

VERTICAL MAST LIFT

VM120E

Compliant with ANSI/CSA standards

PRODUCT HIGHLIGHTS

Outstanding Performance

- Maintains a 500 lbs platform capacity, supporting a wide range of tools and personnel
- Lightweight and compact footprint meets tight jobsite access requirements
- Front wheel drive offers a small turning radius

Easy Operation

- Saloon-style entry gate enables quick and convenient access to the platform
- Mast is almost the same height as the guardrails for easy and comfortable operation on the platform

Low Maintenance Cost

- AGM maintenance-free batteries come as standard, decreasing total cost of ownership
- Unique bumper rail design helps protect paint and keeps the machine like new



Standard Features		
2WD×2WS	Maintenance-free battery	Fully proportional controls
Non-marking tires	Auto braking system	Emergency lowering system
Emergency stop	Fault diagnosis system	Tilt protection system
Flashing beacon	Lifting eyes	Electrophoretic painting
Horn and buzzer	Automatic pothole guard system	Drivable at full height
Weighing system	Bumper rails	
Options & Accessories		
Telematics		

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Model	VM120E
Dimensions	
Max Working Height (Indoor only)	18'6" (5.6 m)
A Max Platform Height (Indoor only)	12'6" (3.8 m)
B Length-Stowed	4'6.3" (1.38 m)
C Overall Width	2'6.7" (0.78 m)
D Height-stowed	5'5.4" (1.66 m)
E Wheelbase	3'5.7" (1.06 m)
Ground Clearance (Pothole Guard Stowed)	2.7" (0.068 m)
Ground Clearance (Pothole Guard Deployed)	0.59" (0.015 m)
Platform Dimensions (L×W×H)	4'5"×2'6"×3'8" (1.34 m×0.74 m×1.1 m)
Performance	
Platform Capacity	500 lbs (227 kg)
Platform Allowable Occupants (Indoor only)	2 Persons
Drive Speed (Stowed)	2.5 mph (4 km/ h)
Drive-Speed (Raised)	0.3 mph (0.5 km/ h)
Lift Time (Unloaded)	15~18 s
Lower Time (Unloaded)	20~25 s
Gradeability	25%
Max Allowable Inclination (Front-To-Back/Side-To-Side)	3° /1.5°
Turning Radius (Inside/Outside)	5.5"/4'5" (0.14 m/1.34 m)
Tire Spec/Type	12×4" (305×100 mm) front tires
Power	
Drive×Steer	2 WD×2 WS
Power Source (V/kW)	24V DC /2.2 kW
Hydraulic Tank Capacity	1.3 gal (UK)/1.6 gal (US) (6L)
Batteries	24 V,120 Ah (AGM batteries)
Charger (Input/Output)	100 ~ 240 V AC/15 A
Weight	
Weight	1,720 lbs (780 kg)
Standards Compliance	ANSI/CSA

