

ENGINE POWERED ARTICULATING BOOM LIFTS

AB15J PLUS (AB480J PLUS)

Compliant with CE/ANSI/CSA/AS/EAC standards

HIGHLIGHTS

Excellent Rough Terrain Performance

- The machine features great rough terrain performance thanks to its active oscillating function, combined with 4 wheel drive, 40% gradeability and high ground clearance making it easily adaptive to both indoor and outdoor applications

Large Platform Capacity

- Two persons with tools can be easily loaded in the platform to complete jobs efficiently by its leading platform capacity up to 300 kg

Efficient Hydraulic System

- Function pump updated from gear pump to piston pump, could providing more oil flow and higher oil pressure, make the multi boom function better, improve the operation efficiency

Greater Tilt Rating

- The machine can be easily adaptive to terrains where requires greater tilt rating and help to boost work efficiency

Ultimate HMI Experience

- Easy trouble shooting, manuals free. One button for fault inquiry, and all faults will be displayed on the screen without codes, easily readable to minimize downtime
- Easy calibration, tools free. Additional tools are not needed for calibration, all are in the screen



Standard Features		
Active oscillating axle function	Four-wheel brake	Four-wheel drive/Two-wheel steer
Continuous turntable rotation in 360°	7-in smart screen	Fault diagnosis system
Hydraulic leveling for platform	Platform rotation function	Weighing system
Tilt protection system	Max allowable tilt angle at 5°	AC power line to the platform
Flashing beacon	Horn and buzzer for safety warning	Tool tray
Emergency stop system	Emergency lowering system	Swing-out engine tray
Proportional control with 3 joysticks	Foam filled Non-marking tire	Engine preheating
Anti-restart protection for engine	2nd platform rail for hand protection	
Hydraulic diff-lock drive system	Telematics-ready connector	
Manual storage box	Platform with swing gate (1.83 x 0.85 x 1.1 m)(6')	
Options & Accessories		
Half-height guardrail	Solid tire	Working light on the platform
White noise	Platform (1.45 x 0.85 x 1.1 m)(5')	

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Model	AB15J Plus (AB480J Plus)
Dimensions	
Max Platform Height	14.7 m (48'3")
Max Working Height	16.7 m (54'9")
Max Horizontal Reach	8.5 m (27'11")
Max Horizontal Working Envelope	9.1 m (29'10")
Max Up and Over Clearance	7.3 m (23'11")
A Stowed Length	7.49 m (24'7")
B Stowed Width	2.3 m (7'7")
C Stowed Height	2.28 m (7'6")
Stowed Length (Transport)	5.75 m (18'10")
Stowed Width (Transport)	2.3 m (7'7")
Stowed Height (Transport)	2.66 m (8'9")
D Wheelbase	2.3 m (7'7")
Ground Clearance	0.37 m (1'3")
Platform Size (L×W×H)	1.83 m x 0.85 m x 1.1 m (6' x 2'9" x 3'7")
Performance	
Max Platform Capacity	300 kg (661 lbs)
Max Platform Occupants	2 Persons
Drive Speed (Stowed)	4.5 km/h (2.8 mph)
Drive Speed (Raised)	1.0 km/h (0.6 mph)
Gradeability	40%
Turntable Rotation	360° /Continuous 355° /Non-continuous (Optional)
Platform Rotation	180°
Tilt Rating	5°
Turning Radius(Inside/Outside)	1.82 m/4.78 m (6' / 15'8")
Turntable Tail-Swing	0.1 m(4")
Max Allowable Side Force	400 N (90 lbf)
Max Allowable Wind Speed	12.5 m/s (28 mph)
Tire Spec/Type	33×12D610 /foam-filled 33×12-20 /solid
Power	
Drive × Steer	4 WD x 2 WS
Engine	18.2 kW/3000 rpm/ D1105-EF02_CN4 /Kubota//EU stage V、 EPA Tier 4F
Hydraulic Tank Capacity	112 L (24.6 gal (UK)/29.6 gal (US))
Diesel Tank Capacity	55 L (12.1 gal (UK)/14.5 gal (US))
System Voltage	12 V DC
Weight	
Weight	7,700kg (16,976 lbs) (Engine power = 18.2kw) 8,070kg (17,791 lbs) (Engine power ≥ 36kw)
Standards Compliance	CE/ANSI/CSA/AS/EAC

