



# XSITE PRO

## EXCAVATOR CONTROL SYSTEMS

Improving the productivity and accuracy of your work at every stage of your construction projects.



# Xsite<sup>®</sup>

## EXCAVATOR CONTROL SYSTEM

No need for paper plans, manual grade checking or jumping on-and-off the machine!

Xsite<sup>®</sup> PRO 3D enables doing the work correctly at the first time, avoiding overcuts or undercuts. Work with centimetre accuracy without unnecessary interruptions. All the project information and designs are displayed to the machine operator in real-time, in an easy-to-follow visual format.

Xsite Machine Control can be installed on any excavator.

- Minimal downtime thanks to quick and easy installation of the system
- Simple commissioning and calibration
- Intuitive, clear presentation of information thanks to our sunlight-readable, full-color 8.4" display and operating unit with touch function
- Clear, continuous monitoring of work progress from the driver's cab



# THE PERFECT SOLUTION FOR MORE EFFICIENT EXCAVATION

MOBA excavator control systems enable a smooth and efficient construction site operations. Your personnel no longer have to remain in the construction area and can be scheduled for other tasks. This increases safety on the construction site, especially in areas with poor visibility.

With our systems, up to 90% of the surveying work on your construction site can be reduced, as manual control measurements and thus a possible source of error are completely eliminated. Successful project completion is guaranteed thanks to the efficient use of your machine.

Excavator work can be optimally planned and recorded by you and you also save up to 20% of your machine's fuel consumption. MOBA excavator control systems therefore not only increase productivity, but also the profitability of your company.

MOBA excavator control systems are customised to your needs. Whether simple or complex work, the system supports you precisely in your work, both in 2D and 3D. We have the right solution for every application.



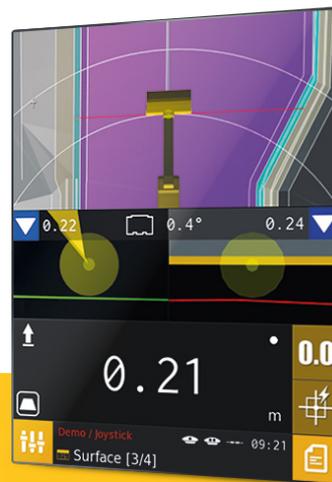
**90%** OF THE SURVEYING WORK  
CAN BE REDUCED

# THE BENEFITS OF THE XSITE PRO 3D

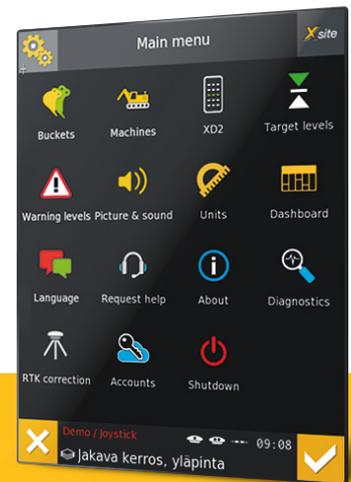
- **Bucket position always known:** Precise information about the bucket height and distance to the target cavity.
- **Working under water:** Xsite uses the latest G2 sensors, which are completely water-proof.
- **Creating simple models:** The integrated modelling tool can be used to create simple 3D models, e.g. trenches or excavations, which can be used as a working reference.
- **Greater safety thanks to warning levels:** Xsite warns if the bucket or boom is deflected too high or too far.
- **Remote support:** The local service partner can provide support without being on site.
- **Support for tiltrotators:** Connecting tiltrotators to the Xsite system enables precise measurement, regardless of bucket angle or position.
- **Using the laser reference:** The laser receiver allows the machine to be moved without losing the reference height.
- **All models at a glance:** Digital terrain models, lines, points and background maps can be shown simultaneously on the display.
- **Storing as-built data:** The documentation of pipelines or created surfaces, for example, can be realised directly with the machine.
- **Cloud service:** Xsite PRO is compatible with third-party providers for cloud solutions, e.g. for data transfer and fleet management
- **Joystick integration:** Various system functions can be operated directly from the machine joystick
- **Import 3D terrain models:** Xsite Pro enables the import of complex design files using standard file format.



3D EXCAVATOR  
MODEL



BUCKET'S  
POSITION VIEW



MENU  
OVERVIEW

*„This speeds up the construction process remarkably - No need for manual grade checking or waiting for a surveyor to visit the site. A built-in guide helps you through the process step-by-step, so you can put your time to productive work!“*

*„Xsite PRO is compatible with third-party software such as BIM cloud providers. Various openBIM data formats can be used without conversion or compatibility issues.“*

*„You’ve received 3D models for a project from the designer, but models for the pipe trenches are missing? No problem, with Xsite PRO you can easily add selfcreated 3D models to project designs.“*



## 3D IN SMALLER PROJECTS

Xsite Pro enables you to harness the efficiency of 3D machine control even in smaller projects. The operator can easily create e.g. a simple model for house foundations using the built-in model tools.

This speeds up the construction process remarkably - no need for manual grade checking or waiting for a surveyor.



## TRANSFORM IT TO YOUR LIKING

Customizing the system's UI and views to serve your needs on site is made simple and easy.

### CUSTOMIZING OPTIONS

- Edit dashboard layout
- Show/hide main view elements
- Set user profiles
- Set quick button functions
- Edit LED-display setting
- Change measuring units

## BEST SUPPORT GUARANTEED

With remote support, your local Xsite support personnel can access your machine control system wirelessly, without visiting the site.

The support personnel can see your systems view on their own screen and operate the system remotely in real time.

Additional user training is always available remotely or on site.



# CLOUD SERVICE FOR INFORMATION AND FILE TRANSFER

# XSITE OFFICE

Always work with the latest project plans. Xsite Office is a web-based, free cloud service for processing files and information. Wireless data transfer enables the right information to be in the right place, in real time.



## ADVANTAGES

### AUTOMATIC FILE SYNCHRONISATION

Automatic file synchronisation ensures that all machines have the same, up-to-date models.

### WEB-BASED SERVICES

Xsite Office can be used on your device without installing any additional software.

### QUALITY CONTROL

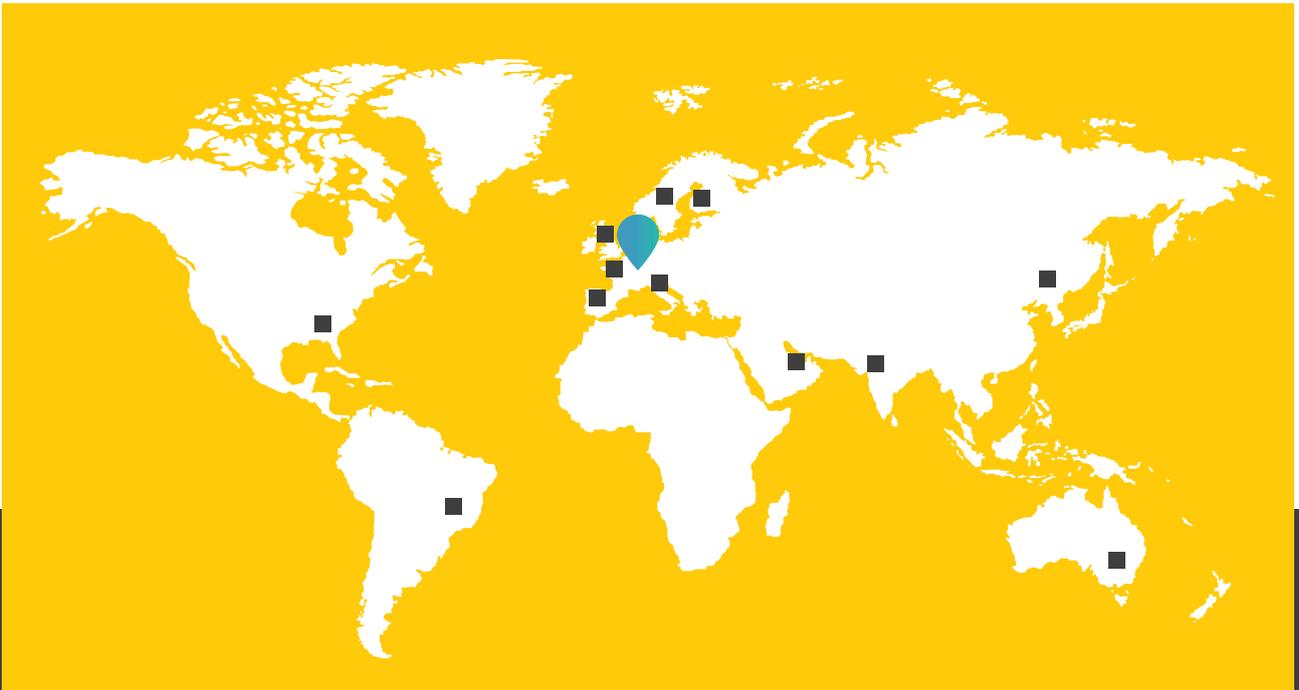
The data export of Xsite Office supports all open (openBIM) data formats. This enables the export of as-built data from specific layers, machines and time windows.

# MOBA GROUP

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The MOBA Group has been a major player in mobile automation for more than 50 years. Our know-how and experience make us a globally recognized expert. We develop and produce innovative machine control systems, identification and mobile weighing technologies, as well as flexible software solutions. MOBA components and systems are also used in areas where robust and reliable sensors, controllers and control units are needed.

**First Choice In Mobile Automation** – our vision since 1972



## CONTACT

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