

Get Familiar with Powerful Forest Machinery Technology.

The benefits provided by the cut-to-length system of mechanical timber harvesting, developed in the Nordic countries, have been noticed everywhere and the technique is rapidly gaining ground worldwide. Presently,



the cut-to-length system accounts for some 30 per cent of the world's mechanical timber harvesting. The single biggest advantage involved in the method is the machines' great productivity per unit and the environmental friendliness compared to the competing systems. Additional benefits include the advanced information systems of the forest harvesters. These systems enable cutting the trunks to a specified length, required by the end-user, right in the forest.

The fundamental know-how in the cut-to-length system consists of the seamless cooperation between the operator and the machine, the correct working method and the quality of lumbering. You improve your skills only by practicing; either in natural circumstances or virtually by means of a harvester simulator.

In a Sustainable Manner.

The Ponsse 3D Simulator allows you to get familiar with the forest harvester operation in a virtual manner. The operator receives continuous feedback on his performance. The computer analyzes every operator's performance. This will provide an opportunity to review the quality of work per work stage, working technique



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PONSSE 3D SIMULATOR



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osimir VR | Mod | PonsseHS10PonsseHN125PonsseH73 | WDSensor | Latas | VR | Ponsse | Opti | End |
 ras: Fenster HfE



PONSSE

3D SIMULATOR

Add power to your training.

State-of-the-Art Learning Technology

The Ponsse 3D Forest Harvester Simulator stands at the cutting edge of forest machinery technology. The simulator has been especially designed for forest-machine training purposes. The technology involved supports Ponsse Opti and OptiControl measuring and control systems. The Ponsse 3D Harvester Simulator is especially suited to forestry colleges and companies in the field.

Virtuality Supports Effective Learning

The Ponsse 3D Simulator has been designed to guide you through the entire process covering the areas of principles of forest harvesting, features of instruments, machine control and related settings. The virtually-generated conditions match well with normal machine operation. The operator works the simulated harvester from a real cabin and he can make

have been set to equal authentic conditions. Thanks to the simulator-integrated Ponsse Opti measurement system, the operator can also have a go at optimization.

Graphics and User-Friendliness

The simulator has been designed to provide the ultimate in reality reproduction and user-friendliness. The trainees can practice skills required in operating and controlling the forest harvester any time without the aid of an instructor. The same sense of reality is also present in the training concerning the measuring instrument features. When required, you can have the Opti display projected on the screen. This enables training of several people at the same time.

Boost effective learning.

Effectiveness and Savings

Training operators by simulation is effective and above all, cost-effective. Adequate practice before any hands-on training in forest conditions is easy on both machine and forest alike. In an enterprise setting, the simulator training frees the machine stock to more productive operation during the training period.



PONSSE
3D SIMULATOR SPECIFICATIONS

Dimensions in operational setup

Length:	1 530 mm (60 in.)
Width:	1 270 mm (50 in.)
Adjustable height:	2 100 - 2 400 mm (82 - 94 in.)
Distance to screen:	4 000 mm (157 in.)
Maximum weight:	250 kg (551 lbs)

Dimensions in transport setup/equipment-half

Length:	1 530 mm (60 in.)
Width:	740/650 mm (29/25 in.)
Height:	1 170 mm (46 in.)
Weight:	150 kg (331 lbs)

Imaging

Parabolic screen	
Width:	1 800 mm (71 in.)
Height:	1 300 mm (51 in.)

Video projectors (2)

Luminous efficiency:	more than 1,000 ANSI lumen
Contrast:	300:1 or better

Measuring instrument system

Ponsse Opti 4G

Control system

Ponsse OptiControl

Accessories

- Ponsse Caliber measuring calipers
- A4 Color Printer
- OptiComm Data Transmission Equipment
- OptiGIS Harvester Mapping Software System
- Opti PlanViewer Harvesting Instructions Viewer

Manufacturer reserves the right to make technical changes and improvements.



The simulator is constructed into a package allowing moving by wheels and fast dismantling for transport.

All Ponsse forest machines are made in Finland.

Dedicated to Excellence

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