

ENGINE POWERED ARTICULATING BOOM LIFTS

AB18J PLUS (AB610J PLUS)

Compliant with AS 1418 · 10 standards

HIGHLIGHTS

Enhanced Working Performance

- Maintains leading performance in maximum working height, horizontal outreach, and up-and-over clearance
- Maximum platform capacity to 340 kg (750 lbs), enabling more tools and personnel, improving job efficiency
- Active oscillating function in both working and stowed states, and a tilt rating of up to 5°, providing adaptability to more rugged road surfaces and strong field operation ability

Advanced Operator Experience

- Equipped with a 7" intelligent HMI display for smoother operation, easier maintenance, and enhanced user experience
- 4WD + 4WS high-performance configuration for great gradeability, off-road capability, and smooth maneuverability

Durable & Cost-Efficient

- Reinforced, optimized structural design improves durability and extends service life
- High parts compatibility across models improves service efficiency and reduces total cost of ownership



Standard Features

4WD × 4WS	Fault diagnosis system	Telematic ready
Hydraulic platform leveling	Display screen	Battery isolator
Flashing beacon	Emergency lowering system	Secondary guarding system
Proportional control	Weight management system	White noise alarm
Tilt protection system	Non-marking tires	Half-mesh for platform
Manual storage box		

Options & Accessories

Wheel nut indicators	Panel lifting system	Telematic device
Fire extinguisher/Bracket	Mine spec	Driving light
Pipe lifting system	AC power to platform	

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Model	AB18J PLUS (AB610J PLUS)
Dimensions	
Max Platform Height	18.58 m (60'11")
Max Working Height	20.58 m (67'6")
Max Horizontal Reach (250 kg/340 kg)	12 m/10.7 m (39'4"/35'1")
Max Horizontal Working Envelope (250 kg/340 kg)	12.6 m/11.3 m (41'4"/37'1")
Max Up and Over Clearance	7.98m (26'2")
A Machine Length (Stowed/Transport)	8.8 m (28'10")
B Machine Width (Stowed/Transport)	2.49 m (8'2")
C Machine Height (Stowed/Transport)	2.54 m (8'4")
D Wheelbase	2.49 m (8'2")
Ground Clearance	0.42 m (1'5")
Platform Size (L×W×H)	2.44 m × 0.91 m × 1.1 m (8' × 3' × 3'7")
Performance	
Max Platform Capacity (Restricted /Unrestricted)	340 kg /250 kg (750 lbs/551 lbs)
Max Platform Occupants	2 persons
Drive Speed (Stowed)	0 ~ 4.8 km/h (0 ~ 3 mph)
Drive Speed (Raised)	0 ~ 1.1km/h (0 ~ 0.68 mph)
Gradeability	40%
Turntable Rotation	360° /Continuous
Platform Rotation	180°
Tilt Rating	5°
Turning Radius (Inside/Outside)- Four-wheel steering	1.63 m/3.59 m (5'4" / 11'9")
Turntable Tail-Swing	0.78 m(2'7")
Max Allowable Side Force	400 N (90 lbf)
Max Allowable Wind Speed	12.5 m/s (28 mph)
Tire Spec/Type	355/55D625 (foam-filled) 36×14-20 (solid)
Power	
Drive × Steer	4 WD×4 WS
Engine	36.4 kW /2200 rpm/D2.9 L4 / Deutz /EU Stage V 36.4 kW /2200 rpm/D2.9 L4 / Deutz / EPA Tier 4F 36 kW/2500 rpm/F2.8CS449 / Cummins / China T4 43 kW/2500 rpm/QSF2.8T3NA60 / Cummins/China T3、 EU Stage 3A
Hydraulic Tank Capacity	130 L (28.6 gal (UK)/34.3 gal (US))
Diesel Tank Capacity	100 L (22.0 gal (UK)/26.4 gal (US))
System Voltage	12 V DC
Weight	
Overall Weight (4WS)	9,620 kg (21,208 lbs)
Standards Compliance	AS 1418 · 10

