

EmssRobot®

Alien Lifter



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Alien Lifter

A fully automatic all-terrain stair climber.

400kg carrying capacity.

The platform can be raised and lowered to assist in unloading.

Automatic auxiliary wheels to assist in going up and down stairs.

Ultrasonic sensor to identify going up and down stairs.

The platform automatically tilts according to the different angles of the stairs.

Four gears to adjust the different angles of the stairs.

Larger cargo-loading platform.

Cargo level lifting and clamping.

New control joystick.

More solid tracks.

360-degree rotation in place.



Automatic Recognition System

Sensor automatically recognizes going up/down and automatically open auxiliary wheels.

Automatic Recognition System

Recognized going from falling, the platform will automatically lift.



Intelligent Control System

On/stop/down/up/hold / Battery display

Auto / Manual / Stop / Fall / Rise / Auxiliary wheel on

Auxiliary wheel off / Platform Up / Platform Down

Platform Stop / Platform tilt down



Certifications

CE/UL Directive: 2014/53/EU
 EN IEC 60335-1:2021
 EN IEC 60335-2-2:2021
 EN IEC 60335-2-2:2019+A1:2021
 EN 60335-2-2:2012+A1:2017+A2:2021

EN ISO 12100:2010
 EN ISO 9001:2015

Grade Of Waterproof

IP54



Unloaded Size (Folded) Size (Packaged) Size
 1880mmX1820mmX1200 (mm)
 2200mmX1820mmX1710 (mm)
 1200mmX1820mmX730 (mm)

Net Weight(Gross Weight) Maximum Load
 710KG 960KG 2200KG

Adjustment Range Of Full Load (Up) Down (
 210 (mm)

Truck Opening Angle (Truck Length
 30° 11000 (mm)

Cargo Height Range
 657-1100 (mm)

Permissible Cargo Size Range (Length (Width (Height (
 Length < 150 (Width < 100 (Height < 1100 (mm)

Platform Lifting Function(Lifting height
 150 (mm)

Platform Material (Thickness
 Aluminum alloy plate (5mm)

Platform Size (Length(Width (Height Of Platform From Horizontal Surface
 1820*1820 (mm) 1120 (mm)

Truck Thickness (Truck Roller Distance
 20(80 (mm)

Wheel Size (P/R)
 8 inch (8 inch)

Motor (Type (Voltage (Power (
 Brushless Motor (200 (200W (Specialty Customized)

Battery (Type (Voltage (Capacity (
 Lithium-ion 24V (40Ah

Speed Control (Climb Speed
 Adjustable Speed (30 Steps /min)

Maximum Extension Angle
 < 30°

Minimum Turning Radius
 1000 (mm)

Time (Charge (Range (Service life (
 60 min 1.20/100Floor 1 Year/100 Recharges

Temperature (Store (C) Storage (C)
 0-40(-10-40(Dry Environment)

Sound Level (Working Noise (
 < 60

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