

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 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°	Rear position and travel confirmation
Rotating warning light for safety warning	Horn and buzzer for safety warning	Mechanical release for travel braking
Emergency stop system	Emergency lowering system	Rotatable engine
Proportional control with 3 joysticks	Automotive sleeves for all pipes	Engine preheating
Anti-restart protection for engine	Automatic engine shutdown in case of Malfunction	Platform with inward swinging gate(1.83 x 0.85 x 1.1 m)
Divider/combiner anti-slip system	Anti-pinch hand device	Tool box (for platform with inward swinging gate)
Manual storage box	Telematics-ready connector	
Options & Accessories		
AC power line to the platform	Solid tire	Non-marking tire
Anti-collision device	Platform (1.45 x 0.85 x 1.1 m)	Working light on the platform
Half-height guardrail (for platform with inward swinging gate)	Cold-weather heating package(Engine power≥36kw)	9kW Hydraulic generator (Only Kubota V2403BM-DI-CT04 configuration is available)
White noise	Oil cooler(Engine power≥36kw)	

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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	7.2 m (23'7")
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	0.35 m (1'2")
Platform Size (L×W×H)	1.83 m × 0.85 m × 1.1 m (6' × 2'9" × 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 × 2 WS
Engine	18.2 kW/3000 rpm/ D1105-EF02_CN4 /Kubota//EU stage V、China IV 43.2 kW/2400 rpm/ V2403-CR-TIE4B-SBM-2/Kubota// EPA Tier 4 36 kW/2600 rpm/ V2403BM-DI-CT04/Kubota// China IV
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

