

VERTICAL MAST LIFTS

ML10EJ (ML270EJ)

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

PRODUCT HIGHLIGHTS

- Unique movable pothole protection system
- Unique disassembly system with integrated boom
- Compact enough to easily pass through standard doorway, zero tailswing and zero turning radius
- Equipped with universal components that has been testified in Sinoboom scissors
- Design for user friendly and easy maintenance



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
Zero inside turning radius	Automatic pothole protection	
Drivable at full height	Secondary guarding system	
White noise alarm	Manual storage box	

Options & Accessories

RCBO	Battery isolator	
AC power to platform		
Telematics-ready connector		

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Model	ML10EJ (ML270EJ)
Dimensions	
Max Working Height(Indoor/Outdoor)	10.3 m (33'9.5")
A Max Platform Height(Indoor/Outdoor)	8.3 m (27'3")
Max Horizontal Reach	3.3 m (10'10")
B Length-Stowed	2.97 m (9'9")
C Width-Stowed	0.99 m (3'3")
D Height-Stowed	1.99 m (6'6")
E Wheelbase	1.2 m (3'11")
Ground Clearance(Pothole Guard Stowed)	0.06 m (2.36")
Ground Clearance(Pothole Guard Deployed)	0.02 m (0.79")
Platform Size (L×W×H)	0.99 m×0.7 m×1.1 m (3'3"×2'3.6"×3'7.3")
Performance	
Platform Capacity	200 kg (440 lbs)
Max Platform Occupants (Indoor/Outdoor)	2 Persons/1 Person
Drive Speed (Stowed)	0~4 km/h (0~2.5 mph)
Drive Speed (Raised)	0~0.6 km/h (0~0.37 mph)
Lift Time (Unloaded)	32~36 s
Lower Time (Unloaded)	32~37 s
Gradeability	25 %
Max Allowable Inclination(front-to-back/side-to-side)	3°/3°
Turning Radius (Inside/Outside)	0/1.55 m (0/5'1")
Tire Spec/Type	406×127 mm/ solid (16×5")
Power	
Drive × Steer	2 WD×2 WS
Power Source (V/kW)	24 V DC/4 kW
Hydraulic Tank Capacity	13 L (2.9 gal (UK)/3.4 gal (US))
Batteries	24 V, 240 Ah
Charger (Input/Output)	100~240 V AC/30 A
Weight	
Weight (Indoor/Outdoor)	2,678 kg (5,904 lbs)
Standards Compliance	
CE/AS/EAC/CSA/ANSI	

