

## VERTICAL MAST LIFT

# VM04E (VM120E)

Compliant with CE/ANSI/CSA/AS/EAC standards

### PRODUCT HIGHLIGHTS

- Front wheel drive offers a small turning radius and anti-skid
- Automatic pothole protection system for better passability when mast is lowering
- Double fully-open doors design on chassis for easier access to the maintenance of all components
- Unique bumper rails design for keeping paint well and machine looking like new
- Mast is almost same height as guardrails for easy and comfortable operation in platform
- Saloon style entry gate for ease of entry into platform
- AGM maintenance free batteries come as standard, decrease total cost of ownership



Standard Features		
2WD×2WS	AGM maintenance-free battery	Fault diagnosis system
Solid non-marking tires	Proportional control	Emergency lowering system
Emergency stop	Electrophoretic painting	Tilt protection system
Flashing beacon	Lifting and tie-down points	Overload sensing system
Drivable at full height	Automatic pothole protection	Manual storage box
Horn & buzzer	Bumper rails	Auto braking system
Telematics-ready connector	Cylinder mast system	Indoor use only
Options & Accessories		
RCBO	AC power to platform	Tool tray

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VERTICAL MAST LIFT  
VM04E (VM120E)

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Model	VM04E (VM120E)
Dimensions	
Max Working Height (Indoor only)	5.8 m (19')
A Max Platform Height (Indoor only)	3.8 m (12'5.6")
B Length-Stowed	1.38 m (4'6")
C Overall Width	0.78 m (2'5.9")
D Height-stowed	1.66 m (5'5.8")
E Wheelbase	1.06 m (3'7.7")
Ground Clearance (Pothole Guard Stowed)	0.068m (2.7")
Ground Clearance (Pothole Guard Deployed)	0.015 m (0.59")
Platform Dimensions (L×W×H)	1.34 m×0.74 m×1.1 m (4'5"×2'6"×3'8")
Performance	
Platform Capacity	227 kg (500 lbs)
Platform Allowable Occupants (Indoor only)	2 Persons
Drive Speed (Stowed)	4 km/ h (2.5 mph)
Drive-Speed (Raised)	0.5 km/ h (0.3 mph)
Lift Time (Unloaded)	15~20 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)	0.14 m/1.34 m (5.5"/4'5")
Tire Spec/Type	305×114 mm (12×4.5") front tires 305×100 mm (12×4") rear tires Solid non-marking tires
Power	
Drive×Steer	2WD×2WS
Power Source (V/kW)	24V DC /2.2 kW
Hydraulic Tank Capacity	6L (1.3 gal (UK) /1.6 gal (US))
Batteries	24 V,120 Ah (AGM batteries)
Charger (Input/Output)	100~240 V AC/15 A
Weight	
Weight	780 kg (1,720 lbs)
Standards Compliance	CE/ANSI/CSA/AS/EAC

