

# VERTICAL MAST LIFT VM04E (VM120E)

## PRODUCT HIGHLIGHTS

- Front wheel drive offers a small turning radius and anti-skid
- Automatic pothole protection system for better passibility 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	Maintenance-free battery	Fault diagnosis system
Non-marking tires	Proportional control	Emergency lowering system
Emergency stop	Electrophoretic painting	Tilt protection system
Flashing beacon	Forklift pockets and lifting 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	Platform work light
Secondary guarding device		

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# VERTICAL MAST LIFT VM04E (VM120E)

Model	VM04E (VM120E)
<b>Dimensions</b>	
Max Working Height (Indoor only)	5.8 m (19')
Max Platform Height (Indoor only)	3.8 m (12'5.6")
Length-Stowed	1.38 m (4'6")
Width-Stowed	0.78 m (2'5.9")
Height-stowed	1.66 m (5'5.8")
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)	1.35 m×0.74 m×1.1 m (4'5"×2'6"×3'8")
<b>Performance</b>	
Platform Capacity	227 kg (500 lbs)
Platform Allowable Occupants (Indoor only)	2 Persons
Drive Speed (Stowed)	0~4 km/ h (0~2.5 mph)
Drive-Speed (Raised)	0~0.5 km/ h (0~0.3 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	305×100 mm (12×4")/Solid non-marking
<b>Power</b>	
Drive×Steer	2WD×2WS
Power Source (V/kW)	24V DC /2.2 kW
Hydraulic Tank Capacity	6L (1.3gal(UK) / 1.6gal(US))
Batteries	24 V,120Ah (Lead Acid Battery)
Charger (Input/Output)	100~240 V AC/15 A
<b>Weight</b>	
Weight	780 kg (1720 lbs)
Standards Compliance	CE (Pending) / ANSI(Pending) / CSA (Pending)