

XSITE PRO 3D DOZER



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MOBA XSITE / DOZER CONTROL SYSTEMS
MOBILE-AUTOMATION.EU

BRING OUT THE BEST OF YOUR DOZER WITH XSITE 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.

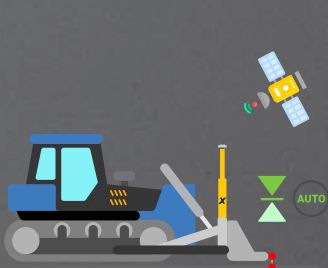
Xsite's blade automation system can be retrofitted to existing machines.

TAKE FULL ADVANTAGE
XSITE PRO 3D



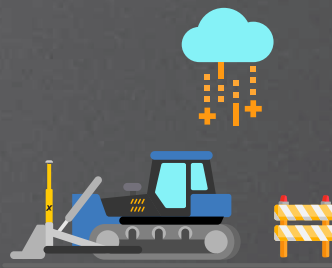


BENEFITS OF XSITE PRO 3D MACHINE CONTROL



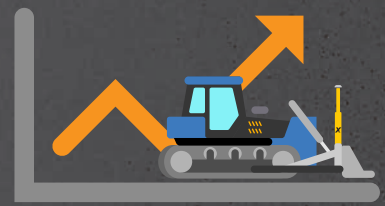
NO OVER- OR UNDERCUTS

With Xsite® PRO 3D, you'll always cut or fill the surfaces to the right level. The system's blade automation ensures high accuracy without re-work.



STAY CONNECTED

Always work with latest project plans. Design 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 dozer's blade automatically to attain the desired target level. When the job is carried out properly the first time, you can save time, materials and fuel.

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.



BLADE AUTOMATION MADE EASY.

Xsite® PRO 3D offers ease of use with intelligent features, real-time information and best customer support.



FAMILIAR USER INTERFACE

Xsite PRO 3D for dozers offers the same easy-to-use user interface than our excavator systems.

The system is very easy to use, even for operators with no prior experience on machine control.



EASY-TO-USE BLADE AUTOMATION

Xsite PRO 3D is designed to make the operator's day-to-day work easier.

This means that with Xsite, the machine operator can concentrate on productive work, instead of constantly operating the machine control system.



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!

XSITE PRO 3D - USER INTERFACE

CHANGE ACTIVE MODEL

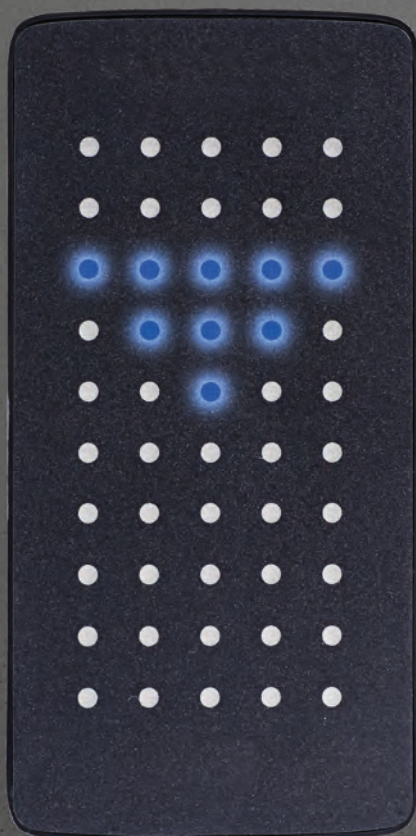
Change quickly between different 3D models on your project. No need to browse through menus.

SURFACE OFFSET

You can adjust the model's height offset value easily while working

PROFILE VIEW

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

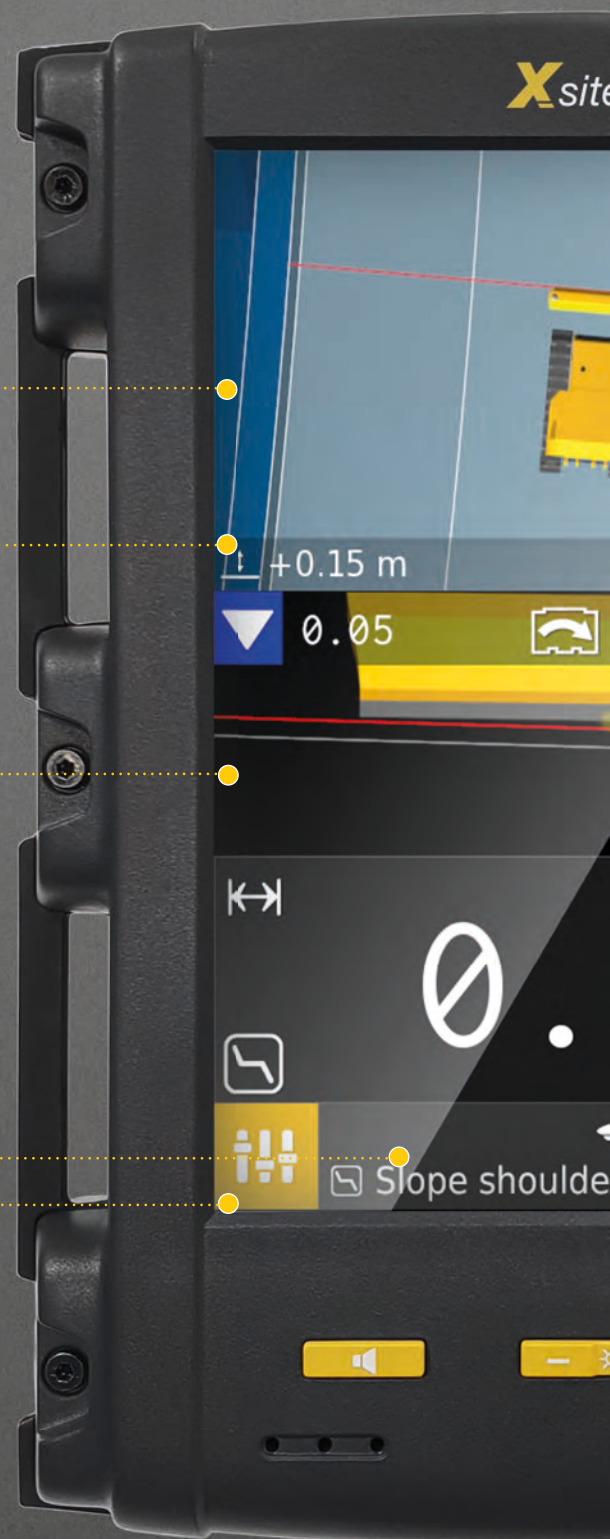


PROJECT INFORMATION

The status bar shows relevant project and system information.

SYSTEM MENU

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



FAMILIAR UI GESTURES

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



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.

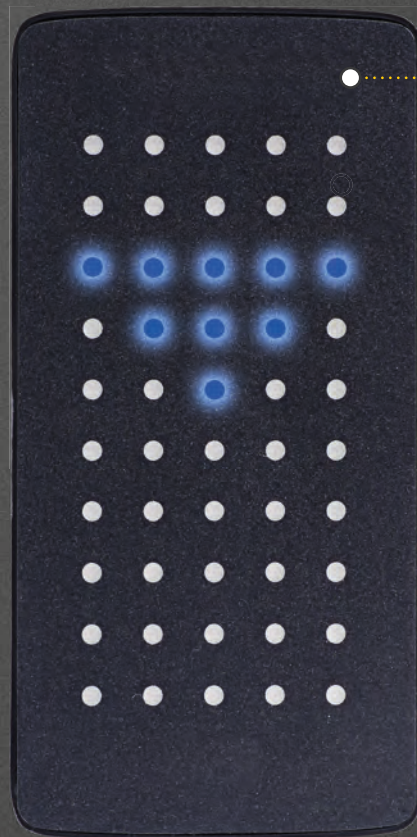
You can also select 3D models by "point and pick" directly from the map view.

CUT / FILL GUIDANCE

Blade corner indicators give you real-time information about the height difference between your blades tip and the selected surface.

MEASURING VALUES

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



LED DISPLAYS

LED displays offer real-time information about how far the blade corners are from target level.

The two displays are easy to mount so that they don't block the operators view.

PROJECT MENU

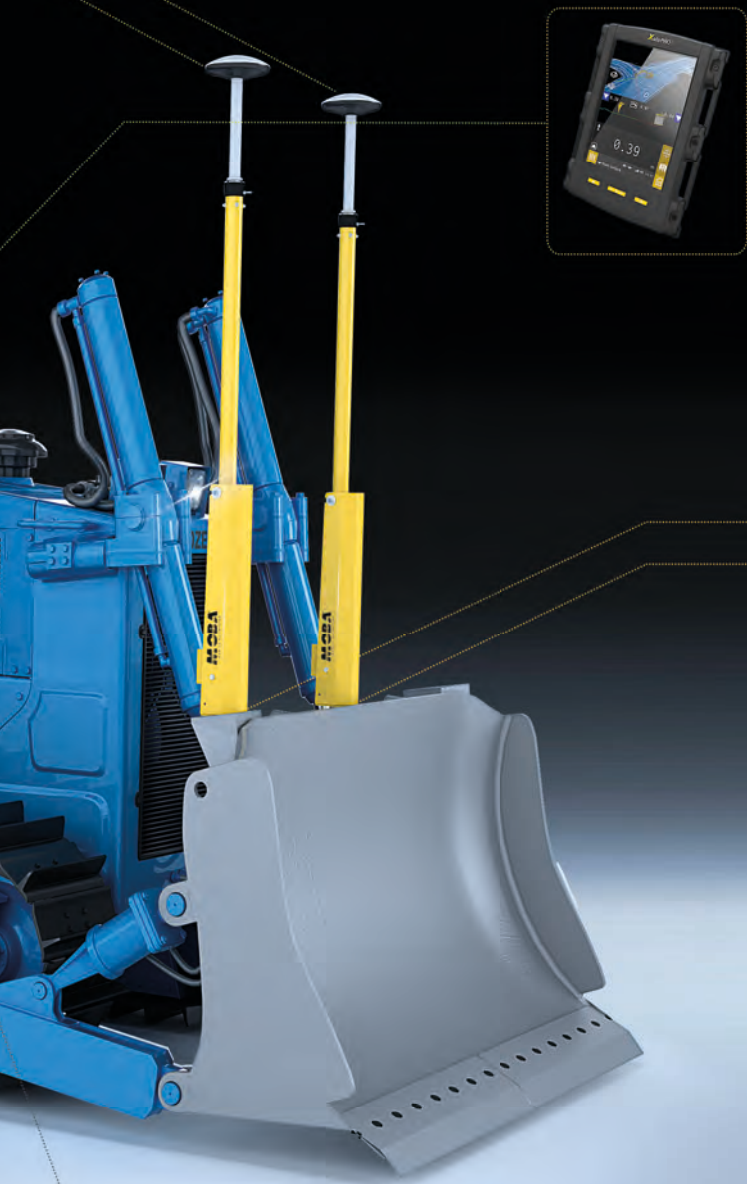
Easy access to project settings and functions related to your project.



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 dozer 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
2. GNSS ANTENNA
3. CONTROL UNIT
4. POSITIONING RECEIVER
5. CROSS SLOPE SENSOR
6. CONTROLLER
7. LED DISPLAY



STAY CONNECTED

Always work with latest project plans! Wireless data transfer enables the right information to be in the right place, in real time.

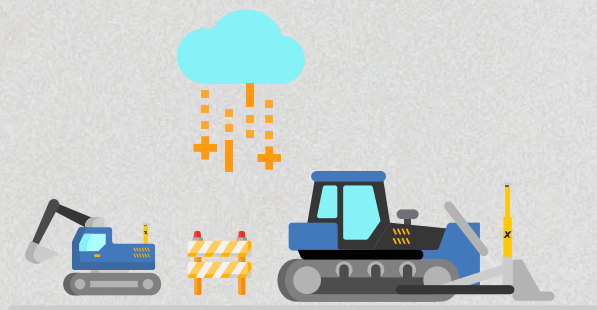


AUTOMATIC DATA SYNCHRONIZATION

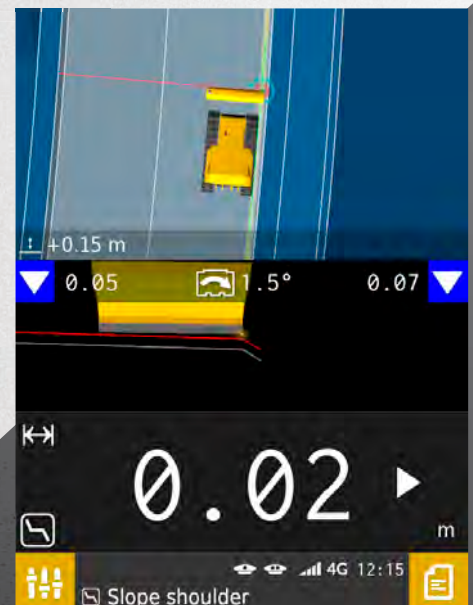
Fast information flow is crucial on a modern-day construction sites. With Xsite PRO's automatic data synchronization, the machine operator always has up-to-date project plans at hand.

In addition, the data collected with 3D machine control can be transferred automatically back to the office for quality control.

The same data is also available for site managers, surveyors, site-coordinators, and projects owners.



Xsite PRO 3D can be also connected to a 3rd party software, e.g. Infrakit or Gemini.





Xsite PRO enables you to harness the efficiency of 3D machine control even in every project. The operator can easily create e.g. a sloped plane model using the built-in model tools. This speeds up the construction process remarkably - No need for manual grade checking or waiting for a surveyor.

ADD 3D MODELS TO AN EXISTING PROJECT

You've received 3D models for a project from the designer, but some models are missing? No problem, with Xsite® PRO you can easily add self-created 3D models to project designs.

You can create a new surface model by using an existing line model as a reference, for example.

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

XSITE PRO MODEL TOOL FEATURES

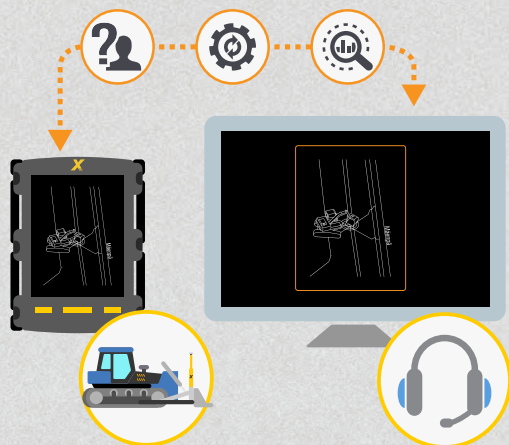
- Create planes & slopes quickly
- Create cut profiles
- Add 3D models to existing projects
- Create line models easily
- Use existing lines as reference/center lines for profiles
- Offset surfaces

BEST SUPPORT GUARANTEED



Xsite Remote Support Minimizes Downtime

Our friendly and professional support ensures that you can keep working smarter without interruptions.



To maximize the return on your machine control investment, the equipment needs to be ready for use at all times.

With remote support, your local Xsite support personnel can provide you with guidance or troubleshooting without having to visit the site.

Xsite Remote Support

- Operator training
- How-to / Guidance
- Troubleshooting
- Software updates

How Does It Work?

With remote support, your local Xsite support personnel can access your machine control system wirelessly. The support person can see your systems view on their own screen, and operate the system remotely in real time.



SPECIFICATIONS

XSITE PRO 3D WITH BLADE AUTOMATION - FOR DOZERS

DISPLAY

Size:	8,4"
Type:	Touch / TFT-LCD
Multitouch support:	Yes
Antiglare panel:	Yes
Mounting:	RAM mount
Connectivity:	2 x USB

SENSORS

IP rating:	IP 69
IMU:	Yes
Connectivity:	CAN-Bus (Military)
High durability:	Yes

SATELLITE POSITIONING

Dual GNSS:	Yes
Constellation support:	(Multi) GPS, Glonass, Galileo, BeiDou
Correction types:	NTRIP (All vendors), Radio
Correction formats:	CMR, CMR+, sCMRx, RTCM 2.1, 2.2, 2.3, 3.0, 3.1, 3.2

FILE FORMATS

Xsite® PRO 3D supports open standard file formats:

.DXF and .XML

CONNECTIVITY

Wireless data transfer:	Yes
Remote connection:	Yes
3 rd party cloud services:	Yes
Mobile data	2G, 3G, 4G (Via regular SIM card)
Other:	2 x USB (Suitable for manual data transfer)



YOUR EXPERTS WORLD-WIDE

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//// 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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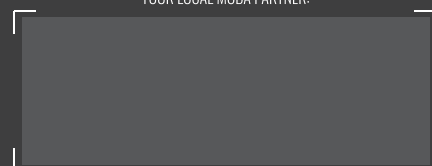
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