

ELECTRIC ARTICULATING BOOM LIFTS

	E450A	M450A	E450AJ	M450AJ
Platform Height	13.72 m	13.72 m	13.72 m	13.72 m
Horizontal Outreach	7.04 m	7.04 m	7.24 m	7.24 m
Up and Over Height	7.49 m	7.49 m	7.70 m	7.70 m
Swing (non-continuous)	360°	360°	360°	360°
Platform Capacity – Unrestricted	230 kg	230 kg	230 kg	230 kg
Platform Rotator (Hydraulic)	180°	180°	180°	180°
Jib – Overall Length	—	—	1.24 m	1.24 m
Jib - Range of articulation	—	—	141° (+86°/ -55°)	141° (+86°/ -55°)
A. Platform Size	0.76 m x 1.52 m	0.76 m x 1.52 m	0.76 m x 1.52 m	0.76 m x 1.52 m
B. Overall Width	1.75 m	1.75 m	1.75 m	1.75 m
C. Tailswing (working condition)	Zero	Zero	Zero	Zero
D. Stowed Height	1.98 m	1.98 m	2.01 m	2.01 m
E. Stowed Length	5.82 m	5.82 m	6.45 m	6.45 m
F. Wheelbase	2.01 m	2.01 m	2.01 m	2.01 m
G. Ground Clearance	0.22 m	0.22 m	0.22 m	0.22 m
Gross Vehicle Weight ¹	5,940 kg	5,970 kg	6,670 kg	6,700 kg
Drive Speed	5.2 km/h	5.2 km/h	5.2 km/h	5.2 km/h
Gradeability	30%	30%	30%	30%
Tyres	240/55-17.5 Pneumatic	240/55-17.5 Pneumatic	240/55-17.5 Foam Filled	240/55-17.5 Foam Filled
Turning Radius – Inside	0.61 m	0.61 m	0.61 m	0.61 m
Turning Radius – Outside	3.15 m	3.15 m	3.15 m	3.15 m
Electrical System	48V DC	48V DC	48V DC	48V DC
Batteries	8 x 6V 370 A/hr	8 x 6V 370 A/hr	8 x 6V 370 A/hr	8 x 6V 370 A/hr
Drive Motors	Dual Electric Traction	Dual Electric Traction	Dual Electric Traction	Dual Electric Traction
Brakes	Automatic Spring Applied	Automatic Spring Applied	Automatic Spring Applied	Automatic Spring Applied
Hydraulic Motor	Perm. Magnet	Perm. Magnet	Perm. Magnet	Perm. Magnet
Hydraulic Pump	Gear Pump	Gear Pump	Gear Pump	Gear Pump
Hydraulic Reservoir	15 L	15 L	15 L	15 L
Generator Set - Fully Automatic	—	Yanmar Air-cooled 4 kW	—	Yanmar Air-cooled 4 kW
Generator Fuel Tank	—	15 L	—	15 L

¹ Certain options or country standards will increase weight.

Specifications may change to meet country standards or with the addition of optional equipment.



JLG MODELS E450A & M450A

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