

Crane Indicators are our Business!

Wylie i3500

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:
6.25"x8.5"x3.0"

Operating Temperature -4 to
140 F, -20 to +60 C

Power Supply Range 10.2V to
36V DC

Audible Alarm: 80Db

Memory Capacity: Up to 10000
duties

I/Os: 6 analog inputs, 4 analog
outputs, 17 digital inputs, 5
relay outputs

Kit for Telescopic boom crane includes:

i3500 display with chart pro-
gramming

(2) pressure transducers

Cable reel with length and
angle sensor

ATB switch and weight

Relay control box

CAN bus controllers for each
sensor

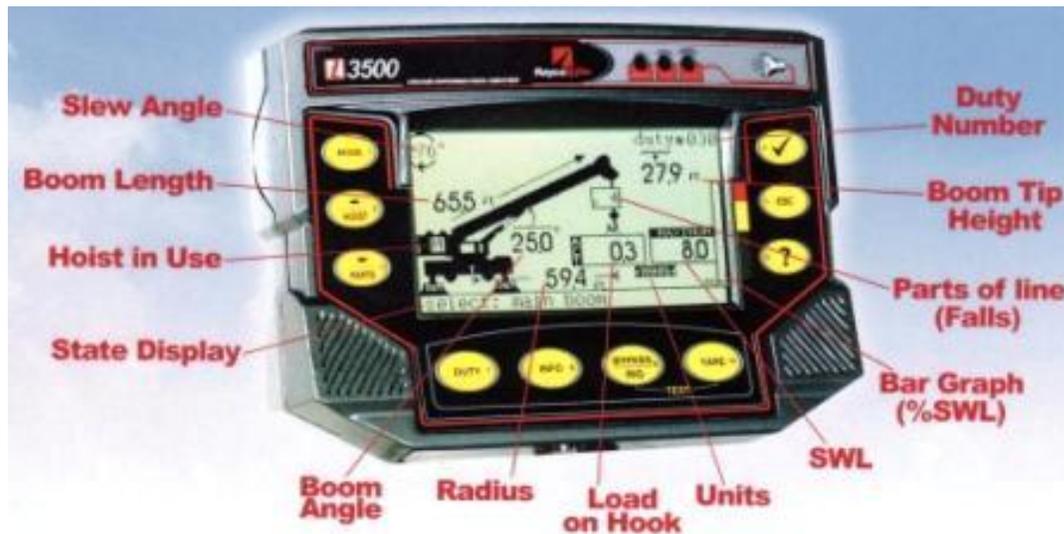
Connecting cables

System manual

Optional equipment:

ATB switch and weight, prox-
imity sensors for quadrant
charts, wind speed, range limit-
ing and slew angle sensor.

i3500 Load Moment Indicator (LMI)



The i3500 is the OEM systems used on the Grove Yard Boss cranes. The i3500 is a CAN bus system that uses a single cable network to each sensor. This makes it less susceptible to RF interference and easier to troubleshoot. The display shows all the necessary information on its graphic display screen. The display includes a bar graph representing the percentage of safe working load. For a quick reference of current capacity. The system warns of approach of overload and anti-two-block. The internal relay is triggered for overload and ATB for use with a lock out system. The system also has optional software and sensors for data logging that records all the crane lift information as well as range limiting features. The i3500 has enough processing power and onboard memory to handle most lattice and hydraulic cranes. The display is extremely flexible so it can be customized to meet many different applications or custom requirements.

Why choose a Wylie i3500 System?

Wylie's proven product history can't be matched. In business since 1933!

Wylie pioneered the first crane overload system in the world!

CAN Bus technology reduces interference and makes troubleshooting easier.

Powerful processor with large onboard memory that allows for huge load charts and extra options such as data logging and range limiting!

Cutting edge design and technology that's user friendly and reliable!

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i3500 LMI Installation with Pressure Transducers



I3500 Sensors on telescopic boom crane:

- 1.) **i3500 Graphical LCD display with CAN bus communication input**
- 2.) **Relay box for digital input from crane sensors transmitted to the CPU**
- 3.) **Pressure Sensors mounted on the boom lift cylinder**
- 4.) **Cable Reel with internal angle and length sensor**
- 5.) **Anti-Two-Block switch with weight and chain assembly (optional)**
- 6.) **Wind Speed Sensor (optional)**