ENGINE POWERED ARTICULATING BOOM LIFTS

AB18J PLUS (AB610J PLUS)

Compliant with GB/CE/EAC/AS 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, offroad 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	
Full-time oscillation	Four-wheel brake	7-in smart screen
Continuous turntable rotation in 360°	Automotive sleeves for all pipes	Fault diagnosis system
Hydraulic leveling for platform	Platform rotation function	Weighing system
Tilt protection system	Max allowable tilt angle at 5°	Rear position and travel confirmation
Rotating warning light for safety warning	Buzzer	Voice broadcast
Emergency stop system	Emergency lowering system	Mechanical release for travel braking
Proportional control with 3 joysticks	Anti-pinch device	
	Options & Accessories	
AC power device on platform	Solid tire	Non-marking tire
Platform with inward swinging gate $(2.44 \times 0.91 \times 1.1 \text{ m})$	Four-wheel steering	Hydraulic generator
Working light on the platform	Overhead anti-collision device	T-BOX(GPS)
Glazier kit bracket (for platform with inward swinging gate)	Tool box (for platform with inward swinging gate)	Manual storage box
Half-height guardrail (for platform with inward swinging gate)		

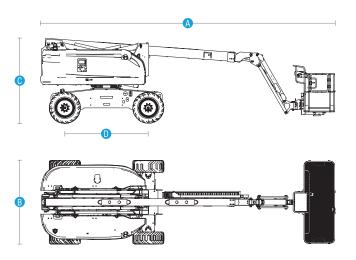


PARTNERS IN ACCESS™

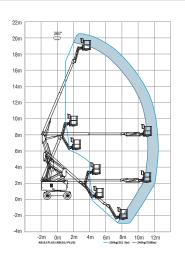
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x Working Height x Horizontal Reach (250 kg/340 kg) x Horizontal Working Envelope (250 kg/340 kg) x Up and Over Clearance lachine Length (Stowed/Transport) lachine Width (Stowed/Transport) lachine Height (Stowed/Transport) 2 lachine Height (Stowed/Transport) 2 lyheelbase 2 lyheelbase 2 lyheelbase 3 lyheelform Size (L×W×H) 2 Perform x Platform Capacity (Restricted /Unrestricted) x Platform Occupants 2 2 2 3 3 3 4 Platform Occupants	18.58 m (60'11") 20.58 m (67'6") 12 m/10.7 m (39'4"/35'1") 12.6 m/11.3 m (41'4"/37'1") 7.98m (26'2") 8.8 m (28'10") 2.49 m (8'2") 2.54 m (8'4") 2.49 m (8'2") 0.42 m (1'5") 2.44 m × 0.91 m × 1.1 m (8' × 3' × 3'7")
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x Up and Over Clearance 7 Ilachine Length (Stowed/Transport) 8 Ilachine Width (Stowed/Transport) 2 Ilachine Height (Stowed/Transport) 2 Ilachine Length (Stowed/Transport) 2 Ilachine Height (Stowed	7.98m (26'2") 8.8 m (28'10") 2.49 m (8'2") 2.54 m (8'4") 2.49 m (8'2") 0.42 m (1'5") 2.44 m × 0.91 m × 1.1 m (8' × 3' × 3'7") nance
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x Platform Capacity (Restricted / Unrestricted) 3 x Platform Occupants 2	nance
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x Platform Occupants 2	3/10 kg /250 kg (750 lbs/551 lbs)
·	570 kg /250 kg (150 lb3/551 lb3/
	2 persons
ve Speed (Stowed) 0	$0 \sim 4.8 \text{ km/h} (0 \sim 3 \text{ mph})$
ve Speed (Raised)	$0 \sim 1.1 \text{km/h} (0 \sim 0.68 \text{ mph})$
deability 4	40%
ntable Rotation 3	360° /Continuous
	180°
Rating 5	5°
rning Radius (Inside/Outside)- Two-wheel steering 2	2.4 m/5.55 m (7'10"/ 18'3")
rning Radius (Inside/Outside)- Four-wheel steering 1	1.63 m/3.59 m (5'4"/11'9")
ntable Tail-Swing 0	0.78 m(2 ['] 7")
x Allowable Side Force 4	400 N (90 lbf)
x Allowable Wind Speed 1	12.5 m/s (28 mph)
e Spec/Type 3	355/55D625 (foam-filled) 36×14-20 (solid)
Power	er
ve × Steer 4	4 WD×2 WS (4 WS)
3 3 3 3 4 3	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 36.8 kW/2200 rpm/YCF3050 / Yuchai /China T4 36.5 kW/2400 rpm/YCF3050 / Yuchai /China T3
draulic Tank Capacity 1	130 L (28.6 gal (UK)/34.3 gal (US))
sel Tank Capacity	100 L (22.0 gal (UK)/26.4 gal (US))
stem Voltage 1	12 V DC
Weigh	
erall Weight (2WS / 4WS)	ht



Standards Compliance



GB/CE/EAC/AS