



TOUGH. TESTED. RELIABLE.



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BOOM CRANE MONITOR AND CONTROL SYSTEMS

Monitor and Control Systems

McCoy Global has unique engineering and manufacturing expertise that allows us to supply many standard system types including wireless, hard-wired, hydraulic and combined systems to meet customer needs. McCoy Global specializes in the design of reliable safeload monitor systems that must withstand high shock, vibration and physical abuse inherent in boom crane operations.

WIRELESS SYSTEMS



McCoy Global wireless systems are configured to order and designed to meet high reliability needs.

Wireless load, anti-2 block and angle sensors, as well as displays, all utilize internal antennas for protection from damage.

McCoy Global wireless systems can also be supplied with hardwired components to minimize the use of battery power or integrate multiple measurement systems including:

BENEFITS

- High Shock and vibration
- Direct sunlight viewable displays
- Wide operating temperatures
- Long battery life
- Standard D cells
- Withstand severe physical abuse
- Permanent use outdoors and offshore marine
- EMI/RFI robust

HARDWIRED SYSTEMS



Payout/Speed Sensor for drum rotation, direction, block position, hook height indicators



Gravity-Based Angle Sensors or Shaft Driven Boom and Slew Angle Sensors



Instrumented Sheaves for odd parts of line



Tensiometers for safe or hazardous areas

BENEFITS

- Any tension link up to 3 million pounds capacity
- Any load pin up to 6 million pounds capacity
- Integral cables with strain relief
- Armor jacketed cables with bronze glands
- McCoy Global displays are 316 stainless steel with weld seal construction
- Direct sunlight viewable large digit displays operate from -40 to +85°C fix degree
- McCoy Global systems are configured 'to order' to keep system operation simple.



HYDRAULIC SYSTEMS



McCoy GLOBAL HYDRAULIC CRANE SYSTEMS ARE DESIGNED TO MEET THE HIGH RELIABILITY NEEDS OF OFFSHORE INSTALLATIONS.



BENEFITS

- McCoy Global gauges are 100% stainless steel
- McCoy Global sensors fit standard crane wedge sockets with optimized outputs for crane capacity
- All load cells are 17/4 stainless steel, designed to withstand great side impacts
- McCoy Global Systems do not require an external dial adjust and still meet OSHA requirements
- Full scale gauge pressure matches full scale load cell pressure
- Hose lengths to 200 ft. without steel tubing
- Approximately 3 times more stroke inside tension link which allows for volumetric changes for air and fluid
- McCoy Global products require lower maintenance
- Gauges can be silkscreened with your company logo
- Competitors use 600-1,000 psi gauge on a 3,200 psi load cell