XSITE **PRO 3D** SYSTEM

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WORK EASIER, FASTER AND MORE SAFELY WITH MACHINE CONTROL

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

Xsite **PRO 3D** enables doing the work correctly at the first time, avoiding overcuts or undercuts. Work with centimeter 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.
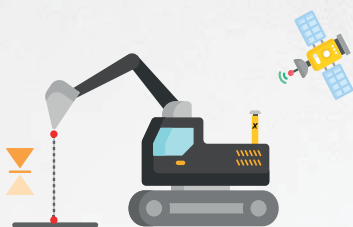
Xsite Machine Control can be installed on any excavator.
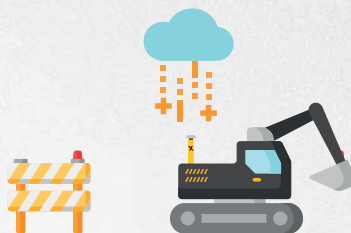
TAKE FULL ADVANTAGE
XSITE PRO 3D

BENEFITS OF XSITE PRO 3D MACHINE CONTROL

NO OVER- OR UNDERCUTS

With Xsite PRO 3D, you'll always know exactly how much to cut or fill. Material and transportation costs decrease as extra materials are no longer needed.

STAY CONNECTED

Always work with latest project plans. Desing models can be uploaded to the system with wireless data transfer automatically, so you can concentrate on productive work.

INCREASE PRODUCTIVITY

Machine control system guides the machine operator in attaining the target plane quickly and easily. When the job is carried out properly the first time, you can save time, materials and fuel.

MOBA
MOBILE AUTOMATION

BEST USABILITY FOR EVERY PROJECT

Whether you are working on a small construction site, or a large project with 3D
design models, Xsite PRO 3D will make your work easier, faster, and more accurate.

THE BEST USER EXPERIENCE

Xsite PRO 3D's easy-to-use and intuitive user interface, real-time information and professional support guarantee the best possible user experience.

With Xsite you'll do your best work yet!

UNBEATABLE EFFICIENCY

Xsite's compact G2 sensors offer extremely fast and accurate measurement. The rugged design also enables underwater usage.

BUILT-IN USER GUIDANCE

Xsite PRO is full of intelligent features to make your work easier. Easy-to-follow guides are available throughout the system, helping you to utilize all the features you'll need to make your work more efficient.

EASY TO USE.
FOR REAL.

XSITE PRO 3D OFFERS EASE OF USE WITH INTELLIGENT FEATURES, REAL-TIME INFORMATION AND BEST CUSTOMER SUPPORT.

XSITE PRO 3D - USER INTERFACE

CHANGE ACTIVE MODEL

Change quickly between different 3D models on your project. No need to browse through menus.

PROFILE VIEW

The profile view shows your bucket's position in real time, in relevance to the shape/cut profile of the selected surface model.

MEASURING VALUES

The system's dashboard shows you the numerical values of your measurement. e.g. how far the bucket is from the desired level.

PROJECT INFORMATION

The status bar shows relevant project and system information.
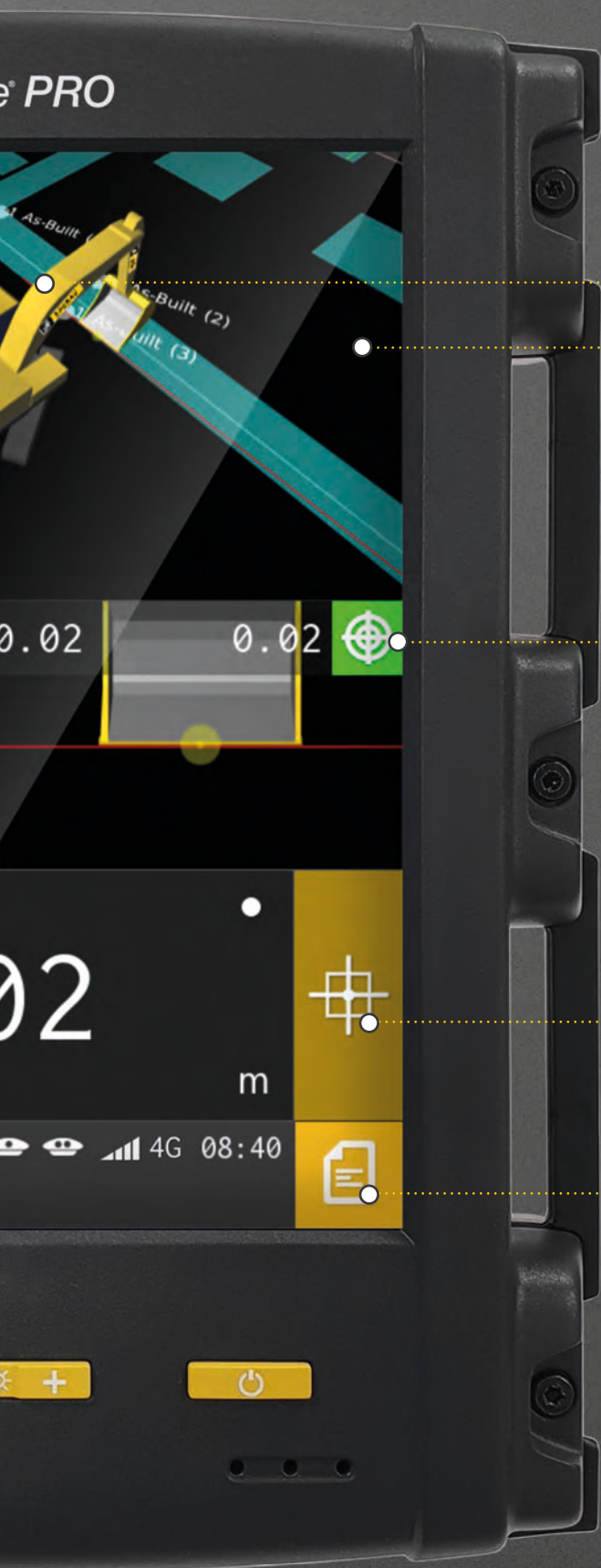
SYSTEM MENU

Easy access to main functions and customization options of the system.

Customizable Views

Xsite PRO 3D's user interface can be easily customized to suit the operators needs.

YOUR MACHINE

A 3D model of your excavator visualizes movements, heading and the exact position of your machine on site in real-time.

MAP VIEW

The map view shows you your project and the location of your machine in real-time. You can change and adjust the view easily to your liking.

You can also select 3D models by "point and pick" directly from the map view.

CUT / FILL GUIDANCE

Bucket corner indicators give you real-time information about the height difference between your bucket and the surface.
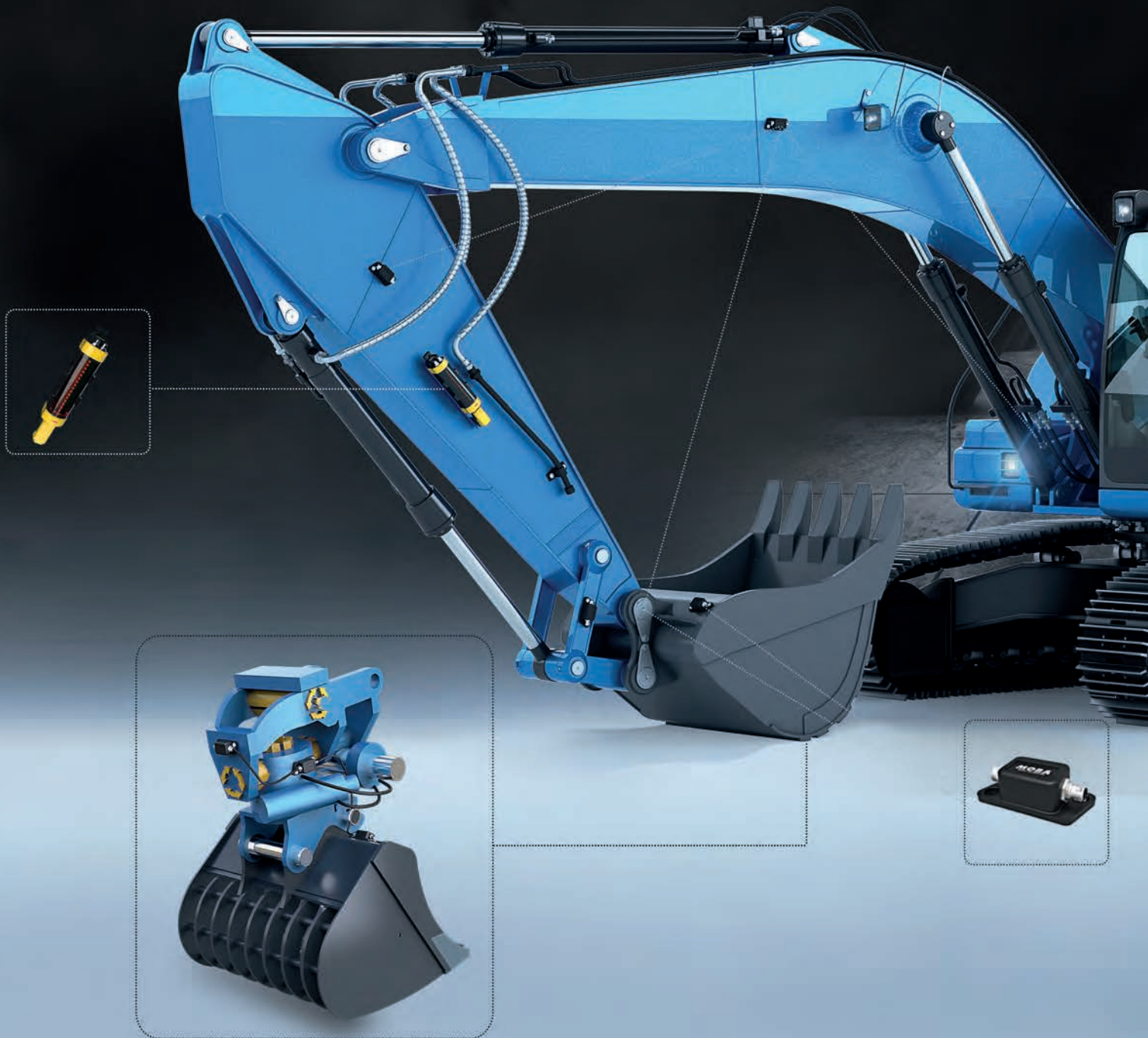
QUICK BUTTONS

Set different functions to quick buttons to be used quickly without accessing menus. e.g. saving an as-built point or resetting your height reference

PROJECT MENU

Easy access to project settings and functions related to your project.

Familiar UI Gestures

The intuitive user interface makes the system very easy to use, even for operators with no prior experience of machine control.

GUARANTEED MODULARITY - MAXIMUM FLEXIBILITY

With the Xsite PRO system you are always equipped optimally for all requirements of a construction site. Whether it is easy work assignments or complex construction projects, MOBA excavator control systems guarantee a pinpoint, efficient result through perfect interaction of all components. Thanks to the modular structure of the 3D software, Xsite PRO can be upgraded at any time. Stay flexible for every construction project with the easy and non-destructive installation of additional functionalities and the compatibility with all base stations.

1. **XSITE PRO** efficient work in 3D
2. **GNSS ANTENNA** receives position and level data
3. **POSITIONING RECEIVER**
4. **CONTROLLER** processes all received position data
5. **LASER RECEIVER EL-3** automatic level adjustment
6. **INCLINATION SENSOR** 360° measuring range in 3 axes
7. **LED DISPLAY** additional display of work progress

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NO 3D MODELS?
NO PROBLEM.

Harness the efficiency of 3D machine control in smaller projects - Make your own 3D models easily from the cabin with built-in model tools.

Take full advantage from Xsite PRO, even in smaller sites.

With Xsite PRO 3D you can create simple or more advanced 3D models from scratch without leaving the cabin.

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!
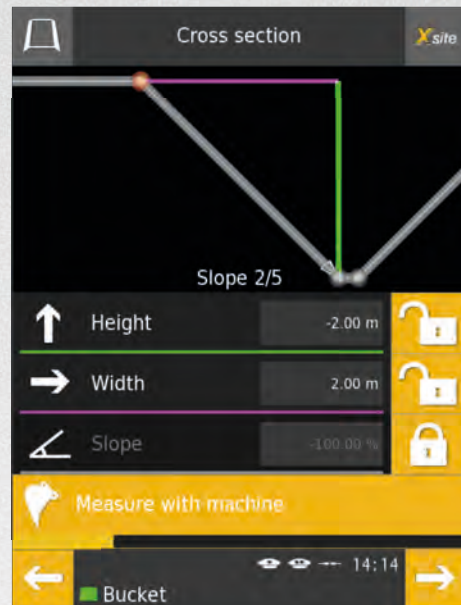
ADD 3D MODELS TO AN EXISTING PROJECT.

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 self-created 3D models to project designs.

You can create a pipe trench easily by using an existing line model as a reference, for example.

You can also duplicate an existing line, and set a new height and sideway position for it.

XSITE PRO MODEL TOOL
-FEATURES

- Create planes & slopes quickly
- Create cut profiles
- Add 3D models to existing projects
- Create line models easily
- Use existing lines as reference/center lines for profiles
- Offset surfaces

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.
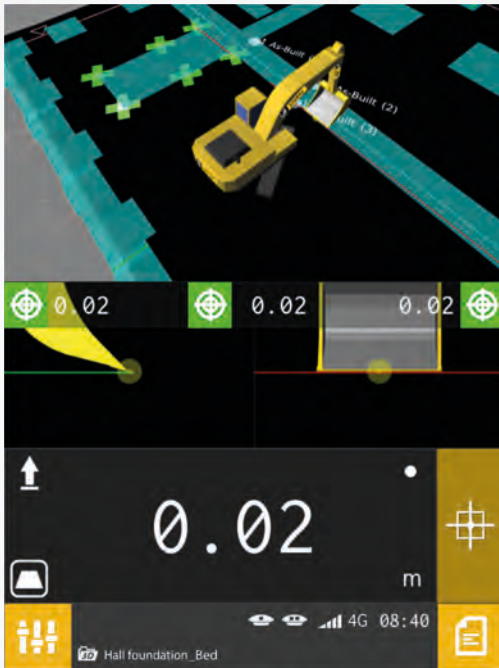
With Xsite **PRO 3D**, all the project information and designs are displayed for the machine operator in an easy-to-follow visual format.

Unlike many other manufacturers, Xsite products are based on open standard file formats. This means you'll be able to work in different projects and not have to worry whether the project models will work on your system.

With Xsite, all 3D models will work automatically, from any designer, without unnecessary conversions or transformation tools.

DATA SHARING
BETWEEN MACHINES

Sharing data such as collected points is possible between Xsite PRO 3D systems when connected to the Xsite MANAGE cloud service.

Points collected by other machines are easy to tell apart by their symbol and color.

SUPPORTED
FILE FORMATS

For the convenience of the operator and the designer, Xsite PRO 3D supports open standard file formats: **XML and DXF**

YOUR EXPERTS WORLD-WIDE

/// **MOBA HEADQUARTER**
/// **MOBA SUBSIDIARY**

MOBA **GROUP**

The **MOBA GROUP** is a leading global player in the world of mobile automation. Close collaborations between the headquarters in Limburg an der Lahn and subsidiaries all over Europe, Asia, North and South America create new perspectives for recent and future developments.

Superior technical know-how and more than 40 years of experience combined with an international dealer network guarantee a premium support – **worldwide**. **INSPIRING MOBILE AUTOMATION** - this is what the **MOBA GROUP** stands for since more than **40 years**.

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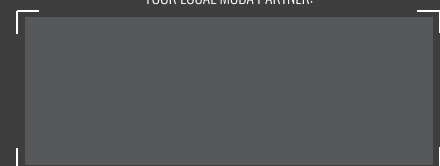Phone: +43 664 251 0906
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