



BOOM LIFT

ARTICULATED BOOM



40-AJ

Diesel Articulated Boom

Full-Featured, Rugged, Simple, Lightweight

- 46 ft. (14 m) Working Height with Standard 5 ft (1.5 m) Jib for 135° Jib Range of Motion
- 600 lbs. (272 kg) Platform Capacity
- 28' 6" (8.7 m) Outreach
- Lightweight at 11,500 lbs. (5215 kg)
- Fit Three on a Truck for Lowest Delivery Cost
- Standard 72" (1.83 m) Platform Including 3-Sided Entry with Swing Gate
- Ergonomic Platform Controls with Proactive Platform Safety System® Option
- Powerful 4WD and Oscillating Front Axle Standard
- Solid Rough Terrain Tires

- 25% Lighter than Most 40 ft. (12.2 m) Class Booms
- A Compact 40-Footer that Improves the ROI in a Tough Class
- Turf and Sand Tire Options for Sensitive Ground Conditions
- More Outreach than 45 ft. (13.7 m) Articulated Booms



Standard Features

Work Area

- 72 in. (1.83 m) Work Platform
- 3-Sided Entry with Swing Gate
- 600 lb. (272 Kg) Platform Capacity
- 160° Platform Rotation
- 135° Jib Range of Motion
- Power to Platform

Performance

- 46 ft. (14 m) Working Height
- 355° Turntable Rotation
- 28.5 ft. (8.7 m) Outreach
- 4WD Closed Loop Positive Traction Drive System
- 40% Gradeability
- Oscillating Axle
- Self-Leveling Platform
- Low Engine RPM Elevated Operation
- Full Drive Height

Control System

- Triple Joystick Interface
- Fully Proportional Multi-Function Controls

Power

- Kubota D1105 Tier 4 Final

Safety

- Emergency Shut-Off on Platform & Chassis
- Auxiliary Power Unit
- Multi-Axis Tilt Sensor
- Tilt Alarm and Horn
- All Motion Alarm
- Tilt Alarm and Horn
- Four Wheel SAHR Braking System
- Automotive Horn
- Engine Shut Down Protection

Other Features

- Hour Meter
- Machine Tie-Downs and Lifting Lugs
- Lanyard Attachments
- Standard Solid RT Tires
- Flashing Beacon (Continuous)

Optional Features

- Platform Control Box Cover
- Platform Work Lights
- Turf Tires
- High Floatation Tires
- Non-Marking Tires
- 7.5 kW Welder Ready Generator
- 3.5 kW AC Generator
- Glazier Package
- Cold Start Package
- Proactive Platform Safety System® (PPSS)
- Xtra-Deck®
- Second Year Extended Warranty



MEC Aerial Work Platforms

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| 40-AJ | US | Metric |
|-------------------------------------|--------------------------------|-----------|
| Heights | | |
| Working Height* | 46 ft.* | 14 m* |
| Platform Height | 40 ft. | 12.2 m |
| Drive Height | 40 ft. | 12.2 m |
| Maximum Outreach | 28.5 ft. | 8.7 m |
| Up and Over Height | 14 ft. | 4.3 m |
| Turntable Swing | 355° | |
| Jib Range of Motion | 135° | |
| Platform Rotation | 160° (80° each side) | |
| Platform Size & Capacity | | |
| Total Lift Capacity | 600 lbs. | 272 kg |
| Personnel Capacity | 2 | |
| Platform Width | 72 in. | 1.83 m |
| Platform Depth | 40 in. | 1.0 m |
| Platform Entry | 1 End Swing Gate, 2 Slide Bars | |
| Dimensions | | |
| Length-Stowed (Overall) | 20 ft. | 6.1 m |
| Width | 96 in. | 2.44 m |
| Overall Height | 95 in. | 2.4 m |
| Tailswing | 12 in. | 30 cm |
| Weight** (Approximately) | 11,500 lbs.** | 5215 kg** |
| Working Conditions | | |
| Drive | 4 Wheel Drive | |
| Gradeability | 40% | |
| Ground Clearance | 8 in. | 20 cm |
| Breakover Angle | 30% | |
| Axle Oscillation | 10° (+5°) | |
| Tires | Solid Rough Terrain | |
| Power | | |
| Power Source | Kubota D1105 Tier 4 Final | |
| Fuel Capacity | 16 gal. | 60 L |
| Hydraulic Oil Capacity | 30 gal. | 113 L |
| Movement | | |
| Turning Radius (Inside) | 72 in. | 1.83 m |
| Drive Speed | 3.2 mph | 5 kph |
| Boom Lift Speed | 35 Seconds | |
| Boom Extend Speed | 20 Seconds | |
| Jib Lift Speed | 15 Seconds | |

*Metric equivalent of working height adds 2m to platform height. U.S. adds 6 ft. to platform height.
 **Weight may vary with certain options or configurations.

Important - MEC lifts must be on a hard level surface while elevated. **Warranty** - MEC Aerial Work Platforms carry a one (1) year warranty on defective component parts and a five (5) year warranty on defective structural parts. This warranty applies to the original owner only. Consult your MEC dealer for warranty details.

Meets or exceeds the requirements of ANSI A92.20 and CSA B354.6.

Specifications subject to change without notice. Photos and diagrams in this brochure are for illustrative purposes only. Contact your MEC distributor for detailed instructions on the proper use and maintenance of this equipment.

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