



Supplier Newslines

Customer requests bring Sennebogen Green Machines to the Maritimes

Sennebogen material handling equipment has established a strong new presence in Canada's Atlantic Provinces with the recent appointment of Strongco Corporation as its exclusive distributor in Nova Scotia, New Brunswick, Prince Edward Island and Newfoundland.

According to Anna Sgro, Vice President, Multiline Equipment Division at Strongco, customers in the Maritime region were the force behind the company's decision to pursue and take on the Sennebogen line.

"Sennebogen's reputation for quality and reliability helped to pursue a partnership in scrap and material handling," she says. "Sennebogen fits our business model well and we're excited about the future."

Stephen George, Strongco's Atlantic region general manager, acknowledges that the distinctive 'green line' machines are getting a warm welcome in his territory.

"Strongco is extremely well-connected in Sennebogen's primary markets: recycling and steel, logging, ports and transfer stations. Some of our larger customers are already using Sennebogen equipment at their facilities in other regions. We're very encouraged by their interest in having Strongco and Sennebogen working with them here."

www.sennebogen-na.com

VAB Solutions signs contract to supply equipment to Irving's Truro sawmill

VAB Solutions president Jean Berube has announced the signing of a new contract with JD Irving Limited to supply equipment for the Irving sawmill in Truro, Nova Scotia. The contract includes the sale and installation of a completely automatic, in-line grading system.

"This new cutting-edge technology will allow JD Irving's Truro sawmill to substantially increase its production efficiency by rapidly increasing its productivity and the quality of its products," says Marc Voyer, vice-president and general manager of VAB Solutions.

This new contract confirms the position of VAB Solutions as an industry leader, with its unique offering of innovative technology solutions for optimizing operations for its sawmill business partners, added Berube. The equipment purchase allows the Truro sawmill to improve its profitability, and achieve a quick return on its investment.

VAB Solutions Inc. is an innovative leader in the field of industrial instrumentation in North America. The company places R&D at the centre of its operations, and provides innovative solutions for optimizing the lumber manufacturing process. Headquartered in Levis on the South Shore of Quebec City, VAB Solutions Inc. undertakes projects in Quebec, Ontario, the Maritimes and New England.

www.vab-solutions.com



Many improvements to Cat track harvester cab

The Cat 501 and 501HD track harvesters have new cabs with significant ergonomics improvements and other features that customers have requested, including better airflow, a more comfortable seat and improved night visibility.

The new air suspension seat absorbs shocks and provides added comfort during extended shifts.

The AC/heater system's capacity has been increased for more effective cooling and heating. "Set it and forget it" automatic control maintains a consistent cab temperature.

Consoles on both sides of the operator have storage areas, open trays and a cup holder to control cab clutter. Each console has a 12-volt power source for flexibility in mounting additional electronic/electrical equipment.

The new style foot pedals that control carrier movement are positioned at a more comfortable angle. The third pedal, for telescopic boom or fixed head side tilt, has been replaced with a slider switch on the joystick, allowing the operator to move the carrier while operating other functions.

Three additional double bulb light assemblies have been added to the top of the door for increased night visibility.

Although the reverse slope front window sheds rain and debris, the new windshield wiper/washer provides increased visibility during inclement weather.

www.cat.com/forestry

Firewood processor features guillotine cutting method

Multitek North America has launched a new 1620 SS model firewood processor.

This new innovative machine features a patent pending guillotine cutting method coupled with a 40" circular saw to reduce maintenance and eliminate saw chain sharpening. It has a 35 hp liquid cooled diesel engine and is easily movable from site to site or within a wood yard. The machine is rated at two to three full cords per hour and can accommodate logs up to 16" diameter and 20' in length.

www.multitekinc.com

Tigercat's Ontario plant produces 10,000th machine

Tigercat has shipped its 10,000th machine, a 720E feller buncher.

Tigercat's 10,000th production machine went to Clary Logging based in Cordele, Georgia. Owner Robert Clary is a longtime Tigercat customer. He purchased the first serial production 726 feller buncher back in late 1992, which was the second Tigercat ever built. The prototype 726 was purchased by Williston Timber earlier in 1992.



“It is very appropriate that the individual who purchased Tigercat’s first production machine has also purchased the 10,000th,” says Tigercat president, Tony Iarocci. “We have been observing Clary Logging’s progressive operations for nearly two decades and are pleased to note that in addition to being good customers, Robert and his family have become respected friends.”

The 720E feller buncher was built at Tigercat’s rubber tire machine production facility in Cambridge, Ontario.

In addition to drive-to-tree feller bunchers, the plant houses the skidder and forwarder production lines.

www.tigercat.com

New Morbark stand-alone flail available with multiple flails

Morbark has introduced the Morbark 5500 stand-alone flail, a portable debarker/delimiter that removes the bark and foliage from trees when harvesting wood fibre, for high quality chips for use in the pulp and paper market.

The new flail can be used alone or in tandem with a Morbark whole tree chipper, giving operators flexibility in their operations.

Those currently supplying the fuel market with chips from a Morbark whole tree chipper now have the option of combining that unit with the 5500 stand-alone flail to branch out into the clean chip market. These two units work together as one in-woods system to provide the same end-product as a larger combination flail machine. A grinder can also be positioned under the discharge conveyor to produce biomass fuel simultaneously.

Unlike other stand-alone flails in the industry, the 5500 stand-alone flail is available with either two or three flails. Weighing in at approximately 50,000 lbs. the Morbark 5500 stand-alone flail is much easier to transport on and off jobsites than larger combination flail units.

Standard equipment also includes the Morbark Integrated Control System, a diagnostic system that monitors the feed wheel, the hydraulic pressures, and the flail drum speed to maximize performance and minimize fuel consumption.

www.morbark.com

John Deere knuckleboom loaders bulk up

John Deere’s new knuckleboom loaders have been bulked up over their predecessors for improved durability and performance.

Productivity increasing features include the fuel-efficient John Deere 6068 Tier II PowerTech engine with a high-pressure common rail electronic fuel injection system for improved cycle times and new Pressure Compensated Load Sensing (PCLS) hydraulic pumps with a dedicated swing pump to deliver responsive, efficient hydraulic power to all functions.



Other updates to the D-Series 335D and 437D knuckleboom loaders include: heavy-duty swing bearing and pinion with taller gear teeth to reduce the torque load on each tooth for robust performance and unsurpassed reliability; new improved hydraulic manifold; new standard display monitor delivering the same information as earlier models with the addition of engine diagnostic information; auto idle, which shifts the engine into low idle when levers haven't been operated for a few seconds, conserving fuel; and, all John Deere cylinders.

www.johndeere.com

Bandit adds self-propelled whole tree chipper

Building on the success of its towable model 2290 whole tree chipper, Bandit Industries has announced the model 2290 Track—a new addition to the company's already extensive line of self-propelled whole tree chippers and grinders.

Driving the 2290 Track is a Caterpillar 315L undercarriage, featuring a track shoe width of 600 millimetres and an approximate ground pressure of 6.3 lbs per square inch. A larger Caterpillar 320L undercarriage is optional.

Despite its compact size, the model 2290 Track offers a 20" diameter capacity with a 30" weld-on tray as standard equipment. An optional 5 ½' infeed conveyor can be ordered to assist with loading piles of brush or shorter logs. The 2290 track features a large 24.5" x 26.25" chipper opening, a high-capacity stationary discharge system, and a variety of engines featuring as much as 440 horsepower. In this configuration, the 2290 Track can produce over 50 tons of chips per hour.

"Loggers are also seeing the advantage of having a self-propelled whole tree chipper compared to a towable unit," said Travis Lint, Bandit Industries Large Equipment Sales Manager. "They find it easier to position the self-propelled chipper on a landing, and it's almost a must for those loggers working in soft, hilly terrain."

Built-in loaders are a common addition, featuring backhoe-style units with a lift capacity of 1,750 lbs. and a reach of 112". The loader uses a continuous rotation grapple with a swing of 360 degrees, all operated from the operator's cab featuring electric-over-hydraulic joystick controls.

Another popular feature for Bandit's line of self-propelled equipment is wireless remote control, allowing for simple, convenient single-person operation.

www.banditchippers.com

Rugged mobile computer works in all weather

DRS Technologies has unveiled its newest ARMOR rugged mobile computer, the ARMOR X7 compact tablet. This all-new small mobile computer is specifically-designed for those mission-critical tasks that require connectivity, hand-held mobility, ease of use and the durability to support all-weather operations.

Built with integrated non-slip handgrips, the ARMOR X7 uses dual, hot-swappable battery options to exceed nine hours of operating time. It builds on many years of the company's experience in field service, transportation, rail and port facili-



ties, public safety, and other areas of challenging environments as well as the experience from its military and commercial personnel that have deployed the rugged mobile computers around the world.

The ARMOR X7 is certified to MIL-STD-810G for extremes in temperature, vibration, shock and drops. It is highly resistant to dust and moisture, earning an IP65 rating for ingress protection, while providing a 7" sunlight readable touch screen display. It includes a range of connectivity options such as Gobi 2000 WWAN, Bluetooth wireless, integrated GPS and 802.11 a/g/n WiFi, at a weight of only 2.8 lbs. It features a single-core Intel Atom processor N450 and runs Windows Microsoft Windows 7 Professional.

www.drARMOR.com/X7

Valmet equipment to carry Komatsu brand; Komatsu introduces new track feller bunchers and harvesters

Komatsu America Corp. has announced that products manufactured under the Valmet trademark have become full members of the Komatsu product family.

Valmet, the well-known brand of wheeled harvesters, forwarders and harvesting heads — and a pioneer in the area of mechanized logging — now carries the Komatsu brand.

Komatsu marketed cut-to-length products under the Valmet brand for seven years and will continue to focus on quality, cut-to-length machines.

“The first cut-to-length machine was introduced in the early 1960s, signaling the start of specialization in forest machine development,” said Norio Kido, executive vice-president, forestry products, Komatsu America Corp. “And now, with the global strength of the Komatsu brand, we will provide excellent value and service support to our forestry customers and dealers. We understand our customers’ needs and our dedication to technical innovation, combined with Komatsu’s industrial tradition, manufacturing technology and quality assurance, means we can deliver the best the forestry industry has to offer.”

Through its distributor network, Komatsu offers a state-of-the-art parts and service program to support the equipment, the company says.

In other Komatsu news, the company has also announced the introduction of a new series of Komatsu track feller bunchers and harvesters. The new forestry machines include the XT430-2, XT430L-2, XT445L-2 and the XT450L-2. The Komatsu XT series replaces the previously well-known Valmet brand FX/FXL series.

Built at Komatsu’s Chattanooga manufacturing operations facility in Tennessee, the new XT series maintains the solid reputation of the previous models but with improved serviceability, undercarriage design and maintenance. The new machine design is based on the industry-leading Komatsu Engineering Standard.

The XT series features numerous upgrades to the machines’ undercarriage for improved durability of the track system. Improvements to the undercarriage design include:



- Roller guards extended to the front and back with improved track shoe support plate clearance to reduce track chain side loading on uneven ground
- Cut-outs added to the track frame to reduce debris packing and improve roller maintenance
- Improved track drive sprockets with mud/snow relief to reduce packing
- New full length track slider plates provide greater larger surface area for extended life
- Two additional bottom track rollers have been added to the XT430L for better weight distribution and improved roller and track link life
- Increased XT430L idler recoil spring pre-load by 20 per cent to maintain better track tension and positive sprocket engagement

The machines' swing systems have also been improved in a number of ways. The swing drive now runs in a sealed grease bath for better pinion lubrication. In addition, improved gears with better hardening provide longer life.

An updated swing bearing with dowels and swing machinery pilot hole provide better swing gear alignment and easy adjustment when servicing. An additional grease fitting added to the swing drive case helps extend bearing life.

The XT series have been designed for improved servicing on the machine. The engine oil filter location has been moved to make it easier to change and swing bearing lubrication points have also been relocated for easier access.

www.komatsuamerica.com

Caterpillar launches new versatile 568 Forest Machine at Oregon Logging Congress

Caterpillar Forest Products introduced the new Cat 568 Forest Machine (FM) at the Oregon Logging Conference held in February in Eugene, Oregon. The 568 is said to deliver more performance—while consuming less fuel—than the Cat 330D FM model it replaces. Highlights include a 16 per cent increase in horsepower, more efficient hydraulics, longer track frames for more stability, and ground-level accessibility for maintenance.

Cat Forest Machines are versatile, purpose-built machines that can be customized to perform many forestry applications. The 568 is available in a general forestry configuration for roadbuilding, site prep and processing, and in a loader version for log loading, shoveling, butt-n-top loading and mill yard applications. The 568 is the largest in the four-model FM line.

Two pilot machines were tested on logging contractors' work sites in Washington and Oregon. Over 2,200 hours in total were logged on the machines by at least eight operators. Their feedback was critical to validating machine design and component life and fine-tuning features.



The 568 is powered by the new 319 nethpCat C9.3 ACERT engine, which provides increased power and torque as compared to the C9 engine in the 330D FM. The 568 also has more horsepower than competitive machines in the same class, says the company.

In designing the C9.3 engine to meet U.S. Tier 4 interim emissions regulations effective this year, new technology was incorporated to ensure that changes to meet emissions requirements would not reduce the life of the system, increase operating costs or reduce productive uptime. The new engine is more powerful and burns less fuel than the previous C9.

The electronic-controlled high-pressure air system includes a new turbo, a new cylinder head design and an integrated valve cover and thermostat. The fuel system includes a new high-pressure pump, electric priming pump, injectors and high-durability fuel lines. The standard fuel capacity has been increased to 317 gal.

The 568's hydraulic efficiency is 10 per cent higher than with the 330D FM. Pumps and other system components are improved and reduce parasitic power losses. The hydraulic valve arrangement and the resized and reshaped oil passages — unique to Cat hydraulic excavators and the 568 — enable freer oil flow. Operators will notice the machine runs more smoothly and responds more quickly, Cat says. Also, less engine effort is required to move oil through the hydraulic system, which translates into fuel efficiency gains of 3 to 5 per cent over the 330D FM, depending on application.

The Flexxair programmable reversing fan to blow debris out of the radiator and maintain optimum engine temperature, is now included as standard equipment. Also included as standard is the starting aid for cold weather, which includes two extra batteries, high capacity starter motor, heavy-duty cable, jumper start lines, ether aid and block heater.

The 568 structure is purpose-built for duty in the woods with a wide, tall, reinforced carbody, rugged swing bearing, heavy doors and extra guarding. Track frames are 13 in. longer than in the 330D, resulting in 18 per cent more stability and load handling performance. The upper structure weight and stresses are distributed evenly across 10 track rollers, as compared to nine track rollers in the 330D.

The excavator mass and reach linkages and purpose built log loader boom and stick sets are built for heavy-duty applications. Increased steel thickness on the rear and center section of the boom, the side sections of the stick, and internal reinforcement plates increase the durability of general forestry HEX linkage arrangements.

The 568 is available with either over/under or under/under log loader linkage with matching heel arrangements. Over/under (heel boom cylinder on topside of stick and stick cylinder on underside) provides more lift height, maximizes reach and tucks the heel up closer to the stick for more clearance for high-decking in a wood yard.

The swing priority circuit on the 568 uses a new electric valve that's operated by the machine's improved Electronic Control Module (ECM). Compared to using a hydraulic valve, an electric valve allows for more finely tuned control when loading or shoveling.

www.cat.com/forestry.