

Model 20MVL

MOBILE VERTICAL LIFT

Features

- Heavy Duty Planetary Gear Drive Motors with 5 Times the Life of Previous Models
- Low Maintenance Anodized Aluminum Mast
- Quick-Change Platform Mounting
- Oversized 26 x 28 in. (66 x 71 cm) Platform
- Safety Interlocked Controls
- Pistol-Grip Platform Control
- Single Joystick Drive and Steer Control—Solid State, Microprocessor Controlled
- Variable Speed Elevation Controls
- Automatic Pothole Protection System
- 1-1/2 Degree Tilt Alarm and Control
- Automatic Battery Charger
- Two Sealed 100 Amp-Hour Maintenance-Free Batteries
- Key Lock Main Power Switch
- Automatic Power-Off Battery Saver Control
- Battery Discharge Indicators—Platform and Base
- Non-Marking Tires
- Transportation Tie Downs
- Built-In Fork Truck Pockets
- Lanyard Attachment Anchor
- Hourmeter
- All Motion Alarm
- 110 Volt Double Receptacle on Platform
- 12.62 in. (32 cm) Rear Wheels, 8 in. (20 cm) Front Casters
- Flashing Amber Beacon
- Horn
- ANSI, OSHA & CSA Compliant

Specifications

Dimensions:

Platform Height	19 ft 6 in. (5.94 m)
Working Height	25 ft 6 in. (7.77 m)
Drive Height	Max. Platform Height
Stowed Height	78 in. (198 cm)
Platform Entry Height	19 in. (48 cm)

Platform Capacity:

Oversized Platform	350 lb (159 kg)
Narrow Platform	350 lb (159 kg)
Extension Platform	350 lb (159 kg)

Platform Size (W x L):

Oversized Platform	28 x 26 in. (71 x 66 cm)
Narrow Platform	22 x 22 in. (56 x 56 cm)
Extension Platform	26 x 26 in. (66 x 66 cm)
Extended	26 x 49 in. (66 x 125 cm)

Overall Vehicle Length:

Chassis Length	53.5 in. (136 cm)
Extension Platform Retracted	53.5 in. (136 cm)
All Other Platforms	53.5 in. (136 cm)

Overall Vehicle Width:

Chassis Width	29.5 in. (75 cm)
Extension Platform & Gull Wing	31.5 in. (80 cm)
All Other Platforms	29.5 in. (75 cm)

Gross Vehicle Weight:

Gull Wing Platform	2,325 lb (1,055 kg)
Extension Platform	2,395 lb (1,086 kg)

Drive Maximum Speed:

Platform Lowered	3.5 mph (5.6 kmph)
Platform Elevated	0.6 mph (1 kmph)
Turning Radius	Zero
Gradeability	30%
Underclearance	2 in. (5 cm)

Wheel Diameter & Width:

Rear Drive & Steer Wheels	12.62 x 4 in. (32 x 10 cm)
Front Caster Wheels	8 x 2.5 in. (20 x 6 cm)
Tire Material	Non-Marking

Batteries:

Two Sealed 100 amp-hr 12 Volt	
Battery Charger	25 Amp; 5-Hour Charge

Drive System:

4 Brush Direct Electric (planetary gear)

Pothole Protection System:

Automatic – Mechanical



Accessories & Options

Platform Options:

- Oversized Gull-Wing Front Entry
28 x 26 in. (71 x 66 cm)
- Narrow Gull-Wing Front Entry
22 x 22 in. (56 x 56 cm)
- Extension Gull-Wing Front Entry
26 x 26 in. (66 x 66 cm) – Retracted
26 x 49 in. (66 x 125 cm) – Extended

Security

Programmable 4-Digit Security Lock

Crane Hook

Lifting Eye for a Crane Hook

Fluorescent Light Tube Caddy

Tool Tray

8 in. W x 18 in. L x 5 in. D
(20 x 45 x 12.5 cm)

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Due to continuous product improvements, JLG Industries reserves the right to make specification and/or equipment changes without prior notification. This machine meets or exceeds ASME B56.6-2002 as originally manufactured for intended applications.

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OPERATIONAL INSTRUCTIONS

