

## ENGINE POWERED ARTICULATING BOOM LIFTS

# AB18J (AB600J) / AB25J (AB810J)

Compliant with CE/AS/EAC standards

## PRODUCT HIGHLIGHTS

### Precision Performance

- 3 joysticks with variable proportional control, accuracy in reaching the operation target

### Intelligent Maintenance

- Industry leading 7" screen displays faults and status information, for easy reference, reducing service technician assistance. Workers can complete tasks under the remote guidance of qualified service technicians. Convenient for fleet managers to quickly access live machine and maintenance information

### Reliable

- "Up right" with hydraulic leveling, the secondary boom extension and lift are hydraulic interlocked

### Operating Efficiency

- The working platform can be lifted and lowered to any position without the need to operate the secondary boom



Standard Features		
Oscillating function	7-in display screen	4WD(2WD) × 2WS
Proportional control with 3 joysticks	Automotive-grade sleeves for all pipes	4-wheel brake
Hydraulic platform leveling	160° Platform rotation	Weighing system
Tilt protection system	Max tilt rating to 5°	Emergency stop system
Flashing beacon	Horn & buzzer	Emergency lowering system
Footswitch	1.83 m (6') platform	2.44 m(8') platform
Fault diagnosis system	Foam-filled non-marking tires	Manual storage box
Options & Accessories		
AC power to platform	Solid tires	1.45 m (4'9") platform
1.83 m (8')/2.44 m (8') platform with swinging gate	Platform work light	Secondary guarding device
Overhead anti-collision device	Glazier kit (For platform with swinging gate)	Telematics-ready connector
Half mesh (For platform with swinging gate)		

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Model	AB18J (AB600J)	AB25J (AB810J)
<b>Dimensions</b>		
Max Platform Height	18.3 m (60')	24.6 m (80'9")
Max Working Height	20.3 m (66'7")	26.6 m (87'3")
Max Horizontal Reach	12.2 m (40')	16.1 m (52'10")
Max Up and Over Clearance	7.8 m (25'7")	9.4 m (30'10")
A Stowed Length	8.6 m (28'3")	11.51 m (37'9")
B Stowed Width	2.28 m (7'6")	2.49 m (8'2")
C Stowed Height	2.56 m (8'5")	3.2 m (10'6")
Stowed Length (Transport)	8.6 m (28')	11.51 m (37'9")
Stowed Width (Transport)	2.28 m (7'6")	2.49 m (8'2")
Stowed Height (Transport)	2.56 m (8'5")	3.2 m (10'6")
D Wheelbase	2.44 m (8')	3.05 m (10')
Ground Clearance	0.23 m (9.1")	0.39 m (15.4")
Platform Size (L×W×H)	1.83×0.85×1.1 m (6'×2'9"×3'7")	2.44×0.91×1.1 m (8'×3'×3'7")
<b>Performance</b>		
Max Platform Capacity	250 kg (551lbs)	230 kg (507 lbs)
Max Platform Occupants	2 Persons	2 Persons
Drive Speed (Stowed)	0~5 km/h (0~3.1 mph)	0~4.4 km/h (0~2.7 mph)
Drive Speed (Raised)	0~1.1 km/h (0~0.7 mph)	0~1.1 km/h (0~0.7 mph)
Gradeability	40%	30% (2WD) / 40% (4WD)
Turntable Rotation	360°/Continuous	360°/Continuous
Platform Rotation	160°	160°
Tilt Rating	5°	5°
Turning Radius (Inside/Outside)	3.48 m/6.29 m (11'5"/20'8")	3.0 m/6.33 m (9'10"/20'9")
Turntable Tail-Swing	0.2 m (8")	1 m (3'3")
Max Allowable Side Force	400 N (90 lbf)	400 N (90 lbf)
Max Allowable Wind Speed	12.5 m/s (28 mph)	12.5 m/s (28 mph)
Tire Spec/Type	33×12D610 (Foam-filled)	385/65-22.5 (Foam-filled)
<b>Power</b>		
Drive × Steer	4WD×2WS	4WD (2WD) ×2WS
Engine	43 kW/2500 rpm/ QSF2.8t3NA60 / Cummins/China T3, EU Stage 3A	54 kW/2400 rpm/QSF2.8t3TC72/ Cummins /China T3, EU Stage 3A
Hydraulic Tank Capacity	120 L (26.4 gal(UK)/31.7 gal(US))	180 L (39.6 gal(UK)/47.6 gal(US))
Diesel Tank Capacity	110 L (24.2 gal(UK)/29.1 gal(US))	140 L (30.8 gal(UK)/37.2 gal(US))
System Voltage	12 VDC	12 VDC
<b>Weight</b>		
Weight	10,700 kg (23,589lbs)	17,150 kg (37,809lbs) 4WD

Standards Compliance

CE/AS/EAC

