

BOOMER E2 C SIMULATOR

Play it safe

Atlas Copco



Go real

Let your skills take off with state-of-the-art simulation

There are no shortcuts to success. To achieve a result you need skills. This takes training, experience, involvement and long hours of practice at the rig's controls. Now you no longer need to compromise production plans while your operators achieve the skills they need.

In our amazingly lifelike and sophisticated training simulators, operators are given plenty of time to practice on machinery and systems – before they enter the real world.

The simulators, available for a whole range of applications, have great benefits. Simulator training does not rob valuable time from production. It is also very safe and quickly improves the operators' ability to master the machine, right from the start. We are looking at original Atlas Copco cutting-edge technology, integrated in our state-of-the-art simulators. This is as close to reality you can get.

Take your seat behind the controls, press the start button and get ready to master the machine. Play it safe, enjoy and let your skills take off.

The light simulator has the same functions as the cabin simulator, and with this unique design you can easily fit a simulator into any classroom.



Original cab

Replacement kits for flexible setup

Boomer E2 C simulator

The Boomer E2C simulator is designed with a number of training scenarios where you can increase your machine skills. The simulator has all original components and control systems integrated as on a real machine. The integrated RCS system functions just like the real machine giving you the opportunity to learn and use all the features with this advanced control system.

This simulator is valid for the following products:

- Boomer E1 C
- Boomer E2 C
- Boomer E3 C



Cab cam

Scan to watch movie.



Available in your local language

Original controls and control system integrated

Simulator management system



True-to-life simulator

Atlas Copco simulators are built from the engineering plans of the real machine. All programs and controls are real machine components, giving you the exact feeling of using actual Atlas Copco equipment.

To create a realistic field of view, and a more immersive experience, the Atlas Copco simulator uses the same cab as with the real equipment. Inside the cab, there is a multiple LED screen system, displaying real-time simulation. To take advantage of

the current session, a large screen is mounted outside the cab, enabling a small group of operators to watch and learn.

All functions, including the Atlas Copco Rig Control System (RCS) are fully functional, ensuring that the operators are well prepared for reality.

The simulators include full documentation regarding manuals and quick start-up guides; they can also be remotely updated and fault diagnostics can be monitored over the internet.

Challenge your performance

In the pre-designed scenarios you get instruction on how to operate your machine in the best way possible. The scenarios, with increasing complexity, will take you from safety and startup procedures up to advanced performance. In each scenario you get instructions on how to operate and carry out all actions.

As you get more experienced you can choose to hide the instructions. You will get performance statistics from the integrated simulator management system (SMS) throughout your performance in the simulator.

Available scenarios for increased machine skills

- Advanced drilling 6x6
- Advanced drilling 10x10
- Basic drilling
- Bolting
- Cross cut drilling
- Extension drilling
- Laser navigation
- Mine navigation
- Positioning
- Freemode
- Setup and positioning
- Surface tramming
- Underground tramming



Setup and positioning



Positioning



Basic drilling



Advanced drilling



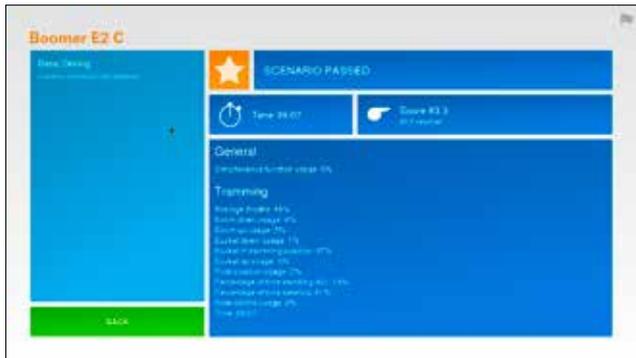
Laser navigation



Underground tramming

A bird's-eye view of simulator training

The simulator management system (SMS) is a learning-focused system that enables the instructor to define the prerequisites for any simulator exercise and maintain a suitable learning path for the operator in training. The SMS provides a bird's-eye view for both the operator and the instructor. It provides the instructor with the ability to monitor the progress of each operator in real time and detect when someone may need further instructions.



Features

- Management system to create suitable learning paths
- Real time monitoring for the instructor
- Manage operators and simulators
- For both individual and group training programs
- Local and web-based management system
- Follow up with statistics and final results
- Multilingual system

Individual training program

- Follow up
- Statistics from all scenarios
- Individual training programs

Group training program

- Individual training (depending on background and experience)
- Follow up
- Statistics from all scenarios

Replacement kits

Flexible setup

With smart replacement kits you can easily switch our simulators to use them for different applications. You can go from hydraulic Direct Control System (DCS) to Remote Control System (RCS) equipment as well as from production drilling to face drilling. Replacement kits provide you with a flexible simulator that will enjoy high utilization.





Go for gold

The Atlas Copco Master Driller program for mining and construction, where the simulator is a feature, is designed to help operators perform at 100% of their ability.

The Master Driller program combines theory and practical training for operators on three distinct levels – Bronze, Silver and Gold. The program is built around the many conditions and tasks that operators face in mining and construction operations.



Local language

The Atlas Copco simulators can be configured for operation in your local language. This language support includes translated instructions on simulator displays, manuals, start-up guides, and SMS and RCS displays.



Features



- Original cab
- Available in your local language
- Replacement kits
- Original controls and control system integrated
- Simulator management system

Benefits



- Training in a safe environment
- No interference with mine production
- No fuel or power consumption
- 24/7 training possibility

Please contact your local Atlas Copco Customer Center for more information.

COMMITTED TO SUSTAINABLE PRODUCTIVITY

We stand by our responsibilities towards our customers,
towards the environment and the people around us.
We make performance stand the test of time.
This is what we call – Sustainable Productivity.

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