

A white JLG Ultra Boom scissor lift is shown extending upwards from the bottom left towards the center of the frame. The lift has a platform at the top with two workers. The background is a solid orange color with a large, glowing white pentagon shape on the right side. The JLG logo and tagline are positioned within this white shape.

**JLG**<sup>®</sup>  
*reachingout*

# ES Scissor Platform Control Measures

October, 2012

#### 2.6.4 Work platform controls: Location, accessibility, protection

Control devices shall be situated on the work platform and shall be readily accessible to the operator. Platform control boxes not permanently attached shall have their normal location and orientation clearly marked on the platform and the control box.

When released, all control devices shall automatically return to the 'off' or 'neutral' position, if used to control any movement of the MEWP.

All control devices shall be protected against activation other than that initiated by the operator.

*NOTE: A separate control, which has to be continuously activated by the operator in order for any motion to take place, meets this requirement.*

Where a separate control is integral with a motion control, the control shall be mechanically protected against inadvertent actuation.

A guard shall be provided and located at least 50 mm above the highest point of the controls.

#### 2.6.5 Duplicate controls: Location, accessibility, protection and selection

Duplicate controls for all powered functions that are necessary to retrieve the platform in an emergency shall be provided at the base or ground level, and shall override control devices situated on the work platform.

#### 2.6.10 Overriding emergency system

Overriding of the platform emergency stop control and load-sensing system is allowed for rescuing a trapped or incapacitated operator on the platform. Overriding is permitted only by the use of a safety device that is independent from the selection control device. The safety device shall be operated by hold to run controls.

The overriding of the load-sensing system shall allow motion of the platform sufficient to rescue the operator. Features shall be provided to protect against misuse of the overriding system.

Refer to the JLG operating manual for the Scissorlift .

Download operators manuals from:

[www.jlg.com.au](http://www.jlg.com.au) >Product Manuals>JLG > JLG Scissorlifts>



Control measure	1230ES	1930E	2030ES	2630ES	2646ES	3246ES
Platform Emergency Stop switch, <b>RED</b>	Yes	Yes	Yes	Yes	Yes	Yes
Mechanical guarding at controls	Yes	Yes	Yes	Yes	Yes	Yes
Enclosure guarding at controls	Yes	Yes	Yes	Yes	Yes	Yes
Controls >50mm below the guard rails	Yes	Yes	Yes	Yes	Yes	Yes
Trigger switch as enable switch	Yes	Yes	Yes	Yes	Yes	Yes
Inactivity Timer on trigger switch	Yes 5 seconds	Yes 5 seconds	Yes 5 seconds	Yes 5 seconds	Yes 5 seconds	Yes 5 seconds
Interlock to prevent operation if joystick or switch activated before release of <b>RED</b> emergency stop switch	Yes	Yes	Yes	Yes	Yes	Yes
Proportional lift/lower	Yes	Yes	Yes	Yes	Yes	Yes
Proportional drive	Yes	Yes	Yes	Yes	Yes	Yes
Start-up system test and alert.	Yes, beep when completed	Yes, beep when completed	Yes, beep when completed	Yes, beep when completed	Yes, beep when completed	Yes, beep when completed
Lift /drive Function selector switch, momentary or maintained.	maintained	maintained	maintained	maintained	maintained	maintained
Outdoor use Permitted	Indoors only	Yes 1 person	Yes, 1 person	Indoors only	Yes 2 person	Yes 1 person
Level sensor	Yes, 3 x 3 stowed	Yes, 3 x 3 stowed	Yes, 3 x 3 stowed	Yes, 3 x 3 stowed	Yes, 3 x 3 stowed	Yes, 3 x 3 stowed
Level Sensor cutout	Lift and elevated drive	Lift and elevated drive	Lift and elevated drive	Lift and elevated drive	Lift and elevated drive	Lift and elevated drive
Side slope level sensor setting at full elevation	3 degree	1.5 degree	1.5 degree	1.5 degree	2 degree	2 degree
Pothole protection system	Prevents elevated drive only	Prevents elevated drive only	Prevents elevated drive only	Prevents elevated drive only	Prevents elevated drive only	Prevents elevated drive only
ASNZS1418-10 2011 post May 2011 model. LSS installed or enhanced stability.	Enhanced Stability criteria	Yes LSS	Yes LSS	Yes LSS	Yes LSS	Yes LSS
Ground controls override the platform controls and override LSS in emergency	Yes. No LSS system.	Yes	Yes	Yes	Yes	Yes
Manual bleed down valve at base	Yes plunger	Yes, pull cable	Yes, pull cable	Yes, pull cable	Yes, pull cable	Yes, pull cable
Motion Alarm	Yes	Yes	Yes	Yes	Yes	Yes
Strobe light at base	Yes	Yes	Yes	Yes	Yes	Yes





**1230ES**  
Indoors rated  
only.



**1930ES**  
Outdoors rated  
for 1 person



**2030ES**  
Outdoors rated  
for 1 person



**2630ES**  
Indoors rated  
only.



**2646ES**  
Outdoors rated  
for 2 person



**3246ES**  
Outdoors rated  
for 1 person



# 1230ES Platform Control

## Mechanical protection:

Joystick controller protected inside the guarded control box.

Platform control Box mounted on front rail.

## Control System:

**Red** Emergency switch shuts down all platform functions.

Drive and lift maintained selector switch allows either drive or lift. Operator to select.

Joystick activation without the trigger switch will prevent movement.

Trigger switch times out after 5 second inactivity to prevent misuse.

Joystick proportional function requires trigger switch to be activated before moving joystick.





# ES Scissor lift, 1930ES, 2030ES, 2630ES, 2646ES, 3246ES

## Mechanical protection:

Joystick controller protected inside the guarded control box.

Platform control Box mounted on front rail.

## Control System:

**Red** Emergency switch shuts down all platform functions.

Drive and lift maintained selector switch allows either drive or lift. Operator to select.

Joystick activation without the trigger switch will prevent movement.

Trigger switch times out after 5 second inactivity to prevent misuse.

Joystick proportional function requires trigger switch to be activated before moving joystick.

