

Model M450AJ

ARTICULATING BOOM LIFTS



MORE ECONOMIC

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

MORE PRODUCTIVE

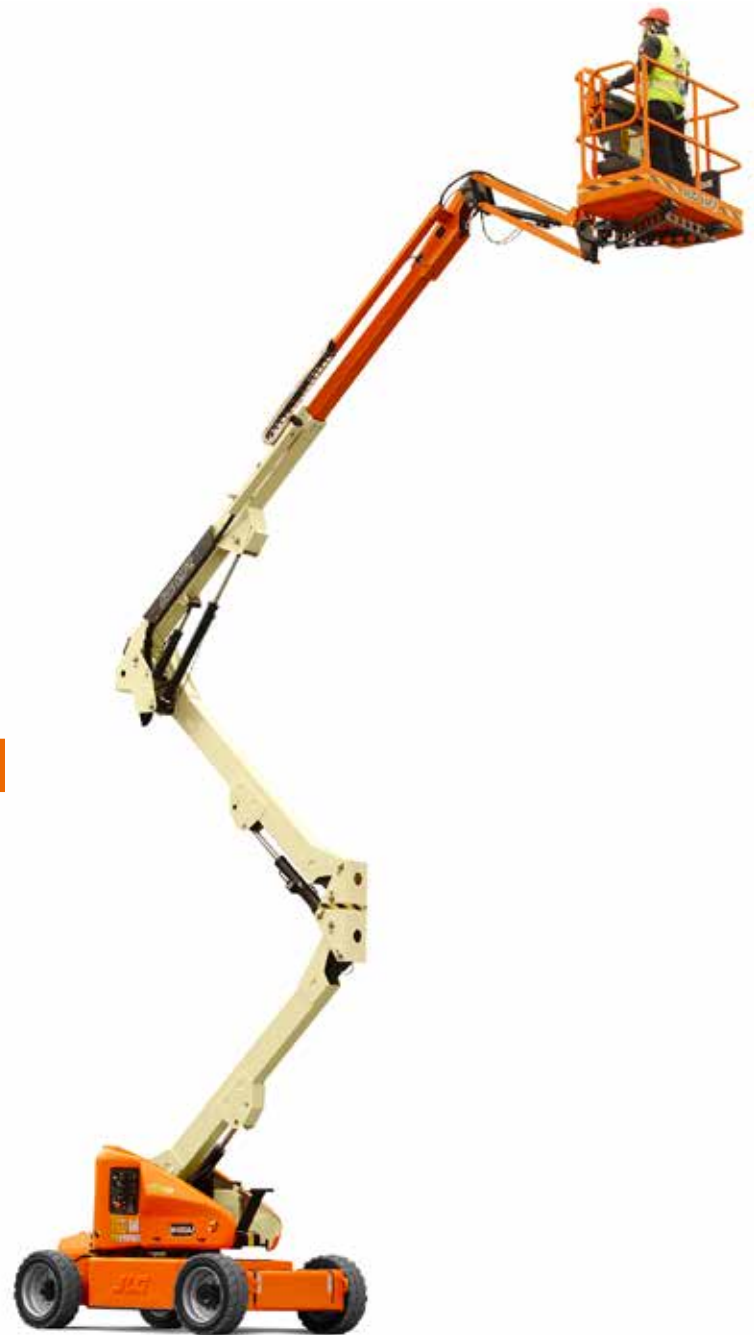
- Stay up and running longer with onboard charging.

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 ¹
- 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

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

Standard Specifications

Power Source	48V DC
• Electrical System	8 x 6V 370 A/hr
• Batteries - deep cycle	Dual AC Traction
• Drive Motors	
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 ²
- Platform worklights
- Head and tail lights
- Light package ³
- Amber strobe light
- Euro Plug & Socket
- Acrylic console shield
- Cylinder bellows
- Skyguard beacon (ILOS)
- Synthetic Biodegradable Hydraulic Oil
- Special paint colour

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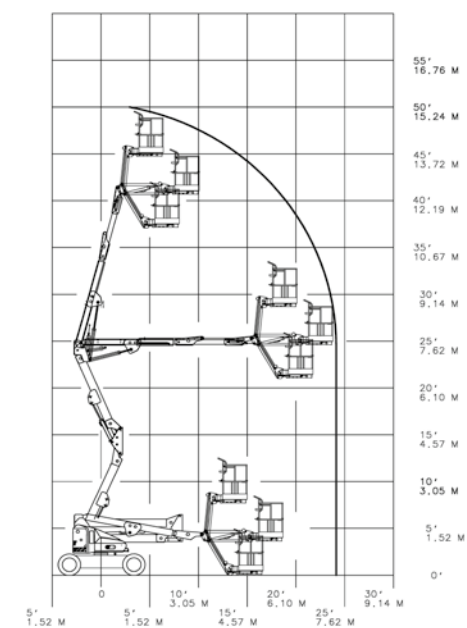
Performance

- 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 ¹ 6,700 kg
- Maximum Ground Bearing Pressure 5.3 kg/cm²
- Drive Speed 5.2 km/h
- Gradeability 30%
- Turning Radius – Inside 0.61 m
- Turning Radius – Outside 3.15 m

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



Reach Diagram



Dimensions

