

# 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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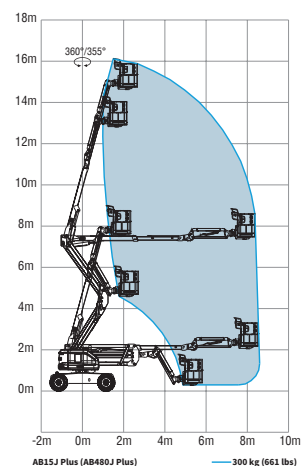
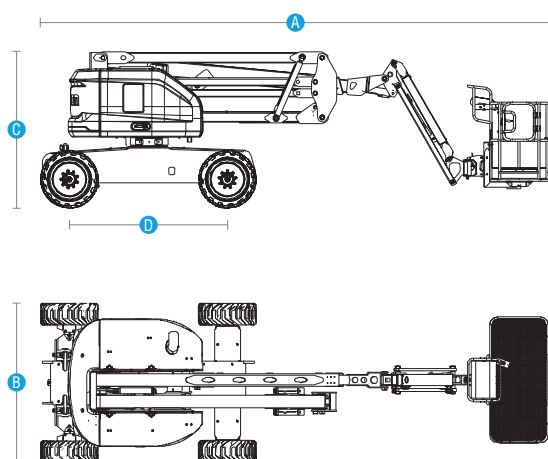
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## AB15J PLUS (AB480J PLUS)

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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                               |  |



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