مؤسسة رمز ركاز الجودة للتجارة
Ramz Rikaz Al Joudah Trading Est.
C.R. No: 7055068394
VAT No: 312849650600003
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السجل التجاري: ٧٠٥٥٠٦٨٣٩٤
الرقم الضريبي: ٣١٢٨٤٩٦٥٠٦٠٠٠٠٣
٤٦٢٠ شارع رقم ١٠
٣٦٠٢ حي الجزيرة
الرياض ١٤٢٦٢
المملكة العربية السعودية
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Datasheet

Rental JLG E450AJ Electric Articulating Boom Lift

Brand: JLG

JLG E450AJ Electric Articulating Boom Lift available for rent—ideal for quiet, zero-emission indoor and outdoor work. Delivers **13.72 m** platform height with up to **7.24 m** horizontal outreach and a **227 kg** platform capacity. Powered by a **48V DC** system (8 x 6V batteries) with smooth, precise hydraulic controls.

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JLG E450AJ Electric Articulating Boom Lift is a versatile access solution designed for safe, efficient work at height. Its articulating boom configuration helps operators reach up-and-over obstacles and position the platform accurately in tight or congested areas.

The electric drive system supports quieter operation with no on-site exhaust emissions, making it well-suited for indoor facilities, warehouses, malls, airports, and other sensitive environments, while still performing reliably on outdoor sites when ground conditions allow.

With intuitive controls and smooth boom motion, the E450AJ helps improve productivity for maintenance, installation, fit-out, and general construction tasks. Built-in safety features and stable handling contribute to confident operation when following site procedures and manufacturer guidelines.

Ideal for projects that require clean operation, precise positioning, and dependable access performance.

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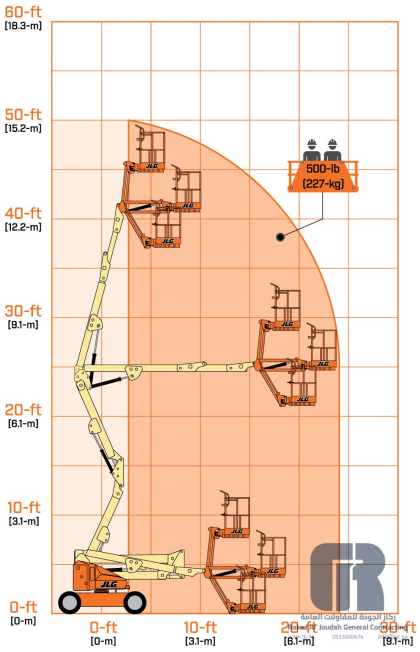

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Technical Specifications

Rental JLG E450AJ Electric Articulating Boom Lift

Specification	Value
Manufacturer	JLG Industries Inc.
Model	E450AJ
Equipment Type	Electric Boom Lift
Country of Origin	China
Platform Capacity	227 kg
Platform Height	13.72 m
Horizontal Outreach	7.24 m
Up-and-Over Height	7.7 m
Overall Length	6.45 m
Overall Width	1.75 m
Overall Height	2.01 m
Platform Length	1.52 m
Platform Width	76 cm
Wheelbase	2.01 m
Ground Clearance	20 cm
Operating Weight	6532 kg
Turning radius (inside) (2WS/4WS)	0.61 m
Turning radius (outside) (2WS/4WS)	3.15 m
Tires (standard)	240/55 on 444.5 mm rim (foam-filled / non-marking)
Tires (optional)	Approx. 660 × 178 × 508 mm (converted); plus 240/55 on 444.5 mm rim (foam-filled)
Travel Speed	7.2 km/h
Gradeability	30%
Platform Rotation	180° (hydraulic)
Ground bearing pressure	7.6 kg/cm²
Electrical system	48 V DC
Drive motors	Dual electric traction
Hydraulic System Capacity	15.14 L
Motor / pump	Permanent magnet motor / gear pump
Batteries (standard)	8 × 6 V / 375 amp-hr

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Specification	Value
Standard Features	110 V AC receptacle in platform; 12 V DC auxiliary power; 180° hydraulic platform rotator; 3° tilt cut-out; 76×152 cm platform; All motion alarm; Automatic traction control (ATC); Battery condition indicator; Brushless AC motors; Center storage tray; Clea
Standards compliance	Meets or exceeds applicable ANSI and CSA requirements (as stated)
Key features	Automatic Traction Control for uneven surfaces; Longer duty cycles for productivity; Zero emissions; Enhanced up-and-over access with jib
Accessories & options	12.7 mm airline to platform; Ambient white noise alarm; Batteries: 305 amp-hr AGM; Bolt-on fall arrest system: 76×122 cm / 76×152 cm (see option notes); Inverter: 2000 W (see option notes); Light packages; Platform mesh to mid or top rail (see option note
Option notes	1) Requires self-closing gate. 2) Not available with UL EE rating. 3) Not compatible with bolt-on fall arrest / platform mesh / platform rail extensions / SkySense or soft touch (excludes option noted). 4) Requires additional counterweight. 5) Compatible
Swing	360° (non-continuous)
Jib range of articulation (vertical)	141° (+86° / -55°)
Tailswing	0 cm
Warranty	1 year full coverage; 5 years major structural components (as stated)
Datasheet part number	3131132 (R1025_06)
Notes	All dimensions are approximate; Certain options or country standards increase weight; Additional accessories/options available via JLG Aftermarket.