



45-J Diesel Telescopic Boom

**Full-Featured,
Rugged, Simple,
Reliable**

- 51 ft. (15.5 m) Working Height with Standard 6 ft. (1.8 m) Jib for 135° Jib Range of Motion
- Continuous 360° Turntable Rotation
- Lightweight at 14,250 lbs. (6,460 kg) with 600 lbs. (272 kg) Standard Platform Capacity
- Solid Rough Terrain Tires
- Standard 90 in. (2.3 m) Platform Includes 3-Sided Entry with Swing Gate
- Full-Time Hydrostatic 4WD with Oscillating Front Axle and 40% Gradeability



Lightest Weight for Trucking and Floor Loading

Standard Features

Work Area

- 90 in. (2.3 m) Work Platform
- 3-Sided Entry with Swing Gate
- 600 lbs. (272 kg) Platform Capacity
- 180° Platform Rotation
- 135° Jib Range of Motion
- Power to Platform

Performance

- 360° Continuous Turntable Rotation
- 4WD Closed Loop Positive Traction Drive System
- 40% Gradeability
- Oscillating Axle
- Self-Leveling Platform
- Low Engine RPM Elevated Operation
- Two-Speed Drive Motors
- 50 ft. (15 m) Working Height
- Full Drive Height

Control System

- Triple Joystick Interface
- Fully Proportional Multi-Function Controls

Power

- Kubota V1505 Tier 4 Final

Safety

- Emergency Shut-Off on Platform and Chassis
- Auxiliary Power Unit
- Multi-Axis Tilt Sensor
- Tilt Alarm and Horn
- All-Motion Alarm
- 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
- On-Board Diagnostics
- Flashing Beacon (Continuous)

Optional Features

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



MEC Aerial Work Platforms

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45-J	U.S.	Metric
Heights		
Working Height*	51 ft.	15.5 m
Platform Height	45 ft.	13.7 m
Drive Height	45 ft.	13.7 m
Maximum Outreach	38 ft.	11.6 m
Turntable Swing	360° Continuous	
Jib Range of Motion	135°	
Platform Rotation	180° (90° each side)	
Platform Size & Capacity		
Total Lift Capacity	600 lbs.	272 kg
Personnel Capacity	2	
Platform Width	96 in.	2.4 m
Platform Depth	40 in.	1.0 m
Platform Entry	1 End Swing Gate, 2 Slide Bars	
Dimensions		
Length-Stowed (Overall)	28 ft.	8.5 m
Width	96 in.	2.4 m
Overall Height	95 in.	2.4 m
Tailswing	35 in.	89 cm
Weight** (Approx.)	14,250 lbs.	6,460kg
Working Conditions		
Drive	4 Wheel Drive	
Gradeability	40%	
Ground Clearance	12 in.	30 cm
Breakover Angle	22° (40%)	
Axle Oscillation	10° (± 5°)	
Tires	Solid Rough Terrain	
Power		
Power Source	Kubota V1505 Tier 4	
Fuel Capacity	20 gal.	76 L
Hydraulic Oil Capacity	40 gal.	151 L
Movement		
Turning Radius (Inside)	78 in.	1.9 m
Drive Speed	3.2 mph	5 km/h
Boom Lift Speed	30 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. Weight changes for the 2021 new ANSI.

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. as applicable.

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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