

# VM04E (VM120E)

## PRODUCT HIGHLIGHTS

- Front wheel drive offers a small turning radius and anti-skid
- Automatic pothole protection system for increased ground clearance
- Double fully-open door design on chassis for easier access to all components
- Unique bumper rails design for keeping paint and decals protected from damage
- Mast is the same height as guardrails for easy and comfortable operation in the 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	Lifting points	Indoor use only
Drivable at full height	Automatic pothole protection	Manual storage box
Horn & buzzer	Bumper rails	Auto braking system
Telematics-ready connector	3 Cylinder mast system	

# 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 (2'6.7")
Height-stowed	1.66 m (5'5")
Wheelbase	1.06 m (3'5.7")
Ground Clearance (Pothole Guard Stowed)	0.068m (2.7")
Ground Clearance (Pothole Guard Deployed)	0.015 m (0.95")
Platform Dimensions (L×W×H)	1.35 m×0.76 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)	0~2 km/ h (0~1.2 Mph)
Lift Time (Unloaded)	15~18 s
Lower Time (Unloaded)	12~17 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 (1.3ga (l UK) /1.6gal(US))
Batteries	24 V,120Ah (Lead Acid AGM Battery)
Charger (Input/Output)	100~240 V AC/15 A
<b>Weight</b>	
Weight	785 kg (1, 731 lbs)
Standards Compliance	CE