

# 2D & 3D SYSTEMS

## XsiteLINK

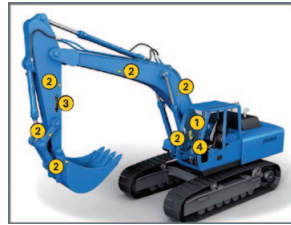


Product code: VL.002

In addition to numerous 2D functions, XsiteLINK also comes as standard with basic 3D functions. The system's basic functions include the measurement of depth, slope and distance from the excavator of the bucket. The operator can generate a profile directly on the display, consisting of several levels and slopes. The position and status of the bucket are displayed in real-time on the panel. The operator is thus assured of precisely obtaining the desired excavation depth at all times. The system can be upgraded with a laser receiver, an external LED display, a cross-slope sensor on the bucket and a GNSS sensor. Manual site surveys can be dispensed if using RTK GNSS positioning and background maps as the excavator becomes the surveying equipment! Thus time and money are saved through less personnel on site and less man-hours. The 3D version of Link continuously displays height and machine data and simple 3D models are created directly on the screen.

### SYSTEM BENEFITS

- ▶ When the machine is located with the aid of satellites, there is no need to use a laser to move the machine or set up physical elevation markers for level comparison.
- ▶ Improve your work efficiency and finish your contracts faster. Save on labour, fuel, and machinery costs.
- ▶ Do the job properly the first time, and no later corrections are needed. Avoid excess cutting and filling. Lower your material and transportation costs.
- ▶ Document the excavation work immediately after the completion of the work phase, before you refill the excavation. Save on surveying costs, and collect exact data with the machine yourself.
- ▶ Create a safe working environment. No workers needed around the machinery or in the excavations.



1. Control panel
2. 3-axis gravitational sensors
3. Laser receiver
4. LED display



Single GNSS positioning - satellite positioning enables working without staking-out. Thanks to the positioning provided with a single GNSS antenna, the location of the machine is known at all times, and the direction is set by rotating the machine after it has been moved.



2D drawings - when working with 2D drawings, the display shows the bucket position on top of the two-dimensional design file. At the same time, the system displays the bucket elevation so that the operator can compare it with the target elevation.



Profiles - use the handy built-in tool to create various profiles, such as ditches and roads. As you create your own 3D models right there in the excavator cabin, you won't have to depend on engineering offices and you can utilise satellite positioning even at small jobsites.



Documentation - collect data regarding your pipeline installations and constructed layers right from your own machine - no separate surveying is required. Documenting is carried out by directing the bucket to the desired point and by saving the coordinates.



Remote support - a wireless internet connection makes it possible to create a remote connection between the machine control system and the service centre. By using this remote function, technical support can provide you with guidance - without having to visit the site.