

Features

Work Area

Non-skid Metal Deck Construction

4,000 lb (1800 kg) Combined Platform Capacity:

3,000 lb (1350 kg) Material Load Zone: 54" (137 cm) Square in Center of Platform
PLUS

1,000 lb. (450 kg) Distributed Load for up to four (4) Workers and Tools

Easy Access Sliding Side Gates for Material Loading

Pinless Guardrail System for quick & simple guard rail lowering

AC Power to the Platform

Performance

Fully Proportional Drive and Lift Controls

Oscillating front and rear axles for frame leveling ability

18" (.46m) ground clearance

High-Torque Power Package with Four Wheel Drive

180° Platform Rotation

Dual front Stabilizers

One-Touch Chassis Leveling

Control System

Triple Joystick Interface

Fully Proportional Multi-Function Controls

Engine/Power

Two-speed Drive Motors

Kubota Turbo Diesel Engine

Engine Shutdown Protection

Serviceability

Large Swing Module Doors for access to all components

On-board Diagnostics Center

Logically grouped components and numbered wiring for easy reference

Safety & Other Features

Emergency shut-off at platform and lower controls

Twelve (12) Lanyard Attachments

12V DC Auxiliary Power Unit

Multi-Axis Tilt sensor

Tilt Alarm and Horn

Foam-Filled R4 Lug Tread Tires

Four Wheel Disc Brakes

Platform Swing Gate

Hour Meter

Powder Coat Finish

Machine Tie-Downs and Lifting Lugs

Optional Features & Accessories

Flashing Beacon (continuous)

Automotive Horn

Air Line to Platform, ½ in.

(1.27 cm) Inner Diameter

Platform Control Box Cover

Panel Cradle Package

Platform Work Lights

Water Line to Platform

Hostile Environment Kit

Diesel Scrubber Muffler with Spark Arrestor

12kW 3-Phase 275A Welder-Ready Generator

AC Generator (120V/60Hz - 3000W)

AC Generator (240V/50Hz - 2500W)

Weld Leads to Platform

Cold Start Package

Arctic Package

Non-marking tires

Glazier Kit

Pipe Carrier Kit

CE Compliant Options

CSA compliant options

1 or 2 year extended warranty



MEC Aerial Work Platforms

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Model	TITAN BOOM™ 40-S	
	U.S.	Metric
Working Envelope		
Working Height*	46'	14.2 m*
Platform Height	40'	12.2 m
Maximum Drive Height	30'	9.1 m
Maximum Forward Telescope (with Stabilizers)	26' 6"	8 m
Maximum Rearward Platform	11' 6"	3.5 m
Platform Slider Boom Travel	5' 10"	1.8 m
Platform Rotation	180° (+90°, -90°)	
Maximum Horizontal Translation	55' @22' Elevation	16.7 m@6.7 m Elevation
Platform Size and Capacity		
Capacity Total	4,000 lbs	1800 kg
Material Load (within Load Zone)	3,000 lbs	1350 kg
Personnel and Equipment	1,000 lbs	450 kg
Platform Length	22'	6.7 m
Platform Width	90"	2.28 m
Machine Dimensions		
Length (length with ladder removed)	22' 6" (22' 0")	6.9 m (6.7 m)
Width (shipping width)	96" (90")	2.44 m (2.28 m)
Loading Height	69"	1.75 m
Height With Rails Folded	79"	2 m
Weight	23,950 lbs	10860 kg
Working Conditions		
Gradeability	40%/22°	
Ground Clearance	18"	46 cm
Wheelbase	152"	3.85 m
Approach Angle	38%/21°	
Breakover Angle	40%/22°	
Frame Leveling (each side)	10°	
Power		
Engine	Kubota Turbo Diesel Engine	
Fuel Tank Capacity	32 gallons	120 liters
Hydraulic Oil Capacity	40 gallons	150 liters
Movement		
Steering modes	2WS, 4WS, Crab Steer	
Inside Turning Radius (4WS)	8'	2.4 m
Outside Turning Radius (4WS)	19'	5.8 m
Drive Speed (Stowed)	4 MPH	6.4 km/h
Drive Speed (Elevated)	0.5 MPH	0.8 km/h
Boom Lift Speed	50 sec	
Boom Lower Speed	50 sec	
Boom Extend Speed	30 sec	
Boom Retract Speed	30 sec	
Platform Translation Speed	15 sec	

*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.

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.

Meets or exceeds the requirements of ANSI A92.5 and CSA B354.4-02 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.