

Creanex

Solutions for your challenges

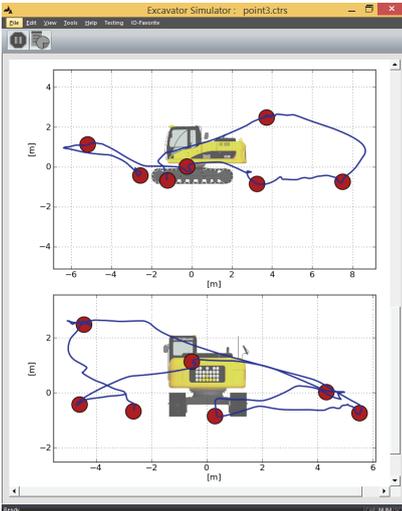
EXCAVATOR SIMULATOR



- COMPACT STRUCTURE - EASY TO USE AND EASY TO MOVE
- BUNDLED WITH NOVATRON 3D MACHINE CONTROL SYSTEM
- INCLUDES NUMEROUS CAREFULLY DESIGNED EXERCISES

Creanex excavator simulator is a comprehensive excavator training tool. Detailed simulation and realistic rendering of work environment create a true hands-on feel of a true work assignment. Authentic excavator controls and adjustable seat complete the realistic work experience.

The simulator has been designed to cater for the individual progress of each student. Specific skills can be trained by creating specific exercise cases, which could prove very difficult to produce on location with an excavator. The simulator produces detailed feedback that could not be retrieved from an actual excavator.



Novatron Machine Control System

The simulator is bundled with the Novatron Machine Control System software. Authentic sensor data and GPS signal are simulated to enable full use of the system. The use of the control system is easy to learn with specific control system exercises.

Reporting

The excavator simulator collects data of all user actions, analyzes it, and produces a report of the success. The performance will be scored by multiple criteria. The instructor can see the main results at a glance and use the data to further personalize the training, to adjust the requirements, and to create new exercises.

Training Package

The excavator simulator can be equipped with the SimTrainer training software. SimTrainer provides instructors with a ready-made training framework, and allows easy follow up of each student's advancement. The training package includes 40+ complete simulator exercises, which develop all the necessary competencies, such as machine control, driving and excavation, as well as the use of the Novatron system.

Compatibility

The simulator handles can be swapped easily without tools, so the same platform can be used to train on other Creanex machine simulations. Ask Creanex for more info about the compatibility.

CREANEX OY

Creanex specialises in the comprehensive technology services of working machines. Our customers include globally operating leading manufacturers of working machines; examples of their products are forestry machines as well as earth moving and mining machinery. The services offered by Creanex cover mechanical, hydraulic, and automation engineering. In addition, we design and manufacture working machine training simulators and test environments for working machine control systems.

The cornerstone of our engineering is to utilise the potential of new technologies to produce functional solutions that meet the needs of the application. If necessary, we will develop a functional overall solution of your idea.