



RHL Hydraulic Systems



RHL 1000 Load System / RHL 2000 Load & Radius System

Robway RHL Hydraulic Systems are simple load and load/radius indication systems designed for offshore pedestal cranes and jib cranes.

- ▲ The display is a liquid-filled gauge with a scale calibrated to metric or imperial units, in accordance with the user's requirements.
- ▲ A damper assembly smooths indicator sensitivity and allows adjustment to indicator response time, according to the crane operator's preference.
- ▲ A dial adjust gear rotates the dial for tare adjustments.
- ▲ A choice between diaphragm-type and piston-type load cell is available to suit various cranes and applications.
- ▲ The RHL-2000 model has all the features of the RHL-1000 with the addition of boom radius monitoring.



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Features

- Suits all types of pedestal cranes and fixed & slewing jib cranes
- Hydraulically-operated, requires no external power source
- Easy to install and use
- Suits all crane capacities
- Rugged & reliable - operating even under extremes of temperature, humidity & vibration.



Specifications

Display Gauge Size	150mm or 215mm diameter
Unit of Measure	Metric or Imperial (to be advised at the time of order)
Load Cell Type	Diaphragm or Non-Spin Piston
Load Cell Capacity (Single Line Pull)	Up to 12.5 Short Tons (11.3 MT) for diaphragm type Up to 15.0 Short Tons (13.6 MT) for piston type
Radius Sensor (*Model RHL-2000)	Reservoir (hydraulic-filled diaphragm)
System Accuracy	Less than +/- 1.5% of full scale capacity
Operating Temperature	-30°C to +50°C

Configuration

*Drawing shown is for an RHL-1000 Load System.

