



Supplier Newslines

New meter measures moisture content of biomass-related products

The new Check Line BM2 biomass moisture meter measures the moisture content of wood chips, bark, wood, pellets, wood shavings and sawdust.

It allows moisture-related machinery issues to be detected early before serious problems arise and also helps biomass producers, suppliers and end users to ensure that they are not paying for excessive water content.

A built-in data logger stores up to 10,000 entries with suppliers' data and batch numbers. Measurements can be transferred to a computer or printer. An integrated online function allows stored data to be transferred to other third party programs.

The BM2 has a resolution of .5 percent water content and calibration accuracy of plus or minus 1.5 percent with automatic temperature compensation and self-calibration.

www.checkline.com

New whole tree chipper from Peterson

Peterson's 5900 disc chipper has been further enhanced with key features that high volume chipping operations demand.

The New 5900 EL (extended length) features an 11 foot feed deck, PT Tech hydraulic clutch, direct drive for the internal feed rolls, a totally enclosed Cat C18 engine, and is Tier IV-ready.

The disc chipper is built to produce high quality paper chips when paired with the Peterson model 4800 debarker or fuel chips as a standalone fuel wood chipper. The same high quality chipping components have been used for many years in Peterson's 5000H delimeter/debarker/chipper.

The 5900 EL has a large feed throat capable of accepting up to a 23" diameter tree or multiple smaller diameter stems. It comes with a standard three knife disc, and is also available with an optional four knife disc. Peterson's heavy duty 66" diameter 4.75" thick chipper disc has a replaceable .5" thick wear plate. Chipping production rates from 55 to 90 tonnes can be achieved depending on chip size.

www.petersoncorp.com

John Deere launches educational woody biomass website

John Deere Construction & Forestry has launched a woody biomass website (www.woodybiomass.com) designed to educate and inform about the importance of harvesting woody biomass.



The user-friendly website explains what woody biomass is, why harvesting it is important, how it works as a fuel and what types of innovative public policies are needed to encourage responsible harvesting and the use of woody biomass.

“Woody biomass harvesting can provide a significant source of renewable energy, promote forest stewardship and generate economic recovery for forestry communities,” said Andrew Bonde, John Deere Marketing Manager. “We launched this website to explain just how it works.”

In three short, informative videos available on the website, experts provide insight to help educate the interested public, loggers and other industry members, policymakers and the press. The videos include:

“Harvesting a Cleaner Environment,” which shares how woody biomass can be processed into liquid fuel

“Healthier Forests,” which discusses how uncollected forest floor residue can be an accelerant in forest fires

“Stronger Rural Communities,” a review of how harvesting woody biomass helps provide out-of-work loggers with a new revenue stream and revitalize rural communities.

Komatsu launches new harvester in North America

Komatsu Forest launched a completely new harvester at Elmia Wood 2009 and the machine is now available for the North American market.

The all new 259 hp 931 harvester is the newest machine in the Valmet harvester line-up. Stronger structures, a new higher performance crane and an all new 365 harvesting head are key features of this model.

The new 32' 10" reach CRH22 crane has greater lift capacity and improved structure. Its parallel movement design provides level travel and fast extension. The CRH22 handles the new Valmet three roller drive 365 harvesting head, as well as the Valmet 370.2 and 360.2 heads. Increased lift capacity improves harvesting performance at full reach.

A new Tier III compliant 7.4 litre, six cylinder, Sisu diesel engine with four-valve technology delivers more power and provides better fuel economy. Valmet's comfort bogie has high bogie oscillation for improved ride. High tractive effort improves steep terrain climbing power.

www.komatsuforest.com

Cat feller buncher upgrades deliver improved performance

Upgrades to the hydraulic system and other enhancements have improved the productivity and reliability of the 173 hp Cat 553, 197 hp Cat 563 and the 225 hp Cat 573 wheel feller bunchers.

Multi-functioning, an advantage of Cat wheel feller bunchers, has been enhanced with improvements to the front control valve. Simultaneous lift-tilt and lift-steer functions are over 60 per cent faster than major competitive machines, says Caterpillar. The saw pump flow capacity in the feller bunchers has been increased, resulting in a 15 per cent improvement



in saw recovery time on the Cat 563 and a six percent improvement in the Cat 573. Additional adjustments provide better acceleration and faster ground speed. Operators will notice more power on hills, wet ground and rough terrain, according to the company.

Hydraulic hoses have been improved to protect them from damage and reduce wear.

To make getting in and out of the cab easier, Cat replaced the rubber belt step with a rigid, fixed step. Other enhancements include button head bolts to prevent wear on hoses and expander pins for cab mounts to reduce cab noise.

Caterpillar Forest Products also recently made enhancements to the SH-50 bunching saw and is introducing the SC-57, a new centre post saw. Together, Caterpillar says the upgraded carrier and sawheads greatly improve the productivity and reliability of the Cat feller buncher system.

www.cat.com/forestry

BC Bearing Engineers acquired by Motion Industries

BC Bearing Engineers has announced that the company and its US Bearings and Drives division have become part of Motion Industries.

Motion Industries is a significant force in North America's industrial marketplace with a network of 500 locations and over 1,000 technically trained sales personnel. BC Bearing will now have access to over four million parts from Motion's extensive line of authorized brands.

The move will allow BC Bearing to leverage combined strengths and expertise in servicing the needs of the forest industry, noted Dermot Strong, President and COO of BC Bearing.

BC Bearing became an industry leader by focusing on customer needs, empowering employees and providing cost-effective solutions for over 65 years, he noted. "As we move forward, we will be taking with us all those qualities that made BC Bearing the supplier of choice to our customers and combining them with the strengths of Motion Industries. We will do everything we can to meet or exceed our customer needs in a timely manner by providing quality products and by continuously improving our internal operations and the services we provide."

www.bearings.com