

## 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 × 2WS
Proportional control with 3 joysticks	Automotive-grade sleeves for all pipes	Secondary guarding device
Hydraulic platform leveling	AC power to platform	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 with swinging gate 2.44 m (8') platform with swinging gate	Telematics-ready connector
Fault diagnosis system	Foam-filled tires (AB18J)/Solid tires (AB25J)	Manual storage box
Options & Accessories		
Foam-filled non-marking tires	Solid non-marking tires	Solid tires
Overhead anti-collision device	Glazier kit	1.45 m (4'9") platform
Platform work light	Half mesh	

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Model	AB18J (AB600J)	AB25J (AB810J)
Dimensions		
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")
Performance		
Max Platform Capacity	250 kg (551 lbs)	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)/45% (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)
Power		
Drive × Steer	4 WD×2 WS	4 WD×2 WS
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
Weight		
Weight	10,700 kg (23,589 lbs)	17,150 kg (37,809 lbs) (4 WD)
Standards Compliance	CE/AS/EAC	

