

ENGINE POWERED ARTICULATING BOOM LIFTS

AB480J PLUS

Compliant with ANSI/CSA standards

HIGHLIGHTS

Excellent Rough Terrain Performance

- Excellent rough terrain performance thanks to its full-time active oscillating front axle, 4 wheel drive capabilities, 40% gradeability and high ground clearance makes it a great choice for both indoor and outdoor applications

Efficient Hydraulic System

- Function manifold driven by new piston pump that provides more flow and pressure, provide multi-boom functions simultaneously, improving over-all operation efficiency

Optimal HMI Experience

- Large 7" color screen provides Deutz engine fault codes, no special hand-held analyzer required, and allows for easy calibrations and trouble shooting



Standard Features		
Full-time oscillating front axle	Swing-out engine tray	Four-wheel drive/Two-wheel steer
Continuous turntable rotation in 360°	7-inch color smart screen	Fault diagnosis system
Automatic platform leveling	Platform rotation function	Weighing system
Tilt protection system	Max allowable tilt angle at 5°	Drive-Enable foot pedal
Flashing beacon	Horn and buzzer	Anti-crush system in platform
Emergency stop system	Emergency lowering system	Full-time active oscillating front axle
Fully proportional controlled joysticks	Hydraulic cylinder protective sleeves	AC power to the platform
Anti-restart protection for engine	Automatic engine shutdown 4WD	Manual storage box
Platform swing gate	Divider/combiner anti-slip system	
Options & Accessories		
Anti-collision device	Solid tire	Non-marking tire
Telematics-ready connector	Platform (4' 9" × 2' 9.5" × 3' 7.5")	Platform work lights
Tool tray	Platform anti-pinch guard rail	White noise

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Model	AB480J Plus
Dimensions	
Max Platform Height	48'3" (14.7 m)
Max Working Height	54'3" (16.5 m)
Max Horizontal Reach	27'11" (8.5 m)
Max Horizontal Working Envelope	29'10" (9.1 m)
Max Up and Over Clearance	23'11" (7.3 m)
A Stowed Length	24'7" (7.49 m)
B Stowed Width	7'7" (2.3 m)
C Stowed Height	7'6" (2.28 m)
Stowed Length (Transport)	18'10" (5.75 m)
Stowed Width (Transport)	7'7" (2.3 m)
Stowed Height (Transport)	8'9" (2.66 m)
D Wheelbase	7'7" (2.3 m)
Ground Clearance	1'3" (0.37 m)
Platform Size (L×W×H)	6' x 2'9" x 3'7" (1.83 m x 0.85 m x 1.1 m)
Performance	
Max Platform Capacity	661 lbs (300 kg)
Max Platform Occupants	2 Persons
Drive Speed (Stowed)	2.8 mph (4.5 km/h)
Drive Speed (Raised)	0.6 mph (1.0 km/h)
Gradeability	40%
Turntable Rotation	360°/Continuous 355°/Discontinuous (Optional)
Platform Rotation	180°
Tilt Rating	5°
Turning Radius(Inside/Outside)	6' / 15'8" (1.82 m/4.78 m)
Turntable Tail-Swing	4" (0.1 m)
Max Allowable Side Force	90 lbf (400 N)
Max Allowable Wind Speed	28 mph (12.5 m/s)
Tire Spec/Type	33×12D610 /foam-filled 33×12-20 /solid
Power	
Drive × Steer	4WD x 2WS
Engine	43.2kW (58hp)/2400rpm/Model: V2403-CR-Tue4B-SBM-2/Kubota T4f 2.43L
Hydraulic Tank Capacity	29.6 gal (24.6 gal (UK)/112 L)
Diesel Tank Capacity	14.5 gal (12.1 gal (UK)/55 L)
System Voltage	12 V DC
Weight	
Weight	16,976 lbs (7,700kg)
Standards Compliance	ANSI/CSA

