

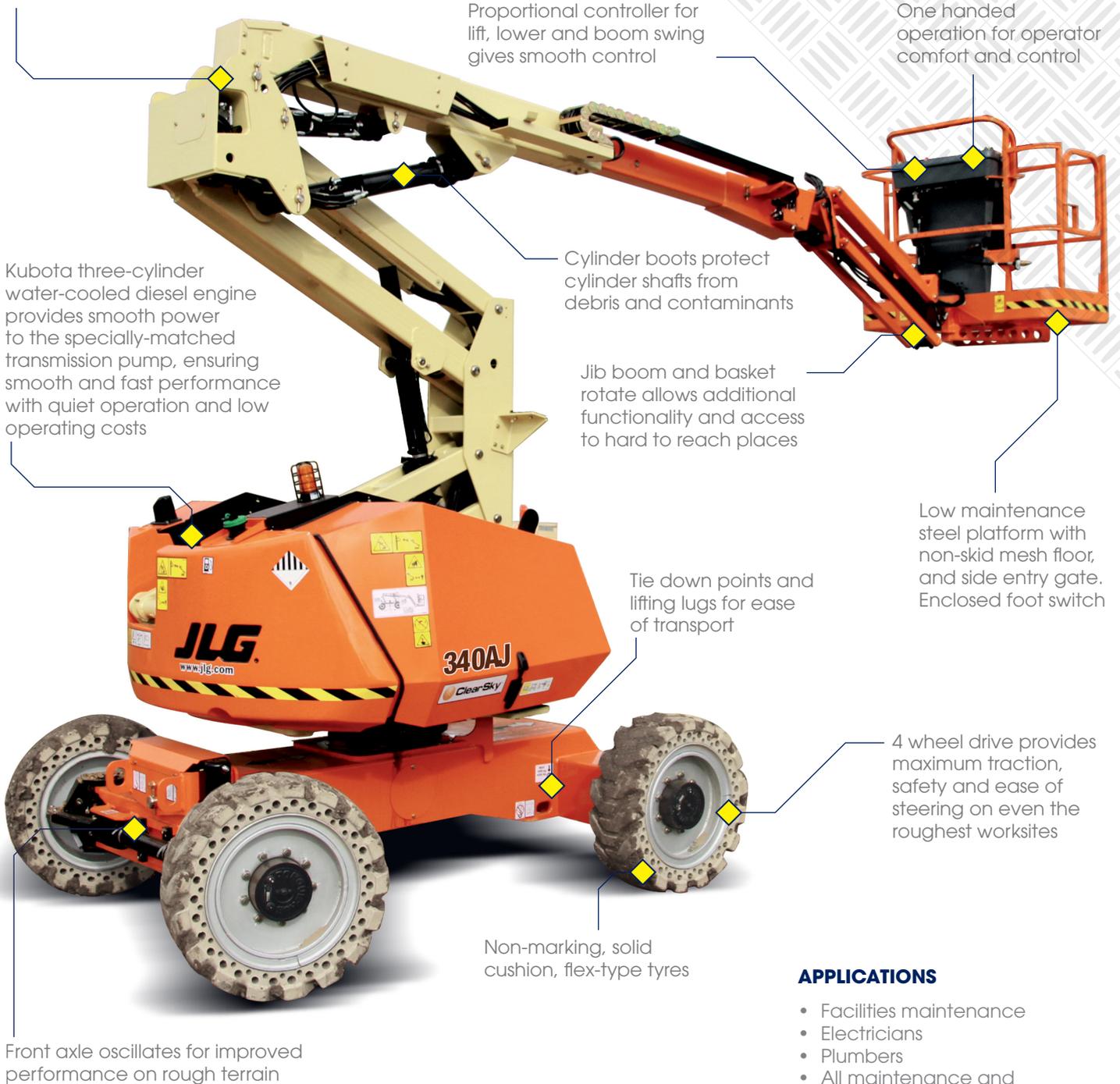
# ARTICULATING BOOM LIFT



**Allcott Hire**  
All Equipment. All for Hire. All Areas.

## 340AJ

Articulated boom function provides increased outreach at height and allows fast operation from ground to full height, using upper boom lift and main boom, telescope and jib



Proportional controller for lift, lower and boom swing gives smooth control

One handed operation for operator comfort and control

Kubota three-cylinder water-cooled diesel engine provides smooth power to the specially-matched transmission pump, ensuring smooth and fast performance with quiet operation and low operating costs

Cylinder boots protect cylinder shafts from debris and contaminants

Jib boom and basket rotate allows additional functionality and access to hard to reach places

Low maintenance steel platform with non-skid mesh floor, and side entry gate. Enclosed foot switch

Tie down points and lifting lugs for ease of transport

4 wheel drive provides maximum traction, safety and ease of steering on even the roughest worksites

Non-marking, solid cushion, flex-type tyres

Front axle oscillates for improved performance on rough terrain

### APPLICATIONS

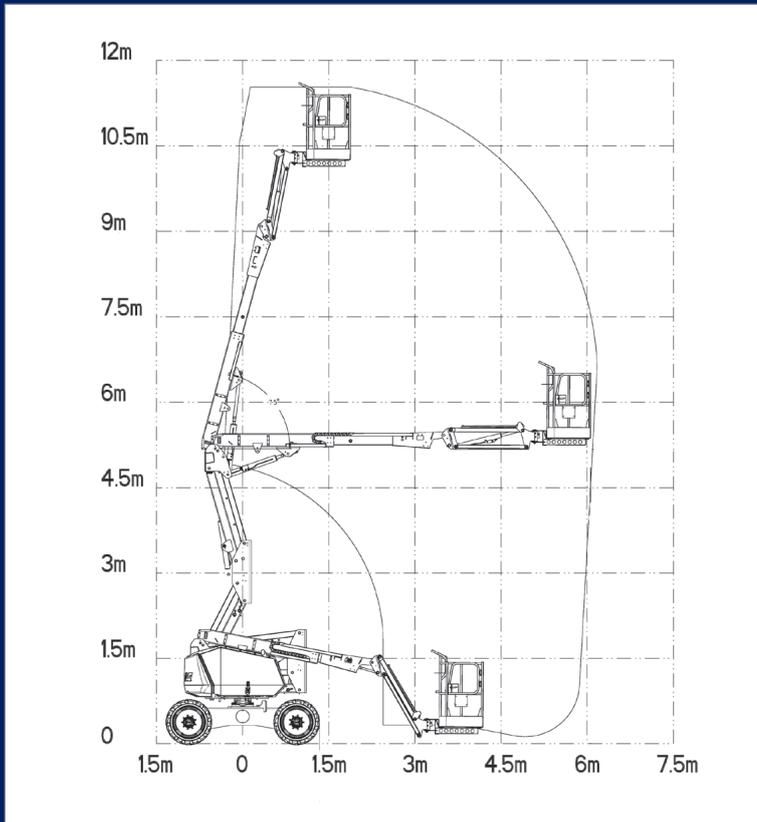
- Facilities maintenance
- Electricians
- Plumbers
- All maintenance and construction work
- Factory fit-outs before electrical power is connected

# ARTICULATING BOOM LIFT



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### QUESTIONS TO ASK

- What are the ground conditions in the work area?
- What are the site conditions travelling around the site?
- What is the working height needed for the job?
- What is the up-and-over outreach required for the job?
- Do you need an extension lead outlet in the platform?

### KEY SELLING POINTS

- Smooth control, proportional hydraulic four-wheel drive
- Proportional lift and swing controls at the platform
- Oscillating front steer axle assists four-wheel drive traction
- Tight steering turning circle
- Jib boom and basket rotate
- Cylinder boots protect cylinder rods from overspray and contaminants
- Non-marking solid cushion flex-type tyres
- Multi-axis 3-degree tilt alarm/indicator light
- Plug-in JLG analyser at platform and base to indicate system functions for servicing and adjustment
- Tier 4 Kubota D1105, 17.8kW three-cylinder diesel engine with exhaust purifier

### SPECIFICATIONS

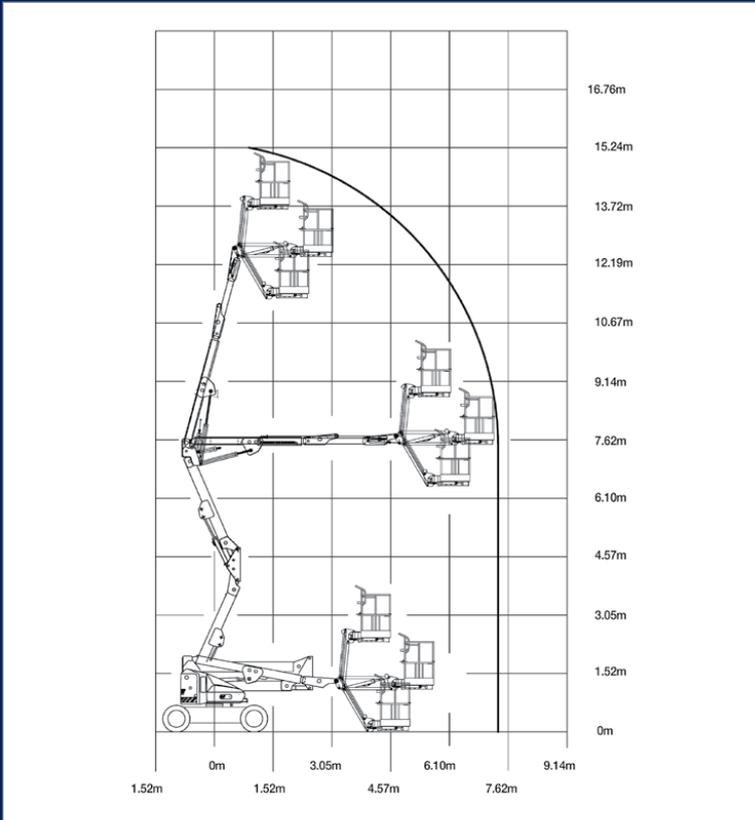
<b>Performance</b>	
Platform Height (max.)	10.33m
Working Height	12.33m
Platform Rotation Angle	180°
Jib Raise Angle	+84°
Jib Lower Angle	-60°
Jib Articulation Range	144°
Maximum Horizontal Outreach	6.07m
Up and Over Height	5.18m
Platform Capacity	230kg
Slewing Angle	355° non continuous
<b>Dimensions</b>	
Stowed Length	5.52m (3.98m with jib stowed)
Stowed Height	2.0m (2.16m with jib stowed)
Overall Width	1.93m
Wheelbase	1.87m
Ground Clearance	0.237m
Platform Width	0.76m
Platform Length	1.52m
Overall Jib Length	1.22m
Tailswing	0.05m
Axle Oscillation	Standard
<b>Power</b>	
Power Source	Diesel
Engine Make	Kubota
Engine Model	D1105
Engine Power	17.8 kW
System Voltage	12 V DC
<b>Travel</b>	
Tyre Size	30x10-18 FA
Tyre Type	Non-marking, Solid Flex Cushion
Inside Turn Radius	1.52m
Outside Turn Radius	3.96m
Gradeability	45%
Drive Speed Lowered	4.98km/h
<b>Weights and Capabilities</b>	
Fuel Tank Capacity	45 Ltr
Hydraulic Tank Capacity	75 Ltr
GVW	4,400kg

# ELECTRIC ARTICULATING BOOM LIFT



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## E450AJ



### QUESTIONS TO ASK

- What are the ground conditions in the work area?
- What is the working height needed for the job?
- What is the up and over reach required for the job?
- Do you need an extension lead outlet in the platform?
- Do you need non-marking tyres?
- Do you have 240V AC power on site?

### KEY SELLING POINTS

- Smooth control, proportional electric drive, with two speed ranges
- Proportional lift and swing controls at the platform
- Jib boom and basket rotate
- Cylinder boots protect cylinder rods from overspray and contaminants
- Non-marking urethane filled tyres
- Multi axis 4 degree level sensor.
- Plug in JLG analyser at platform and base to indicate system functions for servicing and adjustment

### SPECIFICATIONS

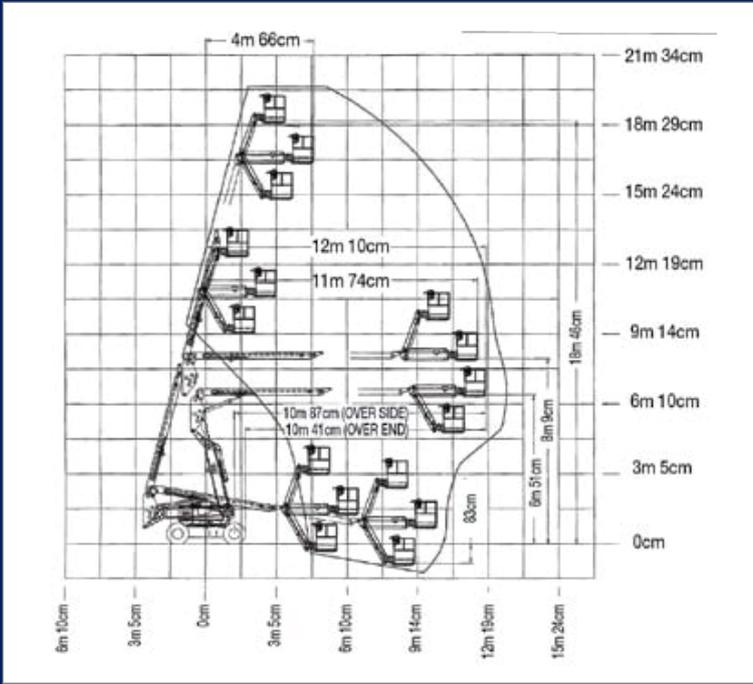
<b>Performance</b>	
Platform Height (max.)	13.72m
Working Height	15.72m
Platform Rotation Angle	180°
Jib Raise Angle	86°
Jib Lower Angle	55°
Jib Articulation Range	141°
Maximum Horizontal Outreach	7.24m
Platform Capacity	230kg
Slewing Angle	360°
Continuous Slew	No
<b>Dimensions</b>	
Stowed Length	6.50m
Stowed Height	2.01m
Overall Width	1.75m
Wheelbase	2.01m
Ground Clearance	0.22m
Platform Width	1.52m
Platform Length	0.76m
Overall Jib Length	1.24m
Tailswing	0m
<b>Power</b>	
Power Source	Electric DC
DC Voltage	48V
DC Power	370 Amp h
<b>Travel</b>	
Tyre Size	240/55-17.5
Tyre Type	Foam Fill
Inside Turn Radius	0.61m
Outside Turn Radius	3.15m
Gradeability	30%
<b>Weights and Capabilities</b>	
Hydraulic Tank Capacity	15 Ltr
Operating Weight	6,670kg

# ARTICULATING BOOM LIFT



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## 600AJ



### QUESTIONS TO ASK

- What are the ground conditions in the work area?
- What are the site conditions travelling around the site?
- What is the working height needed for the job?
- What is the outreach required for the job?
- What is the UP and OVER height needed to reach when working in congested sites?
- Do you need an extension lead outlet in the platform?
- Will inbuilt Miller 5.5kVA generator make the job easier?

### KEY SELLING POINTS

- Smooth control, proportional hydraulic 4 wheel drive, with two speed ranges
- Proportional lift and swing controls at the platform for fast functionality
- Oscillating front steer axle with the boom within
- 10 degrees of centre, assists 4 wheel drive traction
- 4 wheel steer
- Jib boom and basket rotate
- Knuckle boom arrangement allows fast operating speeds.
- Cylinder boots protect cylinder rods from overspray and contaminants
- Lug pattern urethane filled tyres
- Multi axis 4 degree level sensor
- Plug in JLG analyser at platform and base to indicate system functions for servicing and adjustment
- Deutz Engine F4M2011 5DZXL03. High speed, 4 cylinder, liquid (oil cooled), 48.5kW engine functions for servicing and adjustment
- Tier 4 Kubota D1105, 17.8kW three-cylinder diesel engine with exhaust purifier

### SPECIFICATIONS

<b>Performance</b>	
Platform Height (max.)	18.29m
Working Height	20.29m
Platform Rotation Angle	180°
Jib Raise Angle	70°
Jib Lower Angle	65°
Jib Articulation Range	135°
Maximum Horizontal Outreach	12.12m
Platform Capacity	230kg
Slewing Angle	360°
Continous Slew	Yes
<b>Dimensions</b>	
Stowed Length	8.83m
Stowed Height	2.57m
Overall Width	2.44m
Wheelbase	2.44m
Ground Clearance	0.30m
Platform Width	2.44m
Platform Length	0.91m
Overall Jib Length	1.83m
Tailswing	0m
Axle Oscillation	Std
<b>Power</b>	
Power Source	Diesel
Engine Make	Deutz
Engine Model	D2011 L04
Engine Power	48kW
Genset	5.5kVA Miller
Auxiliary Power	12V Pump
<b>Travel</b>	
Tyre Size	14 x 17.5
Tyre Type	Foam Fill
Inside Turn Radius	1.68m
Outside Turn Radius	3.56m
Gradeability with 4WD	45%
Drive Speed - 4WD	7.68km/h
Maximum Ground Bearing Pressure	5.25kg/cm2
<b>Weights and Capabilities</b>	
Fuel Tank Capacity	113.56 Ltr
Hydraulic Tank Capacity	115.83 Ltr
Operating Weight	11,900kg