

ENGINE POWERED ARTICULATING BOOM LIFTS

AB15J PLUS (AB480J PLUS)

Compliant with GB/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	Secondary guarding device	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
Non-marking tire	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)
Battery isolator	Telematics-ready connector	Tool box (for platform with inward swinging gate)
Options & Accessories		
AC power line to the platform	Solid tire	
Oil cooler(Engine power≥36kw)	Platform (1.45 x 0.85 x 1.1 m)	
Half-height guardrail (for platform with inward swinging gate)	Manual storage box	
Working light on the platform	9kW Hydraulic generator (Only Kubota V2403-CR-TIE4B-SBM-2 configuration is available)	

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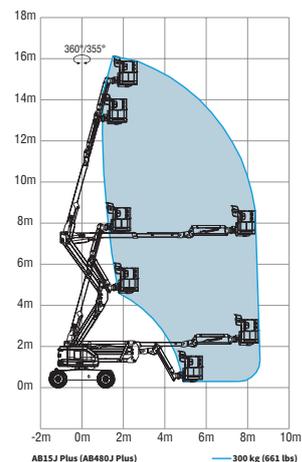
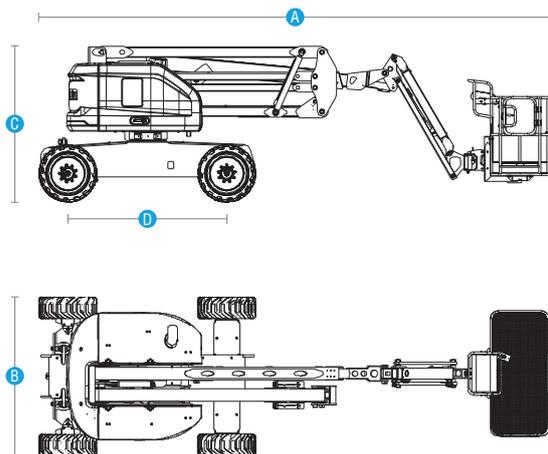
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32-34 Marni Street, Dandenong South, VIC Australia 3175

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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	4WD x 2WS
Engine	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	8,070kg (17,791 lbs) (Engine power≥36kw)
Standards Compliance	GB/CE/ANSI/CSA/AS/EAC



Auckland, Head Office
6-10 Parkway Drive,
Mairangi Bay,
Auckland
(+64) 09 443 2436
sales@yrco.co.nz

Auckland, Mt Wellington
20L Sylvia Park Road,
Mt Wellington,
Auckland
(+64) 09 553 5470
salesmtwell@yrco.co.nz

Waikato
3/31 Chafer Place,
Te Rapa,
Hamilton
(+64) 07 595 0245
saleswaikato@yrco.co.nz

Wellington
8 Broken Hill Road,
Porirua,
Wellington
(+64) 04 212 2456
saleswell@yrco.co.nz

Christchurch
20 Nga Mahi Road,
Sockburn,
Christchurch
(+64) 03 341 6923
saleschch@yrco.co.nz

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