

Wylie W3100

Crane Warning
Systems Atlanta

1-877-672-2951 Free
1-770-888-8083 Direct
1-678-261-1438 Fax
www.cwsa.biz



Specifications:

Display rated IP65

Fully sealed against weather and corrosion.

Display Dimensions:
8.7"x4.4"x2.4"

Display format: two 16 characters x 2 lines

Operating Temperature -10 to 140 F

Power Supply Range 10V to 30V DC

Audible Alarm: 80Db

Memory Capacity: Up to 1000 duties

Analog Inputs: 3 loads, 1 angle, 1 length, 4 extra.

Kit for Telescopic boom crane includes:

W3100 display with chart programming,

(2) pressure transducers, cable reel with length and angle sensor

(1) ATB switch and weight

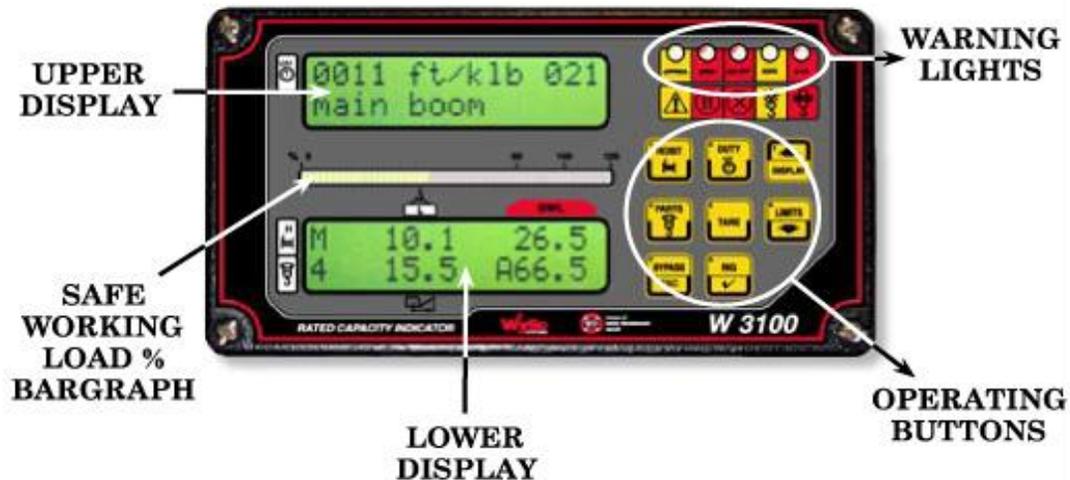
Connecting cables

System manual

*Optional equipment:

2nd ATB switch and weight, slew sensor for range limiting and proximity sensors for quadrant charts. Dynamometer and/or load link if used on lattice crane. *

W3100 Load Moment Indicator (LMI / RCI)



The W3100 load moment indicator (LMI) or rated capacity indicator (RCI) provides the operator with continuous display of the load, capacity, radius, and angle. All the important information is on the easy to read display.

The bar graph shows the percentage of safe working load so the operator can easily monitor his capacity. The system warns of approach of overload and anti-two-block (ATB). The internal relay is triggered for overload and ATB for use with an optional lock out system. The W3100 has enough processing power and on-board memory to handle most any lattice or hydraulic crane capacity charts. The display and processor are all in one compact box. The software also has a built in self diagnostics making it easy to detect a sensor failure.

The W3100 works on both lattice and hydraulic cranes and can accept inputs from load links, pins, pressure transducers and line rider style dynamometers. This is our most popular pressure transducer LMI system and has been used by QMC Hydraulic Cranes for years.

Wylie pioneered the first crane overload system in the world! - In business since 1933!

Has intelligent self diagnostics than warn the operator of any sensor failure.

Reliable and easy to operate. - The display and processor are all in one compact box.

Powerful processor with enough on-board memory to allow for large load charts.

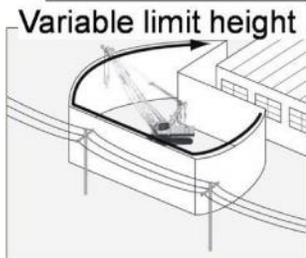
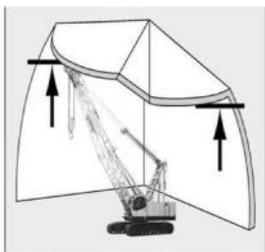
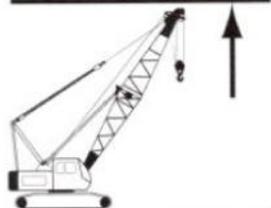
Crane Indicators are our Business!

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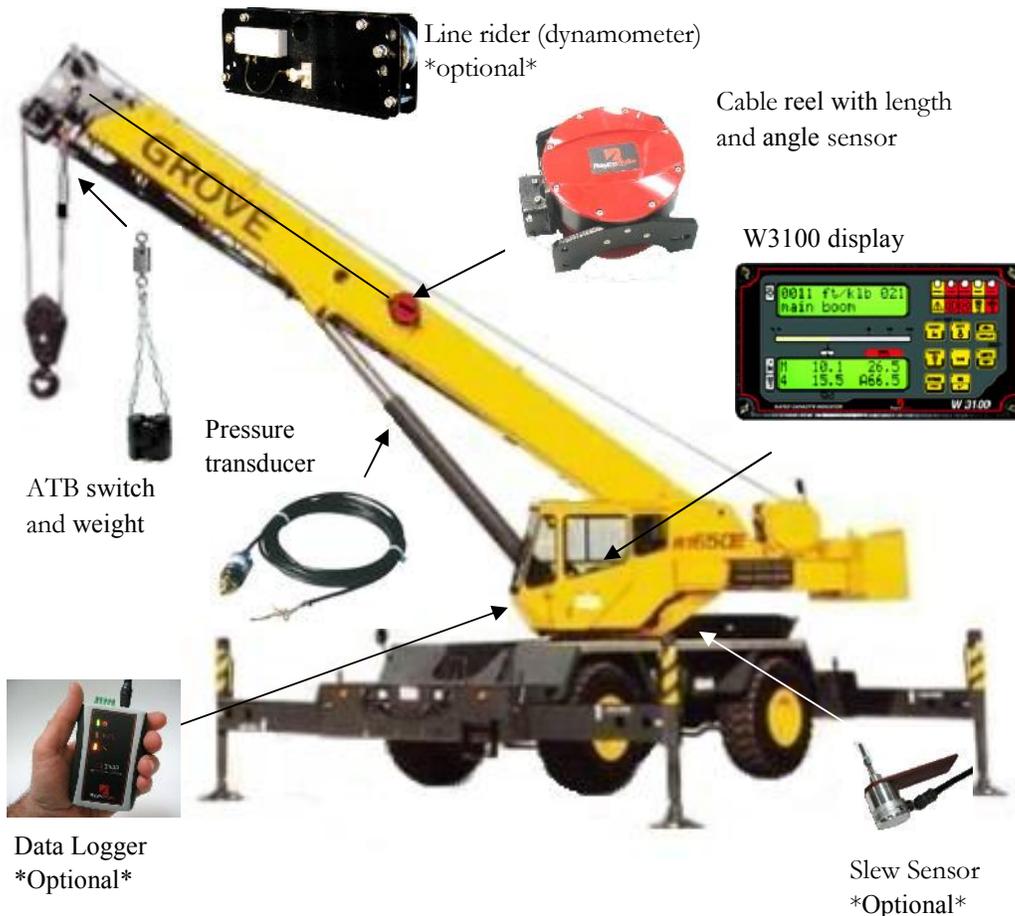


Range Limiting option allows for these configurations:



Variable limit radius

W3100 LMI Installation with Pressure Transducers



The W3100 pressure transducer system is a true Load Moment Indicator (LMI) because it actually measures the load on the boom from the pressure sensors mounted on the lift cylinder. This type of system is accurate, reliable, low maintenance, and easy to use. The W3100 has a powerful processor and large onboard memory that allows for large load charts and extra options such as data logging and range limiting.