

## M450AJ Electric Boom Lift Specifications

### Dimensions

Platform Size	30 x 60" / 0.76 x 1.52 m
Overall Width	5' 9" / 1.75 m
Tailswing	Zero
Stowed Height	6' 7" / 2.01 m
Stowed Length	21' 2" / 6.45 m
Wheelbase	6' 7" / 2.01 m
Ground Clearance	8.5" / 22 cm
Weight*	14,700 lb / 6,668 kg
Ground Bearing Pressure**	75 psi / 5.25 kg/cm <sup>2</sup>

### Reach Specifications

Platform Height	45' / 13.72 m
Horizontal Outreach	23' 9" / 7.24 m
Up and Over Height	25' 3" / 7.7 m
Swing	360° Non-Continuous
Platform Capacity	500 lb / 227 kg
Platform Rotator	180° Hydraulic
Jib (Range of Articulation)	141° (+86, -55) Vertical

### Chassis

Drive Speed	3.2 mph / 5.2 kmph
Gradeability	30%
Turning Radius (Inside)	2' / 61 cm
Turning Radius (Outside)	10' 4" / 3.15 m
Tire Size	240/55 x 17.5
Tire Type	Pneumatic

### Power Source

Electrical System	48V DC
Batteries	8 x 6V, 370 amp-hr
Drive Motors	Dual Electric Traction
Brakes	Spring Applied Multiple Discs
Hydraulic Motor/Pump	Perm. Magnet Motor/Gear Pump
Hydraulic Reservoir	4 gal. / 15.14 L
Generator Set (M Models)	45 Amp Kubota 6.7 hp Air-Cooled Engine
Engine Fuel Tank (M Models)	4 gal. / 15.14 L

**Noise Level**

70 dBa @ 7 meters

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