

**New PONSSE products at the SkogsElmia trade fair, 26–28 May 2011**

**Ponsse will introduce an extensive selection of new PONSSE forest machine technology at the SkogsElmia 2011 trade fair. New PONSSE products are made for challenging harvesting conditions – for harvesting that is efficient and productive and which does not damage nature. The new heavy-duty-size PONSSE Bear 8w harvester and PONSSE ElephantKing forwarder, the new PONSSE H5 harvester head, the PONSSE C44 crane and the PONSSE Comfort user interface have been developed based on feedback from professionals and over 40 years of experience. Come and see what the true pioneer of forest machines has to offer today!**

**NEW HARVESTERS FOR CHALLENGING CONDITIONS**

**PONSSE Bear**, the harvester for your heavyweight harvesting needs, is now also available as an eightwheel version. The extremely stable and efficient PONSSE Bear 8w is particularly suitable for slopes and otherwise challenging sites. The new **PONSSE C6** sliding boom crane further improves the abilities of the Bear by providing more stability, speed and power for the job. C6 is a member of Ponsse's popular sliding boom crane product family with a tradition of more than 20 years. The benefits of a sliding boom crane are especially evident on steep hills and when working on demanding regeneration felling sites with the H8 harvester head.

A very effective and ergonomic harvester, **PONSSE Ergo** has achieved a stable position in the sector. The effective yet economical Mercedes-Benz engine, the dual circuit hydraulic system, the sturdy and service-friendly structure and the best ergonomic features guarantee that the PONSSE Ergo will continue to be the most efficient upper mid-range harvester on the market.

As an eight-wheeler, harvesting with the PONSSE Ergo 8w is particularly effective on sloping sites and otherwise demanding terrain. The Ergo 8w can be equipped with balanced bogies to improve its hill-climbing capability. The surface pressure generated by the machine is lower than that of a six-wheeler, ensuring better carrying capacity on soft soil.

PONSSE Ergo harvesters are now also available with the **PONSSE C44** crane. The geometry of the PONSSE C44 parallel crane is designed on the basis of its popular little brother, the PONSSE C22, but its structures are built for heavy-duty operations. The new design combines the lightness and excellent efficiency of the hydraulically operated parallel crane, the easy use enabled by the carefully designed movement path and superior crane operation, as well as the power and durability Ponsse products are famous for.

The new **PONSSE H5** harvester head is a general harvester head especially suited for thinning and designed with particular attention to smooth multi-stemming. The large opening, long front delimiting knives and the correctly placed wide top feed roller intensify the thinning of single trees as well as the collection and handling of trunks during multi-stemming. The extremely fast yet economical feed and cutting guarantee high productivity under all operating conditions.

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## NEW USER INTERFACE

Drivers' ability to cope at work is extremely important both with regard to their own well-being and the productivity of their work. When designing the new **PONSSE Comfort** user interface, drivers were monitored during actual work and a number of possible solutions were tested to obtain the best possible ergonomics. The completely new and fully comfortable control handles, armrests, and switch consoles help increase the drivers' comfort and ability to cope at work over the hours, weeks and years.

The new user interface will become available in 2012.

## NEW FORWARDERS

The new **PONSSE ElephantKing** forwarder is designed for extremely demanding conditions and heavy loads. The ultimate tractive force, powerful engine and the staggering 20-tonne carrying capacity guarantee efficient timber transportation both on sloping sites and during long transports.

The exceptionally powerful PONSSE K100+ loader, the load space with a cross-sectional area of 6.25 m<sup>2</sup> and the flexible drive transmission and loader control system ensure the position of the PONSSE ElephantKing as the most effective loader on the market. The durable frame structure, strong bogies, sturdy cylinder-powered frame oscillation lock complete with the high ground clearance ensure smooth operation and carefree operating hours, even under difficult operating conditions.

The new **PONSSE Buffalo** forwarder is based on Ponsse's familiar and reliable solutions. A Mercedes-Benz 906LA engine, Sauer's hydrostatic transmission and 44° steering angle guarantee ultimate efficiency. In addition, Buffalo's productivity is guaranteed by a strong and reliable K90+ or K100+ loader, a spacious cabin, a variety of load space alternatives (including modifiable load space VLA), a two-part rear frame and a handy load space extension.

The new PONSSE Buffalo has new front and rear frames which have been designed paying special attention to ease of service. A new cast middle pivot, a reliable and sturdy cylinderpowered frame oscillation lock and new reinforced bogies ensure that the reliable Buffalo will serve you in logging for a long time.

Furthermore, the new Buffalo includes a coloured forwarder display (except in machines equipped with Opti), a new cabin air conditioner system and several other new features that make Buffalo easier to service and more comfortable to use.

## PONSSE BIOENERGY PRODUCTS

**PONSSE Bioenergy products** make harvesting of energy and small wood flexible and effective. **The multi-stemming method** allows multiple trunks to be handled at the same time and thus improves the harvesting efficiency. The PONSSE harvester heads allow multi-stemming operation for trunks up to the diameter limit of the log, whereby the method is not limited to low-yield stands of a small diameter. By means of the multi-stemming function, industrial and energy wood can be harvested simultaneously, thus increasing the yield. All standard PONSSE harvester heads of different sizes are suitable for multi-stemming either as such or with minor optional equipment. The **PONSSE EH25 energy wood harvester head** is specially designed for locations where feeding and delimiting are not needed.

Load scale **PONSSE LoadOptimizer** is recommended for the forwarder for weighing the timber. Ponsse's **mechanically or hydraulically modifiable load spaces** bring a new type of flexibility and efficiency to the harvesting of industry and energy wood.

## INFORMATION SYSTEM PRODUCTS

Designed for forest machine training, the new **PONSSE simulator** is available with both harvester and forwarder functions, and, in addition to forest machine work, training can also be provided for PONSSE's Opti and OptiControl measuring and control systems. The simulator includes several ready-made practice exercises that students can use to improve their skills. **The new version of the Opti information system, 4.710**, includes many features that make harvesting more efficient, such as reporting of multi-stemmed trunks, new logics facilitating multi-stemming, expanded OptiReport hardware, operator profitability monitoring, and operator-specific selection of the diameter measuring method either at the front knives or at the feed rollers. The 4.710 version also includes new drive transmission control settings operators can use to improve the stability of driving based on the conditions and their personal preferences. The new program version of the OptiLoadOptimizer load scales, 1.2.3, also includes a number of functions that make horizontal measurement work easier.

## SERVICE AGREEMENTS

With a **PONSSE service agreement**, a forest machine entrepreneur can outsource the desired harvesting machinery maintenance to Ponsse to ensure high availability of the machines. Any hidden defects detected in connection with scheduled maintenance will be repaired to minimise sudden breakdowns while working. There will be no waiting for spare parts or unnecessary standstills.

**PONSSE Fleet Management** is a tool for real-time monitoring of the machines. Using a Web browser, a machine entrepreneur can at any time check the location of the forest machine on the map or the current situation of the stand.

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**READ MORE ABOUT PONSSE'S NEW PRODUCTS AND NEW SERVICES  
in Product News 2011 bulletin and at [www.ponsse.com](http://www.ponsse.com)**

**PRESS PHOTOS: [www.ponsse.com/press](http://www.ponsse.com/press)**

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*Ponsse Plc specialises in the sales, production, maintenance and technology of cut-to-length forest machines. Its operations are guided by a genuine interest in its customers and their business operations. The company develops and manufactures innovative harvesting solutions that follow the principles of sustainable development and are based on customer needs.*

*The company was established by forest machine entrepreneur Einari Vidgrén in 1970, and it has been a pioneer of timber harvesting solutions based on the cut-to-length method ever since. Ponsse is headquartered in Vieremä, Finland. The Company's shares are quoted on the NASDAQ OMX Nordic List.*