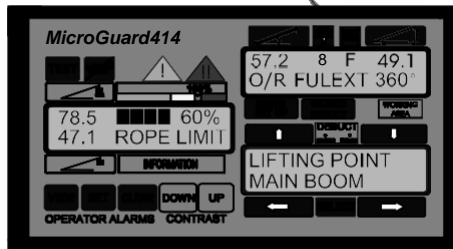
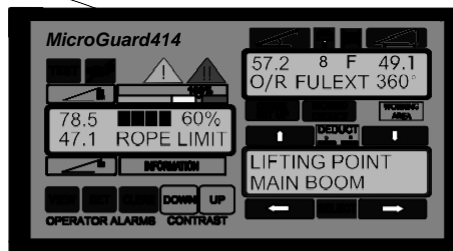


Microguard 414



Operational training



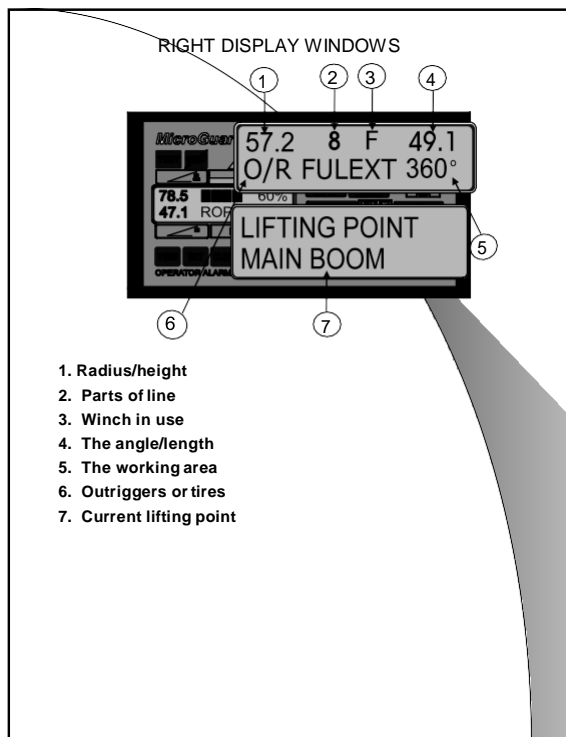
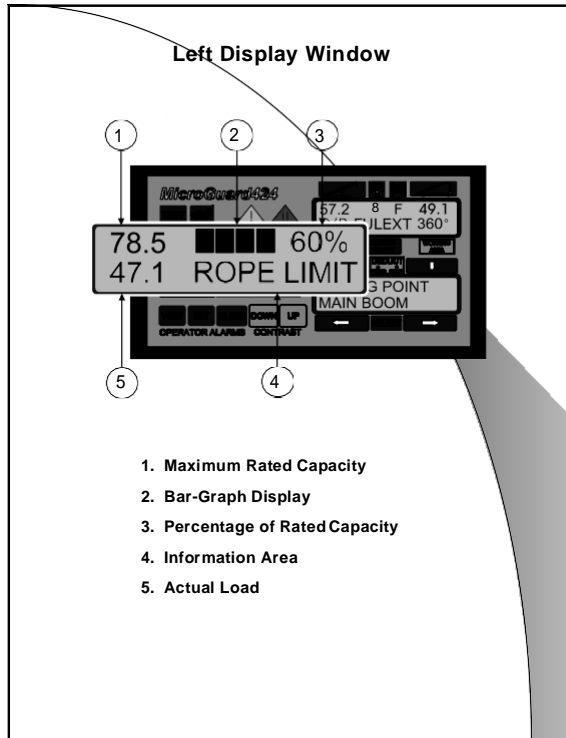
The MicroGuard 424 indicator provides the operator with a continuous display of:

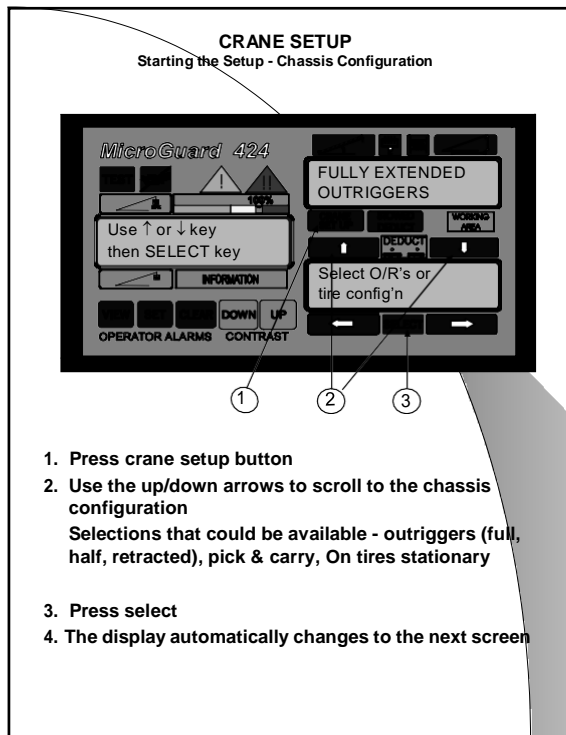
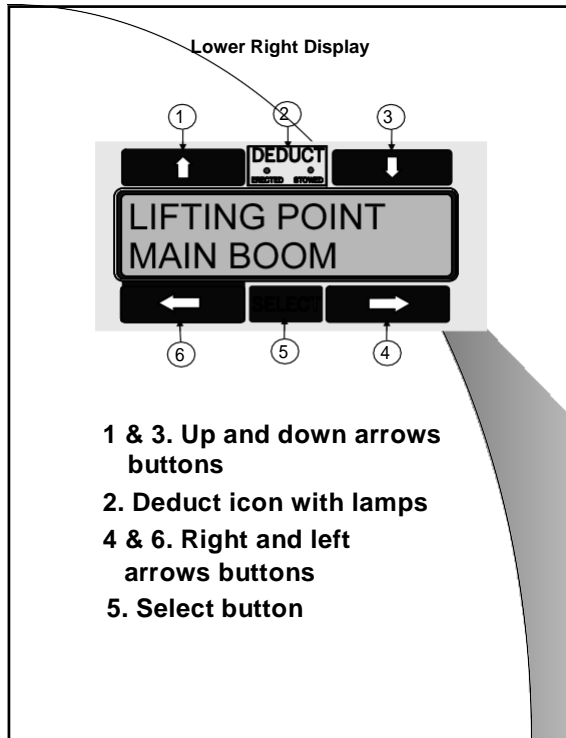
- ◆ Rated Capacity
- ◆ Actual Load
- ◆ Percentage of Rated Capacity
- ◆ Radius of the Load
- ◆ Angle of the Main Boom
- ◆ Working Area
- ◆ Crane Configuration

and by means of alternate display push-buttons it provides the operator with:

- ◆ Length of the Main Boom.
- ◆ Height of the Boom Head.

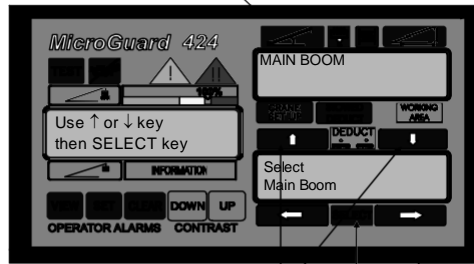
On screen messages provide the operator with visual indications of the various alarms which may occur during normal operation of the system. These values are displayed on the left and upper right display. The lower right display gives information about the currently selected crane configuration.





CRANE SETUP

Select Boom Configuration



1. Use the up/down buttons to select the boom configuration

Main boom, main boom + manual, mode A or mode B

2. Press select
3. Display will automatically change to the next screen

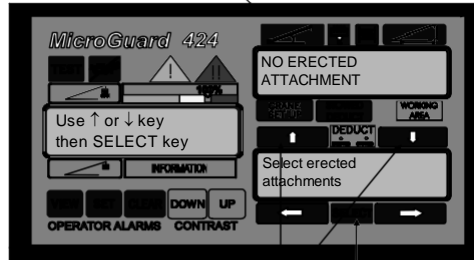
CRANE SETUP

Auxiliary Head Selection



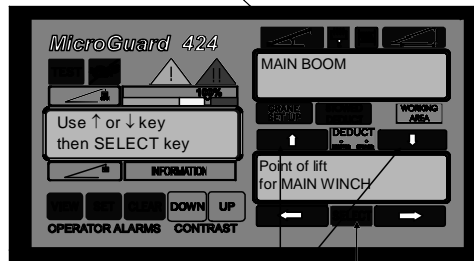
1. Use the up/down arrows to select the auxiliary head as either being fitted or Off the machine
2. Press select
3. The display will automatically change to the next screen

CRANE SETUP
Selecting Erected Attachments



1. Use the up/down arrows to scroll to the correct erected attachment
32' jib @ 0°, 35' tele @ 15°, 56' jib @ 30°
2. Press select
3. The display will automatically change to the next screen

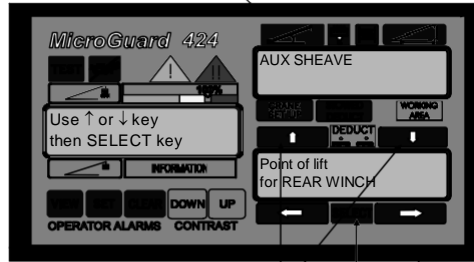
CRANE SETUP
Lifting Point for Front Winch



1. Use the up/down arrows to select the correct lifting point for the front winch

Main boom, mode A, auxiliary head, 32' tele @ 0°...
2. Press select
3. The display will automatically change to the rear winch lifting point or will change to the working screen

CRANE SETUP
Lifting Point for the Rear Winch

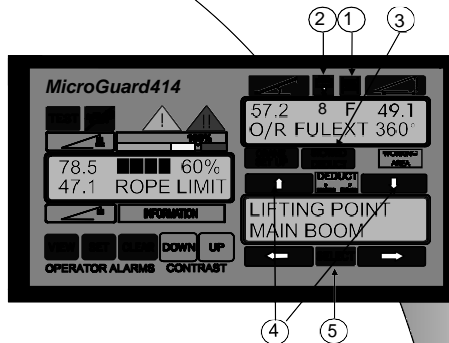


1. Use the up/down arrows to select the correct lifting point for the rear winch

Main boom, mode A, auxiliary head, 32' tele @ 0°...

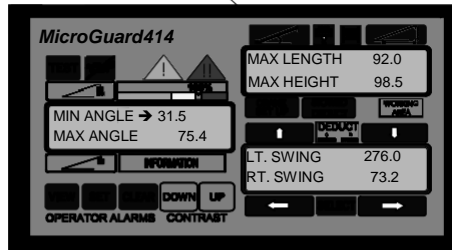
2. Press select
3. The display will automatically will change to the working screen

CRANE SETUP
Selecting Parts-of-line and Stowed Deducts



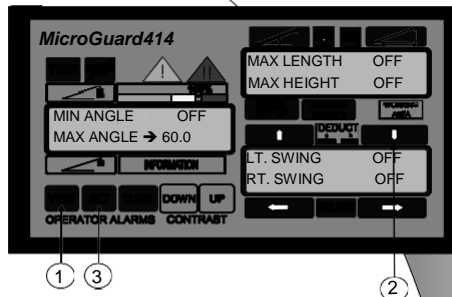
1. Press the Parts-Of-Line Button until the Correct Parts are shown for the Current Winch Selection
2. If required, Use the Winch Button to Change to the Opposite Winch. Then use the Parts-Of-Line Button to select the correct Parts for that Winch
3. If there is a Jib Stowed on the Machine then Press the Stowed Deduct Button.
4. Use the Up/Down Arrows to Select the Correct Jib.
5. Press Select - The Stowed Deduct Lamp should Illuminate.

Operator Settable Alarms



- 4 Alarms are available to the operator continuously;
- Min Angle
 - Max Angle
 - Max Length
 - Max Height
- 4 more available with a Swing Potentiometer installed
- Left Swing
 - Right Swing
 - Left Area
 - Right Area

OPERATOR SETTABLE ALARMS Method of Setting - MAX ANGLE



EXAMPLE B

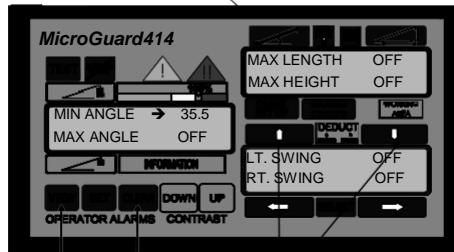
To have an alarm whenever the boom is above 60° angle;

1. Press VIEW to access the alarm screen.
2. Press Down Arrow to move cursor to MAX ANGLE

Move the boom to 60°

3. Press SET to enter alarm - The set Angle will toggle with the word SET

OPERATOR SETTABLE ALARMS
Method of Setting - Cancel Alarms



To CLEAR an existing alarm;

1. Press VIEW
2. Press the Up/Down Arrow to the alarm to be cancelled
3. Press CLEAR - The alarm setting should then show the current position of the crane

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