



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  
 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)	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
<b>Working Envelope</b>		
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
<b>Platform Size and Capacity</b>		
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
<b>Machine Dimensions</b>		
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
<b>Working Conditions</b>		
Gradability	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°	
<b>Power</b>		
Engine	Kubota Turbo Diesel Engine	
Fuel Tank Capacity	32 gallons	120 liters
Hydraulic Oil Capacity	40 gallons	150 liters
<b>Movement</b>		
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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