



# Gin Pole Truck Solutions

## TRIMBLE'S LOAD MONITORING SYSTEM



### ACCURATE AND EASY-TO-USE WIRELESS SYSTEM FOR GIN POLE APPLICATIONS

The Trimble Gin Pole Load Monitoring System gives the operator the ability to accurately monitor load and angle of the mast-keeping operations within the limits of the machinery. The data is represented in an easy to read display that allows at-a-glance monitoring in any condition.

Having confidence in the load data is paramount to any load monitoring system. Trimble's system provides accuracy throughout the entire mast operational range, ensures operator awareness and capitalizes on equipment capabilities.

Data log files are captured automatically with this system. The logged data can then be reviewed by Management and Service personnel to keep on the front side of maintenance. The data log feature comes standard and is viewable through the free, downloadable software.

### SYSTEM COMPONENTS

#### GS550 Multi-Sensor Display

The Trimble GS550 Display is a wireless, field proven, display that features an LED bar graph and textual data presentation. It features Trimble's proven proprietary radio, designed specifically for industrial and mobile sensor acquisition in the toughest environments. The custom-developed software for the gin pole application takes into account the load and angle on the mast. A wireless range of up to 4,300 ft. (1,300 m) means users can be confident that the information will be received in and around all rig moving areas.

#### Load Cell and Adaptor Plates

The 60K (lb) capacity Trimble Load Cell is factory calibrated to +/- 1% (R.C.) and features stainless steel construction. The adaptor plate set designed for this application ensures low torque induced into the load cell to increase accuracy.

#### Angle Sensor

The 360° Trimble Angle Sensor features +/-0.3 degree accuracy and is housed in a stainless steel enclosure. Weld pads are included for easy installation.

#### Sensor Battery Life

The Angle Sensor and Load Cell can operate for up to 2 years with a single D cell lithium battery. Alkaline batteries can also be used, but with a shorter operation expectancy.

## Improve Safety

- ▶ Promote operator awareness by providing real-time load information at the control station
- ▶ Protects equipment by reducing the risk for a dropped load or on-site accident
- ▶ Monitor load cycle, duty cycle and other preventive maintenance information
- ▶ Data log feature offers the ability to know exactly what happened before and during an incident
- ▶ CSA approved models are available for hazardous area use



- ▶ Accurately monitor load and angle of gin pole trucks
- ▶ Standard data log of preventive maintenance and alarm information
- ▶ Ease of installation and maintenance with a wireless system, can easily be moved from machine-to-machine to maximize the investment
- ▶ Meets stringent jobsite requirements, enabling users to gain more business where load indication is required