



Your material load here!

Three machines in one:

The capacity of a telehandler, the work area of an Ultra-Deck scissor lift, plus the reach and rotation of a boom!

Construction Grade Self-Propelled Booms

Model Titan Boom™ 40-S

- Up to 46' (14 m) working height
- Ultra-Deck with 4,000 lb (1800 kg) combined material and personnel capacity
- Huge 22 feet x 90 inch (6.7 m x 2.28 m) deck area
- Three steering modes: 2 Wheel Steer, 4 Wheel Steer, and Crab steer
- Amazing 180° platform rotation plus additional telescope to get in close to work areas
- Frame leveling up to 10° (each side)
- Stabilizer support for platform stability on heavy duty job sites with "one-touch" auto-leveling
- Dual sliding centered side-rails for fast and simple material loading into Load Zone
- Fully-proportional smooth controls on all boom and drive functions
- Gradeability of 40%



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
 P L U S
 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)	Diesel Scrubber Muffler with Spark Arrestor
Automotive Horn	12kW 3-Phase 275A Welder-Ready Generator
Air Line to Platform, ½ in. (1.27 cm) Inner Diameter	AC Generator (120V/60Hz - 3000W)
Platform Control Box Cover	AC Generator (240V/50Hz - 2500W)
Panel Cradle Package	Weld Leads to Platform
Platform Work Lights	Cold Start Package
Water Line to Platform	Arctic Package
Hostile Environment Kit	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.

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