



DualReach® 85-J

Diesel Boom

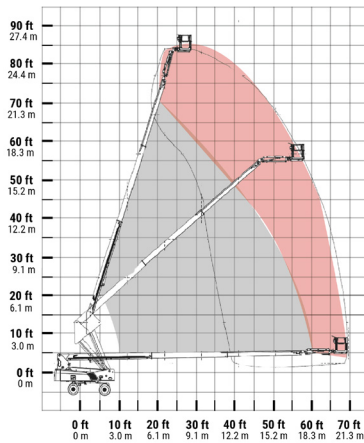


2 Machines in 1:
Telescopic & Articulated
Boom Modes

- Dual Boom Mode Selection
Telescopic or Articulated
Two Machines in One
- Standard Steering Modes: 4-Wheel
Steer, Crab Steer, 2-Wheel Steer
- Dual Capacity
900 lb (408 kg) Restricted
600 lb (272 kg) Unrestricted
- 91 ft (27.7 m) Working Height
with Standard 6 ft (1.9 m) Jib for
135° Jib Range of Motion
- Axle-Based 4WD Traction Control Drive
- Standard 90 in (2.3 m) Platform
Includes 3-Sided Entry with Swing Gate
- Ergonomic Platform Controls
with Proactive Platform Safety
System® Option
- Solid Rough Terrain Tires
- Deutz Turbo-Charged Engine Tier 4
- Optional Frame Leveling to Work
On Slopes

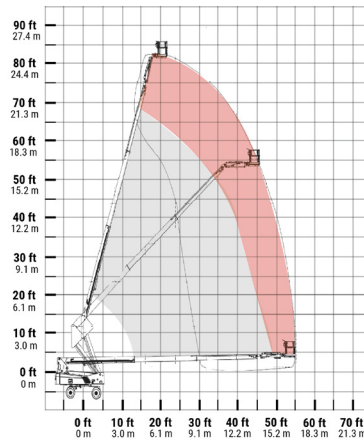


Telescopic Range of Motion



Unrestricted Max. Telescopic Outreach
Restricted Max. Telescopic Outreach

Articulate Range of Motion



Unrestricted Max. Articulate Outreach
Restricted Max. Articulate Outreach

Standard Features

Performance

- Telescopic & Articulated Patent
- Pending Dual Boom Mode Selection
- 360° Continuous Turntable Rotation
- 4WD Axle-Based Positive Traction Drive System
- 45% Gradeability
- Oscillating Axle
- Self-Leveling Platform
- Two-Speed Drive
- 91 ft (28 m) Working Height
- Full Height Drive

Safety

- Emergency Shut-Off on Platform and Chassis
- Auxiliary Power Unit
- Multi-Axis Tilt Sensor
- Tilt Alarm and Horn
- All Motion Alarm
- Four Wheel SAHR Braking System
- Automotive Horn
- Engine Shut Down Protection

Options & Accessories

- Frame Leveling to Work on Slopes - 7° Level Ability
- Platform Control Box Cover
- 7.5 kW Welder Ready Generator
- 12 kW Welder Ready Generator
- Platform Work Lights
- Glazier Package
- Cold Start Package
- Proactive Platform Safety System® (PPSS)
- Second Year Extended Warranty

DualReach 85-J	US	Metric
Heights		
Working Height*	91 ft*	27.7 m*
Platform Height	85 ft	26 m
Drive Height	85 ft	26 m
Turntable Swing	360° Continuous	
Jib Range of Motion Vertical	135°	
Platform Rotation	180° (90° each side)	
Up-and-Over Height	21 ft	6.4 m
85-J Maximum Outreach		
Max. Telescopic Outreach (Unrestricted)	70 ft @ 600 lb	21.3 m @ 272 kg
Max. Telescopic Outreach (Restricted)	64 ft @ 900 lb	19.5 @ 408 kg
Max. Articulated Outreach (Unrestricted)	56 ft @ 600 lb	17.1 @ 272 kg
Max. Articulated Outreach (Restricted)	50 ft @ 900 lb	15.3 @ 408 kg
Platform Size & Capacity		
Personnel Capacity	2	
Platform Width	90 in	2.3 m
Platform Depth	40 in	1.0 m
Platform Entry	1 End Swing Gate, 2 Slide Bars	
Dimensions		
Length-Stowed (Overall)	39 ft	11.8 m
Width	8.6 ft	2.6 m
Overall Height	8.3 ft	2.5 m
Tailswing	5.5 ft	1.7 m
Weight** (Approximately)	37,500 lb**	17,009 kg**
Working Conditions		
Drive	Axle-Based 4 Wheel Drive	
Gradeability	45%	
Ground Clearance	14 in	0.36 m
Breakover Angle	22°	
Axle Oscillation	14°(± 7°)	
Tires	Solid Rough Terrain	
Power		
Power Source	74 HP Deutz Tier 4 Final	
Fuel Capacity	40 gal	151 L
Hydraulic Oil Capacity	48 gal	182 L
Movement		
Turning Radius (Inside)	86 in	2.2 m
Drive Speed	4 mph	6.4 kph
Time to Full Height	55 Seconds	

*Metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height

**Weight may vary with certain options or configurations

Important – MEC lifts must be on a hard level surface while elevated.

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. Consult your MEC dealer for warranty details.

Meets or exceeds the requirements of ANSI A92.20 and CSA B354.6.17.

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.

MEC Aerial Work Platforms

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