

## ARTICULATING BOOM LIFTS

# AB18EJ(AB600EJ)/AB18HJ(AB600HJ)

Compliant with CE/ EAC standards

## PRODUCT HIGHLIGHTS

### Outstanding strength both indoors and outdoors

- Smooth off-road and quiet indoor operation.
- 4WD, 40% gradeability.
- Standard active oscillation, excellent flexibility.

### Excellent performance, safety and reliability

- Smart display for easy machine status and fault diagnosis.
- Auxiliary power system.
- Rexroth controller comply with ISO13849 standard.

### Comfortable and efficient

- The main boom and secondly boom are equipped with angle sensors, to automatically reduce speed and act as a buffer.
- Proportional steering speed reduction technology, for safer driving with no tailswing.



| Standard features                              |                               |                                |
|--|-------------------------------|--------------------------------|
| Platform hydraulic leveling                    | Overload sensing system       | 355° Turntable rotation        |
| Platform 180° hydraulic rotation               | Emergency brake release       | Drive enable system            |
| Display screen                                 | Foam-filled non-marking tyres | 3 proportional joysticks       |
| Fault diagnosis system                         | Lead-acid battery             | Horn and buzzer alarms         |
| Emergency stop system                          | Rexroth system                | Rotating warning lamp          |
| Emergency lowering system with auxiliary power | Tilt angle up to 5°           | <b>2.44m(8') platform</b>      |
| Optional features                              |                               |                                |
| 1.83 m (6') work platform                      | AC cable to platform          | Overhead anti-collision device |
| 1.45 m (4'9") work platform                    | Platform worklight            | Inverter 220V AC power supply  |
| Solid non-marking tires                        |                               |                                |

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| Model                      | AB18EJ(AB600EJ)                  | AB18HJ(AB600HJ)                                      |
|----------------------------|----------------------------------|--|
| <b>Dimensions</b>          |                                  |  |
| Max Platform Height        | 18.2 m (59'9")                   | 18.2 m (59'9")                                       |
| Max Working Height         | 20.2 m (66'3")                   | 20.2 m (66'3")                                       |
| Max Horizontal Extension   | 11.5 m (37'9")                   | 11.5 m (37'9")                                       |
| Max Up and Over Clearance  | 7.5 m (24'7")                    | 7.5 m (24'7")  |
| A Length-Stowed            | 8.7 m (28'7")                    | 8.7 m (28'7")  |
| B Width-Stowed             | 2.49 m (8'2")                    | 2.49 m (8'2")  |
| C Height-Stowed            | 2.56 m (8'5")                    | 2.56 m (8'5")  |
| D Wheelbase                | 2.49 m (8'2")                    | 2.49 m (8'2")  |
| Ground Clearance           | 0.25 m (10")                     | 0.25 m (10")   |
| Platform Dimensions(LxWxH) | 2.44x0.91x1.1m (8'x3'x3'7")      | 2.44x0.91x1.1m (8'x3'x3'7")                          |
| <b>Performance</b>         |                                  |  |
| platform Capacity          | 230 kg (507lbs) / 2 persons      | 230 kg (507lbs) / 2 persons                          |
| Turntable Rotation         | 355 °                            | 355 °  |
| Platform Rotation          | 180 °                            | 180 °  |
| Drive Speed-Stowed         | 6.5 km/h (4mph)                  | 6.5 km/h (4mph)                                      |
| Drive Speed-Raised         | 1.1 km/h (0.68mph)               | 1.1 km/h (0.68mph)                                   |
| Gradeability               | 40 %                             | 40 %   |
| Turning Radius-Inside      | 2.4 m (7'10")                    | 2.4 m (7'10")  |
| Turning Radius-Outside     | 5.55 m (18'3")                   | 5.55 m (18'1")                                       |
| Turntable Tailswing        | 0.8 m (2'7")                     | 0.8 m (2'7")   |
| Tilt Rating                | 5 °                              | 5 °  |
| Drive×Steer                | 4WDx2WS                          | 4WDx2WS  |
| Tire Spec/Type             | 355/55D625 Foam                  | 355/55D625 Foam                                      |
| <b>Power</b>               |                                  |  |
| Engine                     | -                                | Kobota 18.2 kW/D1105-E4B-EU-X1,EU Stage5, EPA Tier4f |
| Batteries                  | 8*6 V,390Ah                      | 8*6 V,390Ah  |
| Control volte              | 12 VDC                           | 12 VDC   |
| Hydraulic Tank Capacity    | 70 L (15.4 gal(UK)/18.5 gal(US)) | 70 L (15.4 gal(UK)/18.5 gal(US))                     |
| <b>Weight</b>              |                                  |  |
| Weight                     | 8,300kg (18,298lbs)              | 8,400kg (18,519lbs)                                  |

Standards

CE/ EAC

