135-RJ

Diesel Telescopic Boom

MAX SERIES
TELESCOPIC BOOM

Get MAX Boom performance for the most demanding jobs with MEC's 135-RJ Diesel Telescopic Boom

Set-in-Place Axle Deployment

This patented technology enables axle deployment without requiring machine movement or jacks, allowing set-up to occur in a smaller space, while minimizing tire wear or damage to the ground surface.

Whether axles are extended or retracted, the 135-RJ maintains full drive capability with its four steering modes and 45% gradeability.

See in action

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Dual Capacity to Lift More

Its design supports a maximum capacity of 900 lb up to full height or to 70 ft outreach. Even at its maximum 80 ft outreach, this boom lift is still able to offer an industry-best for rotating jib machines with an unrestricted capacity of 600 lb.

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Multi-Directional Jib for Precise Positioning

Featuring a high-capacity, multi-directional jib with 135° vertical and 120° horizontal rotation, this advanced lift can navigate around and behind remote obstacles ensuring precise positioning in confined or complex environments.

Comfortable Platform Experience

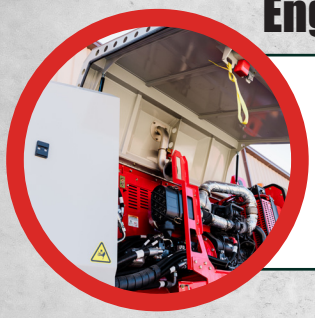
Solid and stable crane-style multi-keel boom design minimizes deflection and gives lateral rigidity to enhance operator confidence by reducing sway and delivers a more secure platform experience.

Transport without special permits - Gross Vehicle Weight of 44,775 lb

Crab Steer, 4-wheel steer, 2-wheel front steer, 2-wheel rear steer

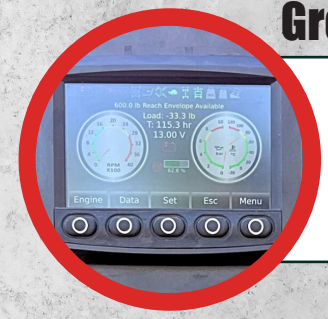
Easy to Service & Troubleshoot

Engine Compartment



Engine and service components protected with durable steel cover. Swing out tray provides easy access.

Ground Control Station



All settings and conditions provided at ground control. No special tools required.

Operator Friendly Controls

Proportional, multi-function controllers with secondary guarding to prevent crushing.

Clear, glare-resistant and well-protected display to indicate machine condition and platform load.

No footswitch required – allows the operator to position for maximum visibility whether driving or positioning the boom.

For complete specs, features & benefits

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SPECIFICATIONS	US	Metric
Maximum Platform Capacity	900 lb	408 kg
Unrestricted Platform Capacity	600 lb	272 kg
Maximum Platform Height	135’–0”	41 m
Maximum Working Height	141’–0”	43 m
Maximum Outreach @ 900 lb	70’–0”	21.3 m
Maximum Outreach @ 600 lb	80’–0”	24.4 m
Jib Length	8’–0”	2.4 m
Jib Rotation – Vertical	135º | + 80º / -55º	
Jib Rotation – Horizontal	120º	
Turret Rotation	360º Continuous	
Platform Rotation	180º	
Platform Length / Width	40” x 90”	1.0 m x 2.3 m
Diesel Power Source	74hp Deutz, Tier IV Final	
Steering Modes	4-Wheel Round; Crab; 2-Wheel Front; 2-Wheel Rear	
Drive Speed	3.7 mph	6.0 kph
Gradeability	45%	
Tail Swing	4’–0”	1.2 m
Gross Vehicle Weight	44,775 lb	20,310 kg

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 equiment.

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