

NEW PONSSE PRODUCTS IN SKOGSELMIA

The Ponsse Road Show has toured round Europe since the beginning of 2007 – stopping at 30 locations in 13 countries. The SkogsElmia 2007 exhibition in Jönköping, Sweden, will be the last stop of the tour. The event will offer a unique opportunity to see the latest PONSSE products demonstrated by experts. In addition to the giant Bear harvester and Elephant forwarder, we will demonstrate our forest machine models, including the PONSSE Dual with its full bioenergy equipment.

NEW PRODUCTS:



- The PONSSE Ergo harvester which has gone through an extensive development programme
 - Group handling function for harvester heads
 - New PONSSE LoadOptimizer load scale
 - PONSSE Opti2 harvester head control system for harvesting eucalyptus trees

Improved PONSSE Ergo

Active feedback by our customers has introduced a number of improvements to the PONSSE Ergo. PONSSE Ergo, an established forerunner, is now even more efficient and productive harvester. The new C4 crane, H7 harvester head and general improvements to the machine together with the new Opti4G 4.602 version and the new-generation control modules make the machine the most advanced harvester in its size class. Driving comfort is guaranteed by the new active damping system patented by Ponsse. Operating comfort has also been developed. The PONSSE Ergo is fitted with the most versatile crane (sliding boom crane HN125, HN200 and the new C4, and parallel crane C33) and harvester head models (the H60 series, H73e and new H7) in the markets. Available in October 2007.

New PONSSE H7 harvester head

PONSSE H7 is a new harvester head based on the advanced technology of its big brother PONSSE H8. Its structure integrates numerous innovative solutions that enable faster harvesting, improve the end-product quality and increase the harvester head service life.

PONSSE H7 is superior in its efficient feeding and fast delimiting. The harvester head provides enough feed power to handle larger trees. The maximum feed roller opening is 650 mm and its unique grip geometry makes the handling of large stems easy. The firm grip on trunks and the highly powerful feeding work hand in hand with the feed rollers and blade grip pressure, which can be freely adjusted during operation. It also includes many other innovative features, such as reliable radial piston motors, adjustable grip pressure for initial feed stages, lock connection of feed motors, ingenious control functions for front and rear delimiting blades and feed rollers, controlled feed acceleration and deceleration reducing feed damage. The PONSSE H7 harvester head has a short frame compared to its size and it handles curved trees skilfully.

The effective and easy-to-use PONSSE H7 harvester head provides a self-adjusting and adaptive feed to the sawing window, which speeds up harvesting significantly and ensures excellent sawing efficiency. The easy-to-use automatic features control the saw motion according to the tree diameter and blade position, and guarantee fast cutting. While it increases sawing efficiency, it also increases the service life of the blade and the chain. Saw control calibration is achieved simply by the press of a button. The tilt force and speed are based on its superb geometry. The motion is exceptionally smooth and soft, reducing the amount of strain directed to the harvester head. The tilt also allows you to use the floating function. Available in October 2007.

New PONSSE C4 harvester crane

PONSSE C4 is a new efficient sliding boom crane with a lifting power of 228 kNm. C4 is delivered with an external or built-in hydraulic hose set. At our customers' request, the boom head has been developed so that it allows the use of a multi-plate swing damper at the top of the pivot, due to which the harvester head can be used in a quicker and more controlled way. The hose output at the crane head has been developed so that the rotator can move more freely without straining or damaging the hoses. Available in October 2007.

Group handling equipment for PONSSE H7 and H53 harvester heads

PONSSE introduces a simple and functional solution for handling several trunks simultaneously using the H53 and H7 harvester heads. The function is based on articulated rear delimiting knives that enable simultaneous harvesting, delimiting and cutting of several trunks as a bundle. Thus, for example, the harvesting of energy wood is faster and more efficient than with single handling.

PONSSE Load Optimizer

The completely new PONSSE Load Optimizer is a precise, durable and easy-to-use load scale. It is suitable for accurate weighing of lumber, energy wood, harvesting residues and any other material during loading or unloading. The use of the PONSSE Load Optimizer does not require any complicated procedures. Instead, the load is weighed automatically without any operational breaks while using the loader.

PONSSE Opti2 harvester head control system for harvesting eucalyptus trees

The new PONSSE Opti2 is a measurement and control system for PONSSE 550, 650 and 750 harvester heads. It contains all of the required functions for efficient harvesting when a comprehensive bucking data system is not required. Special attention has been paid to the functions required by the harvesting of eucalyptus and acacia. PONSSE Opti2 consists of the screen unit, control module, control handles and operating wheel used for controlling the system. Due to the complete installation package, simple structure and clear user interface the device is easy to install, adjust and use while being an efficient and versatile measurement device.

Ponsse at stand 528 – Welcome!