Efficient harvesting of energy wood!

The economical harvesting of energy wood calls for effective, productive methods. PONSSE Bioenergy products make the harvesting of energy and small wood flexible and efficient. Energy wood can be harvested simultaneously with industrial wood, cut separately, or the harvesting equipment can be harnessed solely for the harvesting of industrial wood, where necessary.

Get familiar with PONSSE Bioenergy solutions: www.ponsse.com/bioenergy
PONSSE EH25 energy wood harvester head is a simple, powerful tool especially for harvesting raw energy material during timber stand improvement felling. Thanks to its multi-stemming feature, guillotine cutting method and easy user controls, PONSSE EH25 is a profitable solution when no feeding and delimbing are necessary.

It is easy to manage the harvester head even in confined harvesting sites, because its centre of gravity is sufficiently far away from the boom tip. Thanks to the grapple’s powerful tilt feature, harvested bundles can be held in the vertical position, which facilitates work under difficult conditions, and prevents harvest damage to the residual tree stand. The tilt position can be controlled to any angle. PONSSE EH25 can be installed to different base machines. EH25 has excellent geometry so loading can also be performed easily and efficiently.

With PONSSE harvester heads, multi-stemming is performed with the control function of delimbing knives and feed rollers: the rollers hold the previous trunk in place while the knives grab a new one. After that the rollers open and close gathering the new tree, and thecontrol handles. The operator can control all collecting features by the push of a button. Finally, the bundle is assembled as whole trees or it is delimbed by feeding the bundle through the harvester head, where necessary.

The size of the harvester head is chosen according to the size of the trees to be handled. A strong harvester head, equipped with a large opening, is naturally able to handle larger trunks better. When the diameter of the trunk is small, a smaller and lighter harvester head can be used. The firewood should preferably be equipped with a load scale for production data recording.

PONSSE LoadOptimizer load scale is a solution for weighing loads. It weighs, sorts, saves and manages load data automatically during the work.

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PONSSE LoadOptimizer load scale is an official timber measuring method, and load data can be printed or transferred to customer information systems using a USB memory stick. The load scale’s display unit is fully dustproof and waterproof. The measurement data is designed to reduce errors and increase accuracy. In addition to PONSSE loaders, the PONSSE LoadOptimizer can be installed in the majority of other loaders.

PONSSE LoadOptimizer load scale automatically measures trees harvested with the multi-stemming method when unloading, and weighing can be done by batches and timber grades. Timber grade selector switches to be installed in the control handles are available as optional equipment.