

Getting Started

Located at: ☐ - Platform Station
☐ - Ground Station

STEP 1	Read the Operation and Safety Manual. Perform pre-start inspection.
STEP 2	Select platform controls
STEP 3	Pull out both E-Stops
STEP 4	Start Engine Below -7°C (20°F) run engine for 15 min. before operating machine.
STEP 5	Verify axles are extended and jib is locked before lifting boom
STEP 6	Select appropriate platform capacity
STEP 7	Select desired Boom Control
STEP 8	Enable footswitch
STEP 9	Operate Machine

Controls and Indicators



Axles

Axles must be extended and the Axle Set light must be on to elevate the boom. To extend the axles, use the Axle Extend switch while driving forward or reverse.



Jib

Jib must be deployed and the Jib Lock Pin must be engaged to elevate the boom. To actuate the jib, use the Jib Stow switch.

The Platform Capacity must be set to 230 kg (500 lb.) in order to operate the jib.



Drive Orientation Override

If operating drive and the Drive Orientation Light flashes, the drive controls may be opposite from the movement of the controls. To continue: 1) verify the intended drive direction, 2) push and release the Drive Orientation Override switch, and 3) operate drive within 3 seconds.



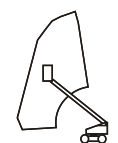
Platform Capacity Select

When Capacity Select is in the 230 kg (500 lb) position, the 230 kg (500 lb) light will be on, and the JLG control system will allow operation within the unrestricted envelope.



When Capacity Select is in the 450 kg (1000 lb) position, the 450 kg (1000 lb) light will be on, and the JLG control system will allow operation within the restricted envelope.

Note: If both capacity lights are flashing, the boom or jib is out of the allowable envelope. Remove platform load over 230 kg (500 lb) and select the 230 kg (500 lb) capacity position.



Automatic

Boom Control Select

When Boom Control Select is in the **Automatic** position, lift and telescope movements are coordinated by the JLG Control System and the automatic platform leveling feature is active during lift, swing, and drive movements.

Note: When in the Automatic position, the coordination of boom movements within the envelope is as follows:

- While operating Lift Up, the boom may also telescope out
- While operating Lift Down, the boom may also telescope in
- While operating Swing or Drive, the boom may lift up or lift down
- While operating Telescope In, the boom may lift down when at high boom angles and the creep light is flashing



Manual

When Boom Control Select is in the **Manual** position, lift and telescope movements are controlled separately by the operator and the automatic platform leveling feature is active only during lift movements.

Note: When in the Manual position, the boom movements will be stopped when the envelope limits are reached. If this occurs, operate the function in the opposite direction, operate a different function, or select the Automatic position.



Boom Control System Warning

If operating a function causes the Boom Control System Warning Light to flash and the platform alarm to sound, the selected movement is not allowed. To continue movement, operate the function in the opposite direction or operate a different function.

⚠ WARNING! The Boom Control System Warning Light may indicate contact of the machine with another structure and continued movement may result in damage to the machine or machine tip over.



Creep Speed

The Creep Speed light acts as a reminder that all functions are set to the slowest speed. The light will be on continuously if the creep switch is selected by the operator. The creep light will flash if the JLG Control System has selected creep speed automatically. This occurs when the boom is near the edge of the envelope or the Boom Control System Warning is active.



Footswitch/Enable

To enable the platform controls, step on the footswitch FIRST and then choose a function within 7 seconds. If no function is selected within 7 seconds, the Footswitch/Enable light will turn off and the footswitch must be released and depressed again.

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STEP 3	Pull out both E-Stops
STEP 4	Start Engine Below 20°F (-7°C) run engine for 15 min. before operating machine.
STEP 5	Verify axles are extended and jib is locked before lifting boom
STEP 6	Select appropriate platform capacity
STEP 7	Select desired Boom Control
STEP 8	Enable footswitch
STEP 9	Operate Machine

Controls and Indicators



Axles

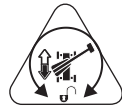
Axles must be extended and the Axle Set light must be on to elevate the boom. To extend the axles, use the Axle Extend switch while driving forward or reverse.



Jib

Jib must be deployed and the Jib Lock Pin must be engaged to elevate the boom. To actuate the jib, use the Jib Stow switch.

The Platform Capacity must be set to 500 lb (227 kg) in order to operate the jib.



Drive Orientation Override

If operating drive and the Drive Orientation Light flashes, the drive controls may be opposite from the movement of the controls. To continue: 1) verify the intended drive direction, 2) push and release the Drive Orientation Override switch, and 3) operate drive within 3 seconds.



Platform Capacity Select

When Capacity Select is in the 500 lb(227 kg) position, the 500 lb(227 kg) light will be on, and the JLG control system will allow operation within the unrestricted envelope.



When Capacity Select is in the 1000 lb (454 kg) position, the 1000 lb (454 kg) light will be on, and the JLG control system will allow operation within the restricted envelope.

Note: If both capacity lights are flashing, the boom or jib is out of the allowable envelope. Remove platform load over 500 lb(227 kg) and select the 500 lb(227 kg) capacity position.



Automatic

Boom Control Select

When Boom Control Select is in the **Automatic** position, lift and telescope movements are coordinated by the JLG Control System and the automatic platform leveling feature is active during lift, swing, and drive movements.

Note: When in the Automatic position, the coordination of boom movements within the envelope is as follows:

- While operating Lift Up, the boom may also telescope out
- While operating Lift Down, the boom may also telescope in
- While operating Swing or Drive, the boom may lift up or lift down
- While operating Telescope In, the boom may lift down when at high boom angles and the creep light is flashing



Manual

When Boom Control Select is in the **Manual** position, lift and telescope movements are controlled separately by the operator and the automatic platform leveling feature is active only during lift movements.

Note: When in the Manual position, the boom movements will be stopped when the envelope limits are reached. If this occurs, operate the function in the opposite direction, operate a different function, or select the Automatic position.



Boom Control System Warning

If operating a function causes the Boom Control System Warning Light to flash and the platform alarm to sound, the selected movement is not allowed. To continue movement, operate the function in the opposite direction or operate a different function.

⚠ WARNING! The Boom Control System Warning Light may indicate contact of the machine with another structure and continued movement may result in damage to the machine or machine tip over.



Creep Speed

The Creep Speed light acts as a reminder that all functions are set to the slowest speed. The light will be on continuously if the creep switch is selected by the operator. The creep light will flash if the JLG Control System has selected creep speed automatically. This occurs when the boom is near the edge of the envelope or the Boom Control System Warning is active.



Footswitch/Enable

To enable the platform controls, step on the footswitch **FIRST** and then choose a function within 7 seconds. If no function is selected within 7 seconds, the Footswitch/Enable light will turn off and the footswitch must be released and depressed again.