



BRIT

BUILDING ROBOT
INTELLIGENT TRACER



BRIT is a stand-alone device that processes CAD files, compares them with the surroundings and prints the information on the ground. In this way, the execution time of a conventional stakeout is reduced with millimetric precision.

BRIT performs any task autonomously, warning if an obstacle appears and allowing the user to carry out other tasks.

The **user interface** is simple, intuitive and allows the user to carry out different process and check the work done.

BRIT revolutionizes the system for staking out buildings under construction. It is autonomous, simple, intuitive, fast, reliable and accurate.

TECHNICAL SPECIFICATIONS

Positioning System	TopCon LN-150 Survey Station (with 360° prism)
On-site positioning	Two well-known landmarks from the work.
Tracking Range	150m radius from LN150 station.
System Accuracy	+/-2 mm
Trace speed	Aprox. 200m ² /h
Autonomy	Aprox. 14h
Printhead	Permanent ink
Mechanical head adjust.	Trace precision drift compensation.
Layout Types	Solid line, dashed line, and text.
Surface fencing	Up to 12 cm from the partition, wall or wall.
Control and supervision	APP para control desde Tablet android
Uploading Drawings	APP for control from Android Tablet
Overcoming the slope	Up to 2cm
Obstacle detection	LIDAR 360°
Inertial Unit Meas's (IMU)	Fixes drift in autonomous navigation
Fall detection system	Yes
Damping system	Yes



Tech at
a glance

