

ENGINE POWERED ARTICULATING BOOM LIFTS

AB18J (AB600J) / AB25J (AB810J)

Compliant with CE/AS/EAC standards

PRODUCT HIGHLIGHTS

Precision Performance

- 3 joysticks with variable proportional control, accuracy in reaching the operation target

Intelligent Maintenance

- Industry leading 7" screen displays faults and status information, for easy reference, reducing service technician assistance. Workers can complete tasks under the remote guidance of qualified service technicians. Convenient for fleet managers to quickly access live machine and maintenance information

Reliable

- "Up right" with hydraulic leveling, the secondary boom extension and lift are hydraulic interlocked

Operating Efficiency

- The working platform can be lifted and lowered to any position without the need to operate the secondary boom



| Standard Features | | |
|---|--|---|
| Oscillating function | 7-in display screen | 4WD × 2WS |
| Proportional control with 3 joysticks | Automotive-grade sleeves for all pipes | Secondary guarding device |
| Hydraulic platform leveling | AC power to platform | Weighing system |
| Tilt protection system | Max tilt rating to 5° | Emergency stop system |
| Flashing beacon | Horn & buzzer | Emergency lowering system |
| Footswitch | 1.83 m (6') platform(AB18J)/2.44 m(8') platform(AB25J) | Telematics-ready connector |
| Fault diagnosis system | Foam-filled tires(AB18J)/Solid tires(AB25J) | Manual storage box |
| Options & Accessories | | |
| Foam-filled non-marking tires | Solid non-marking tires | Solid tires |
| 2.44 m (8') platform with swinging gate | 1.83 m (6') platform with swinging gate | 1.45 m (4'9") platform |
| Overhead anti-collision device | Glazier kit (For platform with swinging gate) | Half mesh (For platform with swinging gate) |
| Platform work light | | |

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Compliant with CE/AS/EAC standards

| Model | AB18J (AB600J) | AB25J (AB810J) |
|---------------------------------|--|---|
| Dimensions | | |
| Max Platform Height | 18.3 m (60') | 24.6 m (80'9") |
| Max Working Height | 20.3 m (66'7") | 26.6 m (87'3") |
| Max Horizontal Reach | 12.2 m (40') | 16.1 m (52'10") |
| Max Up and Over Clearance | 7.8 m (25'7") | 9.4 m (30'10") |
| A Stowed Length | 8.6 m (28'3") | 11.51 m (37'9") |
| B Stowed Width | 2.28 m (7'6") | 2.49 m (8'2") |
| C Stowed Height | 2.56 m (8'5") | 3.2 m (10'6") |
| Stowed Length (Transport) | 8.6 m (28') | 11.51 m (37'9") |
| Stowed Width (Transport) | 2.28 m (7'6") | 2.49 m (8'2") |
| Stowed Height (Transport) | 2.56 m (8'5") | 3.2 m (10'6") |
| D Wheelbase | 2.44 m (8') | 3.05 m (10') |
| Ground Clearance | 0.23 m (9.1") | 0.39 m (15.4") |
| Platform Size (L×W×H) | 1.83×0.85×1.1 m (6'×2'9"×3'7") | 2.44×0.91×1.1 m (8'×3'×3'7") |
| Performance | | |
| Max Platform Capacity | 250 kg (551lbs) | 230 kg (507 lbs) |
| Max Platform Occupants | 2 Persons | 2 Persons |
| Drive Speed (Stowed) | 0~5 km/h (0~3.1 mph) | 0~4.4 km/h (0~2.7 mph) |
| Drive Speed (Raised) | 0~1.1 km/h (0~0.7 mph) | 0~1.1 km/h (0~0.7 mph) |
| Gradeability | 40% | 30% (2WD)/45% (4WD) |
| Turntable Rotation | 360°/Continuous | 360°/Continuous |
| Platform Rotation | 160° | 160° |
| Tilt Rating | 5° | 5° |
| Turning Radius (Inside/Outside) | 3.48 m/6.29 m (11'5"/20'8") | 3.0 m/6.33 m (9'10"/20'9") |
| Turntable Tail-Swing | 0.2 m (8") | 1 m (3'3") |
| Max Allowable Side Force | 400 N (90 lbf) | 400 N (90 lbf) |
| Max Allowable Wind Speed | 12.5 m/s (28 mph) | 12.5 m/s (28 mph) |
| Tire Spec/Type | 33×12D610 (Foam-filled) | 385/65-22.5 (Foam-filled) |
| Power | | |
| Drive × Steer | 4WD×2WS | 4WD×2WS |
| Engine | 43 kW/2500 rpm/ QSF2.8t3NA60 / Cummins/China T3, EU Stage 3A | 54 kW/2400 rpm/QSF2.8t3TC72/ Cummins /China T3, EU Stage 3A |
| Hydraulic Tank Capacity | 120 L (26.4 gal(UK)/31.7 gal(US)) | 180 L (39.6 gal(UK)/47.6 gal(US)) |
| Diesel Tank Capacity | 110 L (24.2 gal(UK)/29.1 gal(US)) | 140 L (30.8 gal(UK)/37.2 gal(US)) |
| System Voltage | 12 VDC | 12 VDC |
| Weight | | |
| Weight | 10,700 kg (23,589lbs) | 17,150 kg (37,809lbs) 4WD |
| Standards Compliance | | CE/AS/EAC |

