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ركز الجودة للمقاولات العامة Rakaz Al Joudah General Contracting

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Saudi Arabia

السجل التجاري: ٢٠٥٠١٧٥٨٠٨

الرقم الضريبي: ٣٠١١٤٣٨٨٨٧٠٠٠٣

٧٢٧٩ الخبر جنوبية

٥٢٠٧ الخبر ٣٤٦٢٢

المملكة العربية السعودية

Datasheet

Rental Articulating Boom Lift Model AR14J

Brand: LGMG



Short Description

The AR14J is a compact diesel articulating boom lift built for rough-terrain sites. It delivers 16.09 m working height, 7.67 m horizontal outreach, and a 230 kg platform capacity for two occupants.

- Working height: 16.09 m | Platform height: 14.09 m
- Horizontal outreach: 7.67 m | Up-and-over: 7.56 m
- Platform size: 1.83 × 0.76 m | Capacity: 230 kg
- 355° turntable with 160° platform rotator
- 4WD with oscillating axle | Gradeability: 45%
- Drive speed: 6.1 km/h stowed, 0.8 km/h raised
- Deutz EU V / Tier 4f engine, 36.4 kW
- Foam-filled RT tyres, auto-level platform, tilt and overload protection



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Full Description

The AR14J is a diesel articulating boom lift engineered for reliable access on rough-terrain jobsites. It combines a 16.09 m working height, 7.67 m horizontal outreach, and a 230 kg platform capacity to carry two occupants with tools. A tight chassis and full-height drive let operators position fast and work precisely around obstacles.

Key highlights

- Working height: 16.09 m; platform height: 14.09 m
- Horizontal outreach: 7.67 m; up-and-over: 7.56 m
- Platform size: 1.83 × 0.76 m; capacity: 230 kg (2 occupants)
- 355° turntable with 160° platform rotator for precise positioning
- 4WD with oscillating axle and 45% gradeability
- Drive speed: 6.1 km/h stowed; 0.8 km/h raised
- Deutz EU V / Tier 4f engine, 36.4 kW (48.8 hp)

Work envelope and reach

The dual-articulation boom clears obstacles up to 7.56 m and maintains stable outreach at height. Zero tailswing and compact stowed dimensions (L 6.766 m, W 2.31 m, H 2.17 m) support maneuvering in congested areas.

Traction and stability

- Permanent 4WD with oscillating axle improves traction on uneven ground
- Foam-filled rough-terrain tyres, 848 × 315 mm
- Ground clearance: 0.36 m; wheelbase: 2.059 m

Controls and protection

- Proportional joysticks for smooth lift and drive
- Platform auto-level and 160° rotator enhance positioning
- Tilt alarm with lift cut-out and overload sensing
- Descent alarm with beacon, emergency stop at platform and base
- On-board diagnostics for quick troubleshooting

Powertrain and service

- Deutz diesel engine compliant with EU V / Tier 4f
- Fuel tank: 65 L; hydraulic oil: 130 L
- Machine weight (CE/ANSI): 7,160 kg

Standard equipment

- Full-height drive; AC power to platform; platform toolbox
- Anti-crush protection; horn and hour meter
- Foam-filled non-marking tyres (RT pattern)

Typical applications

- Steel erection, cladding, and façade work
- MEP installation and commissioning
- Facilities maintenance and outdoor industrial sites
- Infrastructure and utility work where up-and-over access is required



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٥٢٠٧ الخبر ٣٤٦٢٢

المملكة العربية السعودية

Compliance

Meets EN 280 and ANSI 92.20 requirements.

Images





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المملكة العربية السعودية

Technical Specifications

Rental Articulating Boom Lift Model AR14J

Specification	Value
Manufacturer	LGMG
Country of Origin	China
Model	AR14J
Max working height	16.09 m
Platform height	14.09 m
Horizontal outreach	7.67 m
Up-and-over height	7.56 m
Stowed length	6.766 m
Stowed width	2.31 m
Stowed height	2.17 m
Platform size (L x W)	1.83 x 0.76 m
Platform capacity	230 kg
Max occupants (in/out)	2 / 2
Wheelbase	2.059 m
Ground clearance	0.36 m
Drive speed (stowed)	6.1 km/h
Drive speed (raised)	0.8 km/h
Gradeability (stowed)	45%
Platform rotator	160°
Turntable rotation	355°
Turntable tailswing	0
Turning radius (inside)	1.94 m
Turning radius (outside)	4.41 m
Tyres	RT foam-filled
Engine	Deutz EU V / Tier 4f
Fuel tank	65 L
Hydraulic oil	130 L
Machine weight (CE/ANSI)	7
Standards	EN 280 / ANSI 92.20
Standard features	Proportional control; tilt alarm with lift cut-out; overload sensing; descent alarm with beacon; platform auto-leveling; emergency stop; on-board diagnostics; oscillating axle; 4WD with brake; over-tilt protection; anti-crush protection; horn/hour meter;