



www.rjc.sa - info@rjc.sa

رکاز الجودة للمقاولات العامة

Rakaz Al Joudah General Contracting

C.R. No: 2050175808

السجل التجاري: ٢٠٤٧٠٨

VAT NO: 30114388870003

الرقم الضريبي: ٣٠١٤٣٨٨٨٧

7279 Al Khobar Al Janubiyah

الخبر جنوبية ٧٢٧٩

5207 Al khobar 34622

الخبر ٥٢٧ ٣٤٦٣٢٢

Saudi Arabia

المملكة العربية السعودية

Datasheet

Rental JLG E450AJ Electric Articulating Boom Lift

Brand: JLG



Short Description

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.



www.rjc.sa - info@rjc.sa

رکاز الجودة للمقاولات العامة

Rakaz Al Joudah General Contracting

C.R. No: 2050175808

السجل التجاري: ٢٠٨٠٧٠٨

VAT NO: 301143888700003

الرقم الضريبي: ٣٠٠١٤٣٨٨٨٧

7279 Al Khobar Al Janubiyah

الخمر جنوبية ٧٢٧٩

5207 Al khobar 34622

الخمر ٥٢٧ ٣٤٦٢٢

Saudi Arabia

المملكة العربية السعودية

Full Description

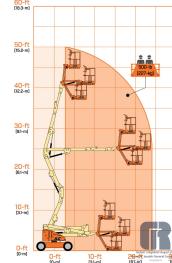
JLG E450AJ Electric Articulating Boom Lift is a versatile access solution designed for safe, efficient work at height. Its articulating boom configuration helps operators reach up-and-over obstacles and position the platform accurately in tight or congested areas.

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.

Images





www.rjc.sa - info@rjc.sa

رکاز الجودة للمقاولات العامة

Rakaz Al Joudah General Contracting

C.R. No: 2050175808

VAT NO: 301143888700003

7279 Al Khobar Al Janubiyah

5207 Al khobar 34622

Saudi Arabia

السجل التجاري: ٢٠٨٠٨٠٨

الرقم الضريبي: ٣٣٤٣٨٨٨٧

٧٢٧٩ الخبر جنوبية

٣٤٦٣٢٢ الخبر ٥٢٧

المملكة العربية السعودية

Technical Specifications

Rental JLG E450AJ Electric Articulating Boom Lift

Specification	Value
Model	E450AJ
Manufacturer name	JLG Industries Inc.
Country of origin	China
Equipment type	Electric Boom Lift
Platform height	13.72 m
Horizontal outreach	7.24 m
Up and over clearance	7.7 m
Platform capacity	227 kg
Swing	360° (non-continuous)
Platform rotator	180° (hydraulic)
Jib range of articulation (vertical)	141° (+86° / -55°)
Weight	6532 kg
Ground bearing pressure	7.6 kg/cm ²
Max drive speed	7.2 km/h
Gradeability	30%
Turning radius (inside) (2WS/4WS)	0.61 m
Turning radius (outside) (2WS/4WS)	3.15 m
Electrical system	48 V DC
Batteries (standard)	8 × 6 V / 375 amp-hr
Drive motors	Dual electric traction
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)
Hydraulic system capacity	15.14 L
Motor / pump	Permanent magnet motor / gear pump
Platform width	76 cm
Platform length	1.52 m
Machine width	1.75 m
Tailswing	0 cm
Machine height	2.01 m
Machine length	6.45 m



www.rjc.sa - info@rjc.sa

رکاز الجودة للمقاولات العامة

Rakaz Al Joudah General Contracting

C.R. No: 2050175808

السجل التجاري: ٢٠٨٠٨٠٦٠٣

VAT NO: 301143888700003

الرقم الضريبي: ٣٠٣٨٨٧١٤٣

7279 Al Khobar Al Janubiyah

الخبار جنوبية ٧٢٧٩

5207 Al khobar 34622

الخبار ٣٤٦٢٢ ٥٢٧

Saudi Arabia

المملكة العربية السعودية

Specification	Value
Wheelbase	2.01 m
Ground clearance	20 cm
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)
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
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
Warranty	1 year full coverage; 5 years major structural components (as stated)
Standards compliance	Meets or exceeds applicable ANSI and CSA requirements (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.