

ROBORIGGER AR10

The TENSA ROBORIGGER products (patent pending) are designed to allow the dangerous operations of orienting and landing lifted loads to be undertaken without the need for people to be in the vicinity of the load.

Not only is it safer, but by eliminating the need for an extra person to orient and release the load, it can offer significant cost savings that will pay back in under 1 year. Roborigger also allows tasks that are challenging because of poor or unsafe access to be performed easily and safely.

The ROBORIGGER Autorotater AR rotating system uses inertial and gyroscopic forces to rotate the load. It is controlled wirelessly using a handheld remote. ROBORIGGER can be used in manual mode or it can store 2 headings and automatically rotate the load to either heading using its control system. Roborigger can maintain the heading of the load continuously regardless of wind.

The ROBORIGGER Wireless Release WR system allows the operator to release the load remotely by wireless. The system has inbuilt safeguards to prevent release under load and has a dual command system requiring 2 buttons to initiate a release. Roborigger includes a video camera and load cell and is fully internet connected by wifi or 3g/4g.



KEY FEATURES:

- Robust and reliable design.
- Wireless remote control with 100m min range.
- Load cell with remote readout
- Camera that takes snapshots of all lifts and setdowns as well as providing video feed to crane operator
- Ability to have 2 preset orientations to simplify repetitive operations.
- Battery operated with capability to last at least 12 hours
- Minimal operator training required.
- Remote release of hooks with failsafe protection.
- Online monitoring and diagnosis

SPECIFICATIONS:

WLL: 10,000kg

Size: 1400mm (diam) x 900mm(H)

Weight: 700kg

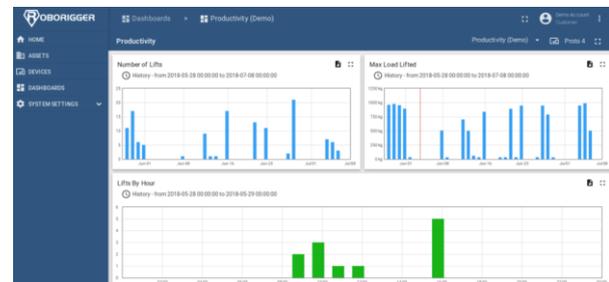


Figure 1- Online monitoring of all lifts and Roborigger performance and productivity

ROBO_ar10 v2