

zonzini®

STAIRCLIMBERS

BUDDY LIFT PLASMOID

*Electric stair climber with
tracks and wheels. With
integrated Load Lifting.*





Stair Climbing Trolley for Furniture and Appliances.

Buddy Lift Plasmoid is a fast and easy-to-use stair climbing trolley. Thanks to the Zonzini tracks, it allows for the complete unloading of the weight onto the stairs and proceeding effortlessly. The operator is no longer required to manage the load balancing on each step as with traditional stair climbers with wheels, therefore the effort required for use is significantly reduced and greater safety is achieved during stair traversal.

- The integrated load lifting offers 3 main advantages:
1. Allows for loading and unloading directly from the vehicle for heights up to 60 cm from the ground;
 2. Greatly improves load balancing on the stairs, thanks to the possibility of varying the load's center of gravity;
 3. Allows for rotation in much narrower landings compared to a stair climber without load lifting.



WITH INTEGRATED LOAD LIFTING UP TO 60 CM. CAPACITY 200 KG

- *Integrated load lifting up to 60 cm for 200 Kg;*
- *Non-slip and scratch-resistant tracks;*
- *Fully unloads the weight onto the stairs without requiring effort from the operator;*
- *Once on the landing, the tracks make room for the wheels to rotate;*
- *Zonzini Connectivity: the machine connects to the network, remote access to information*

YOU CAN CONTROL IT WITH A FINGER.

With the right buttons, the machine is turned on and the lifting or lowering of the load is controlled, while with the left buttons, the position of the tracks relative to the wheels is controlled.

One button is for using the wheels on the floor; while the other two buttons are used to select two different travel positions on the stairs, depending on the type of load.





IT CAN TURNS IN TIGHT SPACES.

Having the ability to lift the load makes the difference between being able to pass through and not. Lifting the load allows for lifting all the space on narrow landings and reaching the next staircase without interfering with the wall. With Buddy Lift Plasmoid, it is possible to rotate with a load measuring 60 x 60 cm on a landing of just 80 x 80 cm.

BUDDY

PLASMOID

Electric stair climber with tracks and wheels.





A versatile and safe electric stair climber.

It is ideal for last-mile deliveries within residential staircases. Thanks to the Zonzini tracks, it allows for the complete unloading of the weight onto the stairs, and the operator can release the handle at any time without compromising the stability of the load, which always remains supported on the steps. Transporting furniture, appliances, doors, windows, and various boxes becomes easy and safe; the load smoothly moves up or down the stairs through the anti-scratch and anti-slip Zonzini tracks. Once on the landing, the operator only needs to press a button to return to the wheels and move along the corridor or reach the next staircase.

TECHNICAL SPECIFICATIONS



Buddy Plasmoid / Buddy Lift Plasmoid

Available Capacities:

150 /200 Kg

Empty weight of the stair climber without battery:

Buddy Plasmoid: 47 Kg

Buddy Lift Plasmoid: 72 Kg

Battery type and weight:

Standard AGM Battery 11Ah – 24 V: 12 Kg

Lithium Battery 38 Ah – 24 V: 7 Kg

Adjustable height structure

Integrated electric load lifting:

Buddy Plasmoid: not available

Buddy Lift Plasmoid: up to 60 cm

Track speed – Adjustable via proportional joystick:

150Kg: up to 47 steps per minute

200 Kg: up to 27 steps per minute

Battery autonomy:

Standard AGM:

- 150 Kg: approximately 350 steps
- 200 Kg: approximately 300 steps

Lithium:

- 150 Kg: approximately 1.200 steps
- 200 Kg: approximately 1.000 steps

Maneuvering space on the landing:

Buddy Plasmoid: approximately 105 cm

Buddy Lift Plasmoid: approximately 80 cm – when lifting the load

Protection rating:

IP54

Certifications:

Directive 2006/42 CE

Directive 2014/30/UE

Directive 2011/65/CE

EN ISO 7010:2020

EN ISO 12100:2010

EN 60204-1:2018

EN ISO 13849-1:2015

EN ISO 13849-2

EN 61000-6-2:2005 + AC:2005

EN 61000-6-4:2007 A1:2011

EN ISO 3691-5:2015/A1:2020

EN 60529:1991+A1:2000+A2:2013

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