#### **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



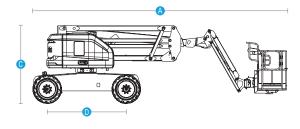
| Standard Features  |  |  |
|--|--|--|
| Active oscillating function                                    | Four-wheel brake                                 | Four-wheel drive/Two-wheel steer   |
| Continuous turntable rotation in 360°                          | 7-in smart screen                                | 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)                                    |
| 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) | Manual storage box                               | Telematics-ready connector   |
| White noise  | Cold-weather heating package(Engine power≥36kw)  | 9kW Hydraulic generator (Only Kubota V2403BM-DI-<br>CT04 configuration is available) |
| Oil cooler(Engine power≥36kw)                                  |  |  |



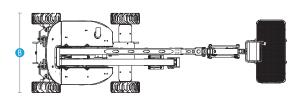
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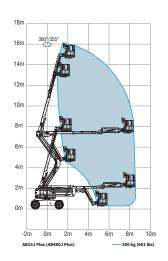
# **ENGINE POWERED ARTICULATING BOOM LIFTS** AB15J PLUS (AB480J PLUS) Compliant with GB/CE/ANSI/CSA/AS/EAC standards

| 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 $\times$ W $\times$ 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                                  | 18.2 kW/3000 rpm/ D1105-EF02_CN4 /Kubota//EU stage V、EPA Tier 4F<br>43.2 kW/2400 rpm/ V2403-CR-TIE4B-SBM-2/Kubota// EPA Tier 4<br>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   |
| 5)5tt                                   | Weight  |
| Weight                                  | 7,700kg (16,976 lbs) (Engine power=18.2kw)<br>8,070kg (17,791 lbs) (Engine power≥36kw)  |



Standards Compliance





GB/CE/ANSI/CSA/AS/EAC