

Standard Features

Work Area

Non-skid Metal Deck Construction
 4,000 lb (1800 kg) Combined Platform Capacity;
 3,000 lb (1350 kg) Material Load Zone in Center of Platform
 PLUS

1,000 lb (450 kg) Distributed Load for up to four (4) Workers and Tools
 Stainless Steel Wire Rope Lanyard Anchors for Full Platform Mobility
 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 74 HP Tier 4 Final Turbo Diesel
 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
 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

Optional Features & Accessories

Flashing Beacon (Continuous)
 Automotive Horn
 Air Line to Platform, ½ in. (1.27 cm) Inner Diameter
 Platform Control Box Cover
 Platform Work Lights
 Water Line to Platform
 Hostile Environment Kit
 CE Compliant Options
 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 Side Attachments
 Platform Canopy
 Pipe Cradle
 Cladding Rack
 Pipe Rack
 Sheet Material Rack
 Glazier Rack
 Work Bench
 Second Year Extended Warranty



MEC Aerial Work Platforms
 1401 S. Madera Ave. | Kerman, CA 93630 | USA
 Toll Free: 1.877.MEC LIFT | 1.877.632.5438
 Tel: 559.842.1500 | Fax: 559.842.1520
 Email: info@mecawp.com | www.mecawp.com

MEC® & Titan Boom® are registered trademarks of California Manufacturing & Engineering Co., LLC. Protected by multiple patents, see website for details. 97001 DTD 1021

| 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 | 74" | 1.9 m |
| Height with Rails Folded | 84" | 2.14 m |
| Weight | 24,250 lbs | 11,000 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 74 HP Tier 4 Final Turbo Diesel | |
| 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 A92.20 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.

Distributed by:



Construction Grade Self-Propelled Booms

Titan Boom® 40-S

- Up to 46' (14 m) working height
- Ultra-deck with 4,000 lb (1800kg) Combined Material and Personnel Capacity
- Huge 22 ft. x 90 in. (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
- Smooth, Fully-proportional Controls on all Boom and Drive Functions
- 40% Gradeability



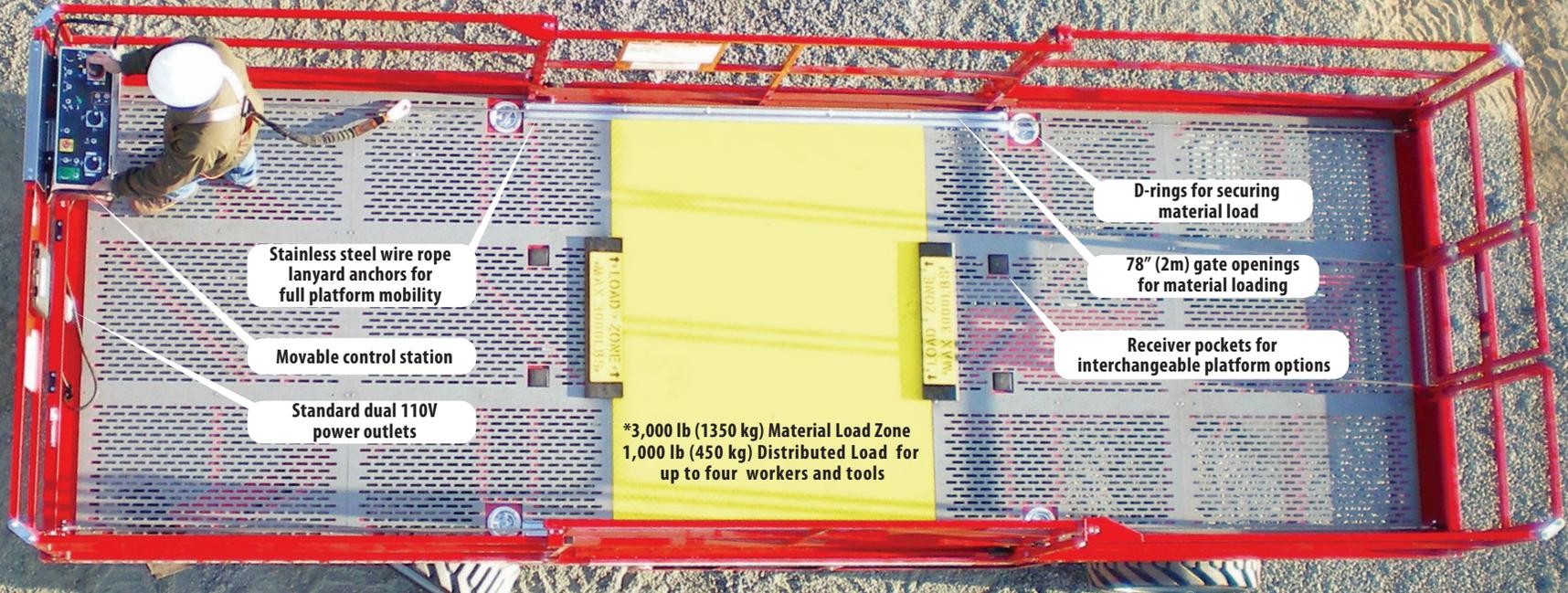
Capacity of a Telehandler
 Work Area of an Ultra-deck Scissor Lift
 Reach and Rotation of a Boom



TITAN BOOM® SERIES

YOUR WORKSHOP IN THE SKY

4,000 lb (1800 kg) Total Capacity*



Stainless steel wire rope lanyard anchors for full platform mobility

Movable control station

Standard dual 110V power outlets

*3,000 lb (1350 kg) Material Load Zone
1,000 lb (450 kg) Distributed Load for up to four workers and tools

D-rings for securing material load

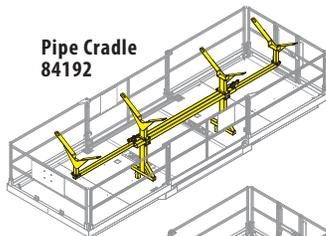
78" (2m) gate openings for material loading

Receiver pockets for interchangeable platform options

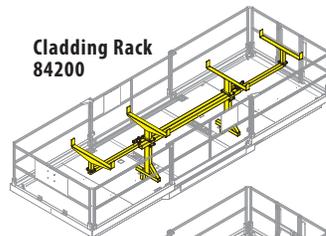
Optional Platform Power

- 3kW A/C Generator
- 12kVA Welder-Ready 3-Phase Generator
- Air Line
- Auxiliary Hydraulic Circuit

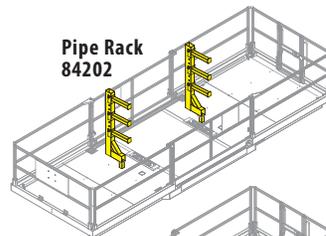
Optional Platform Accessories



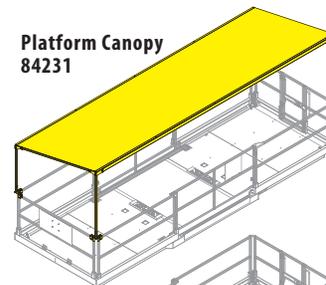
Pipe Cradle
84192



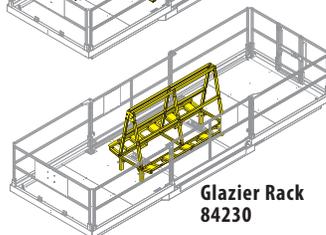
Cladding Rack
84200



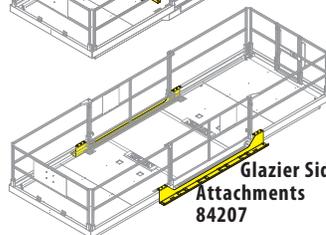
Pipe Rack
84202



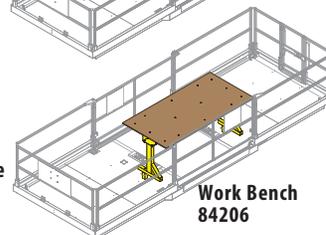
Platform Canopy
84231



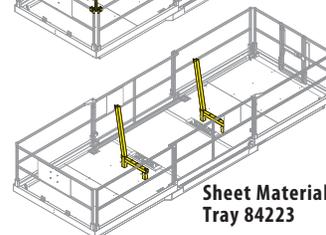
Glazier Rack
84230



Glazier Side Attachments
84207



Work Bench
84206



Sheet Material Tray
84223

