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# 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: ٢٠٥٠١٧٥٨٠٨

الرقم الضريبي: ٣٠١١٤٣٨٨٨٧٠٠٠٣

٧٢٧٩ الخبر جنوبية

٥٢٠٧ الخبر ٣٤٦٢٢

المملكة العربية السعودية

## Datasheet

### Rental JCB A45E Electric Articulated Boom Lift

Brand: JCB



#### Short Description

**JCB A45E Electric Articulated Boom Lift** delivers zero-emission operation with class-leading performance for indoor and outdoor work.

- **Max platform height:** 13.84 m
- **Horizontal reach:** 7.47 m • **Up-and-over:** 7.48 m
- **Platform capacity:** 300 kg • **Rotation:** 160°
- **Turret rotation:** 355° • **Wind rating:** 12.5 m/s
- **Drive:** 4WD • **Max speed (stowed/raised):** 7.0 / 0.87 km/h
- **Power:** 48 V battery (VISION EVL16-400A-AM, 400 Ah)
- **Tyres:** Foam-filled, non-marking 33×12D610
- **Safety & monitoring:** Electronic crush protection, on-screen diagnostics, JCB LiveLink



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## Full Description

### JCB A45E Electric Articulated Boom Lift

The JCB A45E is an all-electric articulated boom designed for productive work indoors and outdoors. It delivers zero emissions, low noise, and confident performance with a 300 kg platform capacity and smooth proportional control.

#### Highlights

- **Max platform height:** 13.84 m
- **Horizontal reach:** 7.47 m · **Up-and-over:** 7.48 m
- **Platform capacity:** 300 kg · **Platform rotation:** 160°
- **Turret rotation:** 355° · **Wind rating:** 12.5 m/s
- **Drive:** 4WD · **Max speed (stowed/raised):** 7.0 / 0.87 km/h
- **Gradeability:** 40%

#### Dimensions (stowed)

- **Length:** 7.04 m
- **Width:** 2.26 m
- **Height:** 2.23 m
- **Wheelbase:** 2.03 m
- **Tail swing:** 0.12 m
- **Ground clearance:** 0.31 m
- **Operating weight:** 7,750 kg

#### Platform

- **Platform size:** 0.84 m (L) × 1.84 m (W)
- **Platform height (entry):** 1.24 m
- **Entry type:** Drop bar · **Entries:** 3
- **Occupancy:** 2 persons
- **Electronic crush protection:** Standard

#### Power & Electrics

- **System voltage:** 48 V
- **Batteries:** VISION EVL16-400A-AM, 400 Ah
- **Tilt sensor setting:** 5°

#### Driveline & Steering

- **Drive:** 4WD
- **Steer type:** 2WS
- **Turning radius (inside/outside):** 2.65 m / 4.67 m
- **Max circle (folded):** 5.96 m

#### Tyres

- **Type:** Foam-filled, non-marking
- **Size:** 33×12D610

#### Monitoring, Safety & Build

- On-screen diagnostics · JCB LiveLink (Std)
- Electronic crush protection (Std) · Slew lock · Emergency override



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المملكة العربية السعودية

- External hose and harness routing
- Regenerative motors · Function speed control · Oscillating steering axle
- Puncture-proof tyres

All specifications are for the A45E model and may change without notice. Performance can vary with conditions and configuration.

## Images





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المملكة العربية السعودية

## Technical Specifications

### Rental JCB A45E Electric Articulated Boom Lift

Specification	Value
Weight	7750 kg
Length (stowed)	7.04 m
Width (stowed)	2.26 m
Height (stowed)	2.23 m
Wheelbase	2.03 m
Tail swing	0.12 m
Ground clearance	0.31 m
Platform length	0.84 m
Platform width	1.84 m
Platform height	1.24 m
Entry type	Drop bar
Entry number	3
Occupancy	2 persons
Capacity	300 kg
Platform rotation	160°
Electronic crush protection	Standard
Drive	4WD
Max stowed speed	7.0 km/h
Max raised speed	0.87 km/h
Gradeability	40 %
Tyre type	&quot;Foam-filled
Tyre size	33x12D610
System voltage	48 V
Battery make	VISION
Battery model	EVL16-400A-AM
Battery capacity	400 Ah
Tilt sensor setting	5°
Steer type	2WS
Turning radius (inside)	2.65 m
Turning radius (outside)	4.67 m
Max circle in folded position	5.96 m
Platform height (max)	13.84 m



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Specification	Value
Horizontal reach	7.47 m
Up-and-over clearance	7.48 m
Turret rotation	355°
Max wind speed	12.5 m/s
Features	&quot;Regenerative motors
Weight	7750 kg
Length (stowed)	7.04 m
Width (stowed)	2.26 m
Height (stowed)	2.23 m
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Ground clearance	0.31 m
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Platform width	1.84 m
Platform height	1.24 m
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Entry number	3
Occupancy	2 persons
Capacity	300 kg
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Electronic crush protection	Standard
Drive	4WD
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Gradeability	40 %
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Max wind speed	12.5 m/s
Features	&amp;amp;amp;quot;Regenerative motors