grinding application.

Features include: radio remote controls; magnetic head pulley to separate nails and light metals; swing-away fuel tank for easy and quick screen changes; large radiator with removable debris screen and reversing fan; and tracks available.

Best of all, it's affordably priced. www.raycomfg.com



Fecon's New BH200

Fecon® introduces the BH200 Bull Hog® mulching attachment for 180-600hp tractors. It's the first Bull Hog to incorporate the patented HDT Step Rotor system, which has two cutting diameters and a staggered tool pattern for extreme cutting efficiency. The BH200 also incorporates a larger rotor diameter and larger bearings than the BH120, while operating in the power range of the BH250. Additionally, it has a newly designed body that is lighter yet even more severe-duty.

The BH200 can be hydraulically powered with 65-200 gpm and up to 6000 PSI for tractors ranging from 180-600hp. Fixed and variable displacement motor options are available to configure the BH200 to the contractor's requirements. A PTO version of the BH200 is also available for tractors from 180-440hp. www.fecon.com

Peeler Fork by Weldco-Beales Mfg.

Mills require peeler forks that are not only versatile, but also robust. Weldco-Beales Mfg. (WBM) Hinged Tine Peeler Forks are engineered and manufactured to excel in the roughest mill environment. The hinged tines are made with high strength steel (100,000 yield) and protected with segmented abrasion resistant plates on the bottom and tip. These wear surfaces are easily replaced when worn, and the segmented design means you only replace what's necessary. The deep, boxed center section is designed to provide superior strength, transferring payload forces efficiently to the wheel loader. WBM Hinged Tine Peeler Forks are available in one or two over arm versions. www.weldco-beales.com

New Productivity Package by Bandit

Bandit Industries, Inc. has added a Productivity Package, powered by MasterTrak. The asset management tool communicates directly with the engine and monitors engine and equipment problems, reducing costly, unexpected failures that impact your bottom line.

This Productivity Package is standard on all new whole tree chippers and horizontal grinders and is available as an option for the stump grinder and hand-fed chipper line. The MasterTrak Productivity Package can also be added to existing units out in the field. www.banditchippers.com

Wood-Mizer Introduces Small Log Processing Line

Wood-Mizer Products, Inc. recently introduced the Small Log Processing line (SLP) available now for purchase.

The SLP is a series of products that work together to improve industrial efficiency, and consists of the Twin Vertical Saw (TVS), Single Vertical Saw (SVS), a single or a multi-head Horizontal ReSaw, material handling for loading and transferring, and an EG300 MultiRip Edger.

The system can be set up in a conventional, in-line arrangement for maximum efficiency, or it can be set up modularly for convenience. www.woodmizer.com

Indigo Innovators Develops Sustainable Carbide Saw Chain Tip

When Indigo Innovators, a St. Mary's, Pa. manufacturer of saw chain, was prepared to go to market in late 2004 with an all-steel replaceable cutter for its .750 (3/4") pitch saw chain, a customer asked if the company could provide a carbide tip for cutting timber in icy or muddy conditions. That request led Indigo to collaborate with General Carbide (GC), a Greensburg, Pa.-based manufacturer of carbide tooling, resulting in the creation of Chain-Serts™ (www.chain-serts.com) carbide-tipped replaceable cutters that GC is producing for Indigo.



The product is available in a tough, wear-resistant grade of carbide and has tips that last 50 times longer than traditional steel inserts. Chain-Serts can be re-sharpened and don't require a special tool or fastener to wedge a new insert onto the chain, or remove a spent one. www.generalcarbide.com

Tigercat 855, 860, and 870 C-series Refined

The Tigercat 855C, 860C, and 870C carriers have undergone a host of improvements related to improved efficiency, performance, and productivity. Affected products include the H855C/LH855C harvesters, LS855C shovel logger, and the 860C/870C feller bunchers.

Although there have been dozens of changes and enhancements, the most notable improvement is the new twin swing drive system that increases swing torque by 44%, while reducing pinion loads for extended swing system life. Included with this update, are new swing drive gearboxes with larger capacity bearings and a stronger gear train as well as a new swing system valve that improves efficiency. www.tigercat.com