

# Simulator PONSSE



# PONSSE simulator – an effective tool for operator training



PONSSE simulators represent the latest technology in forest engineering.

They enable training on all types of logging equipment:

- Harvesters
- Tracked harvesters
- Forwarders

An indisputable advantage is the original control system.

# Wide functionality:

- 1. Creating a variety of exercises:**
  - a. mastering the controls;
  - b. using harvester head;
  - c. using crane and loader.
- 2. Different types of logging with Ponsse machines: including crawler-based machines with joystick and pedal installation used in excavators:**
  - a. clear cuts;
  - b. thinning.

Also suitable for tracked machines with installation of joysticks and pedals used in excavators:

- 3. Operation of VR glasses, allowing you to get as close as possible to the conditions of real logging**
- 4. SimTrainer program, thanks to which you can develop a system of step-by-step exercises for the operator.**
- 5. Studying the settings of measuring instruments of the machine for further control and diagnostics of failures.**

# SimTrainer – a training control system



**SimTrainer** – is a unique system that supports the use of PONSSE simulators.

It allows you to organize training by dividing courses into logical parts.

Such parts may include training materials (text, images, video) and different levels of exercises on the simulator.

# Support for all types of joysticks

PONSSE simulators are optionally equipped with quick-release joysticks for harvester and forwarder operators.



Comfort ball  
harvester  
joysticks



Mini stick  
forwarder  
joysticks



Tracked harvester  
joysticks and  
pedals



Watch a short video demonstration of the simulator on the Ponsse YouTube channel



# Technical Specifications

- Computer simulation unit;
- Graphic card NVIDIA GeForce GTX 1070;
- Intel Core i5-8600K CPU 3.60 GHz;
- 8,00 GB RAM;
- On-board computer Opti8 (as in PONSSE machines);
- 3 FULL HD monitors 55”;
- Windows 10;
- GPS, Wi-Fi, Bluetooth, GPRS;

## Standard configuration

### Components

- 3 pcs. FULL HD monitors 55 inches;
- Computer unit for simulation (Windows 10 OS);
- Stationary computer Opti 8
- Joystick PONSSE Comfort 2010 Ball (harvester);
- Original Ponsse Seat; Touch interface "Sim Panel".

### Software

- Machines simulation:
  - PONSSE Scorpion
  - PONSSE Ergo 8W
  - PONSSE Cobra 8W
  - PONSSE Buffalo
- PONSSE Opti 4G
- PONSSE Eco Drive
- PONSSE Load Optimizer
- Training software SimTrainer.



## Optional configuration

### Components

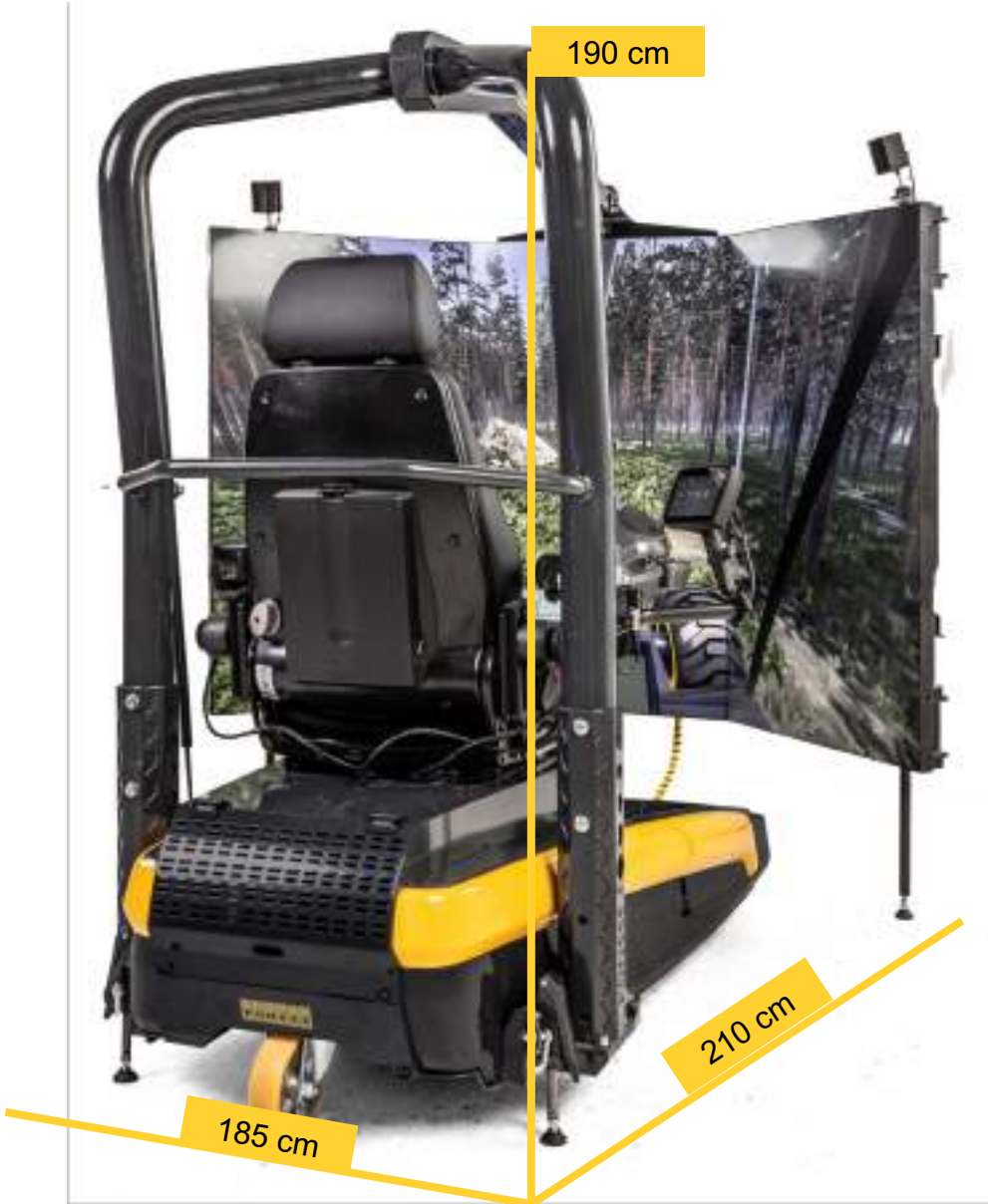
- 3 pcs. HQ FULL HD monitors 55 inches
- Excavator joysticks
- Excavator motion control pedals
- VR360 HTC Vive virtual reality glasses
- Printer for printing reports (Canon IP100)
- Ponsse Caliper3
- Opti 8 computer
- Joysticks PONSSE Comfort 2010 Mini (forwarder)

### Software

- Harvester excavator simulation soft
- PONSSE Opti Office 2
- PONSSE Opti Map 2



# Dimensions



**297 kg**  
as standard

<b>Transport dimensions:</b>	
<b>Height, cm</b>	<b>160</b>
<b>Width, cm</b>	<b>90</b>
<b>Length, cm</b>	<b>178</b>
<b>Weight, kg</b>	<b>297</b>





# Contact us

We are ready to answer all your questions and provide the most detailed information.

## Valhalla Equipment

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