

# Model M450AJ

## ARTICULATING BOOM LIFTS



### MORE ECONOMIC

- Electric power for zero emissions and near-silent running indoors.

### MORE PRODUCTIVE

- Stay up and running longer with onboard charging.

### MORE ACCESS

- Get great access to hard-to-reach places with near-vertical jib positioning and 180-degree side-to-side movement.

### SMART DESIGN

- Enjoy industry leading upcycles so you can work longer with higher productivity.

#### Standard Features

- 0.76 m x 1.52 m low mount platform
- Side entry with drop bar mid rail
- Multiple function operation
- Full proportional drive joystick control with integral thumb steer switch
- Full proportional main boom and swing joystick control
- Multiple speed control for lower boom, telescope and jib
- Selectable creep speed on drive / lift and swing functions
- 1.22 m articulating jib
- 180 degree powered platform rotator
- Platform console machine status light panel <sup>1</sup>
- Load sensing system
- AC power cable to platform
- Two Wheel Direct Electric Drive
- Automatic traction control
- Programmable "Personality" settings
- On-board self-diagnostic testing
- Enclosed battery / electrical compartment
- 20 amp automatic battery charger
- Automatic rear wheel brakes
- Sculptured ABS hoods
- 3 degree tilt alarm and indicator light
- Lifting/tie down lugs
- Ground control selector switch with key lock
- Battery condition indicator
- Hour meter
- Horn
- Platform tool tray
- Manual descent system
- 1.75 m narrow frame
- JLG Skyguard active system

<sup>1</sup> Provides indicator lights at platform control console for system distress, low battery, tilt light, and foot switch status.



#### Standard Specifications

Power Source	
• Electrical System	48V DC
• Batteries - deep cycle	8 x 6V 370 A/hr
• Drive Motors	Dual AC Traction
Hydraulic System	
• Hydraulic Motor	Perm. Magnet
Tyres	240/55-17.5 Foam Filled
Generator Set	Kubota OC60 Air-cooled 5 kW

#### Accessories & Options

- 0.76 m x 1.22 m slide bar side entry platform
- 0.76 m x 1.22 m Self closing inward swing gate
- 13 mm air line to platform
- 240/55 - 17.5 non marking foam filled tyres
- 305 A/hr AGM Batteries
- All motion alarm
- Alarm package <sup>2</sup>
- Platform worklights
- Head and tail lights
- Light package <sup>3</sup>
- Amber strobe light
- Euro Plug & Socket
- Acrylic console shield
- Cylinder bellows
- Skyguard beacon (ILOS)
- Synthetic Biodegradable Hydraulic Oil
- Special paint colour

<sup>2</sup> Includes all-motion alarm and amber strobe light.

<sup>3</sup> Includes head & tail lights and platform work lights.



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Aerial Platforms Ltd, Denebrook Court, Greenfold Way, Leigh, WN7 3XJ

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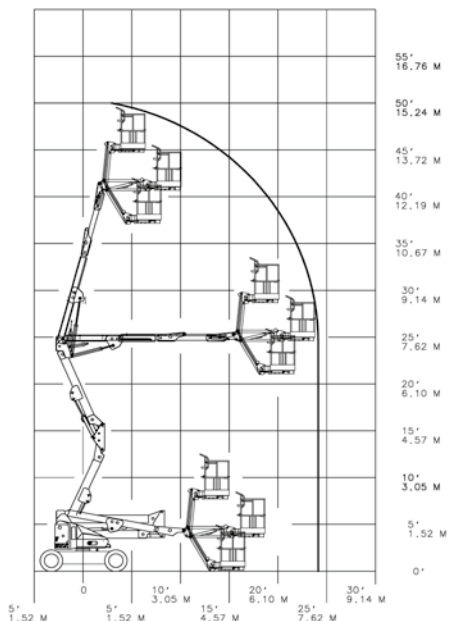
### Performance

• Working Height	15.72 m
• Working Outreach	7.89 m
• Up and Over Height	7.70 m
• Swing (non-continuous)	360°
• Platform Capacity – Unrestricted	230 kg
• Platform Rotator (Hydraulic)	180°
• Jib – Overall Length	1.24 m
• Jib – Range of articulation	144° (+84°/-60°)
A. Platform Size	0.76 m x 1.52 m
B. Overall Width	1.75 m
C. Tailswing (working condition)	Zero
D. Stowed Height	2.01 m
E. Stowed Length	6.45 m
F. Wheelbase	2.01 m
G. Ground Clearance	0.20 m
• Machine weight <sup>1</sup>	6,700 kg
• Maximum Ground Bearing Pressure	5.3 kg/cm <sup>2</sup>
• Drive Speed	5.2 km/h
• Gradeability	30%
• Turning Radius – Inside	0.61 m
• Turning Radius – Outside	3.15 m

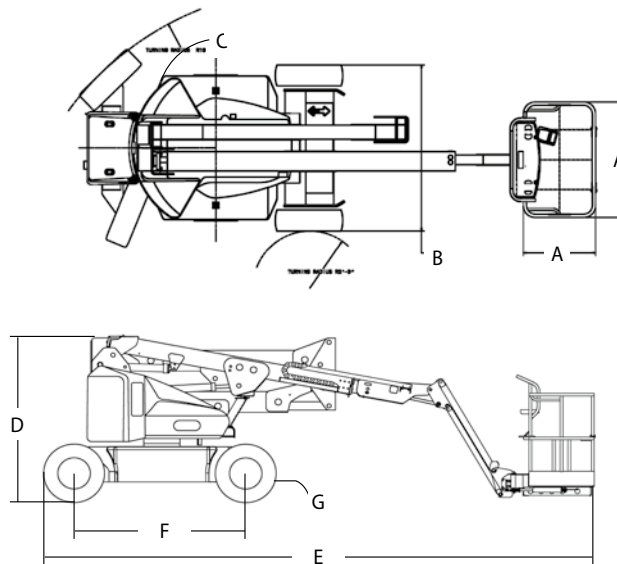
<sup>1</sup> Certain options or country standards may increase weight and/or dimensions.



### Reach Diagram



### Dimensions



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