

The ROBORIGGER products (patent pending) are designed to allow the orienting and landing lifted loads to be undertaken without the need for people to be in the vicinity of the load. This reduces the risk to personnel and will save lives. Roborigger also eliminates the need for tag lines on loads.

Not only is it safer, but it eliminates the need for an extra person to orient position and release the load. Lifting operations are faster as no tag lines need to be attached or removed and because loads are oriented in the air during the lift and can be lowered immediately once the position has been reached. Roborigger also allows tasks that are challenging because of poor or unsafe access to be performed easily and safely. Loads with large windage such as panels can be lifted in stronger winds giving significantly increased crane utilization. These are significant cost savings that will pay back in under 1 year.

The ROBORIGGER Autorotator 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 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 so that all lifts are recorded on the internet database complete with date, time, location, weight and a high resolution image. Load ID can also be recorded.



#### KEY FEATURES:

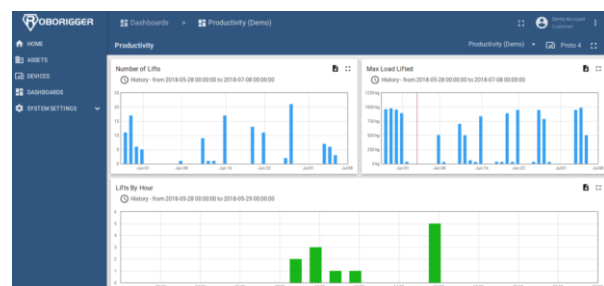
- Robust and reliable design.
- Wireless remote control with 100m min range.
- Load cell with remote readout
- Camera that takes snapshots of all lifts and setdowns as well as providing video feed to crane operator
- Ability to have 2 preset orientations to simplify repetitive operations.
- Battery operated 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:** 15t

**Size:** 1.4m (diam) x 1.8m(H)

**Weight:** 850kg



Online monitoring of all lifts and Roborigger performance and productivity