

# 600AJ Articulating Boom Lift



Proportional controller for lift and lower and boom swing give smooth control

One handed operation for operator comfort and control. Proportional drive controller, gives smooth control

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

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

Load Sensing System

QuikStick® boom function allows fast operation from ground to full height using upper boom lift and telescope and jib

Increased up and over height and elevated drive allow easy access to multi level construction and fabrication positions

Deutz oil cooled engine and transmission pump to match drive and function power and performance

## APPLICATIONS

- Facilities maintenance
- Electricians
- Plumbers
- All maintenance and construction work
- Factory fit outs before electrical power is connected
- Steel building fabrication and pipe installation
- Steel cladding contractors

4 wheel steer with operator selectable individual steer function for ease of operation

Tie down and lifting lugs for ease of transport

Urethane filled, puncture proof lug tyres

4 wheel drive with hydraulic piston 2 speed motors, gear reduction hubs and spring applied brakes for 4 wheel drive traction, provides maximum traction and ease of steering

Front axle oscillates when travelling with counterweight over steer tyres, assists in accessing difficult sites

## 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 an 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 D2011 L04. High speed, 4 cylinder, liquid (oil cooled), 48.5kW engine pre-glow and post-glow feature reduces emissions



## SPECIFICATIONS

### Performance:

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°
Continuous Slew	Yes

### Dimensions:

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

### Power:

Power Source	Diesel
Engine Make	Deutz
Engine Model	D2011 L04
Engine Power	48kW
Genset	5.5kVA Miller
Auxiliary Power	12V Pump

### Travel:

Tyre Size	14 x 17.5
Tyre Type	Urethane Filled
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/cm <sup>2</sup>

### Weights and Capabilities:

Fuel Tank Capacity	113.56 Ltr
Hydraulic Tank Capacity	115.83 Ltr
Operating Weight	11,900kg