

zonzini®

STAIRCLIMBERS

DOMINO STABILIZED LIFT

*Electric tracked stair
climber. With Load Lifting
and Stabilization.*





Smart Stair Climber Trolley.

It calibrates the load, stabilizes it, and lifts it up to 60 cm. Domino Stabilized Lift is a stair climber/ramp trolley with integrated load lifting. It's smart. The software autonomously selects the appropriate working angle for the type of load and maintains it throughout the ramp. The tracks are larger than those of a traditional stair climber, allowing travel on all types of surfaces, from the most delicate to external or construction site surfaces. It's equipped with front and rear sensors.

It autonomously detects the presence of the step below and stops the track motion for increased safety. It autonomously adjusts the load platform and recalls the stabilizing arm on the landing. Sensors installed on the stabilizing arm ensure constant contact with the landing, for increased safety and stability. The operator works effortlessly and with maximum safety. Compact and powerful.



WITH INTEGRATED LOAD LIFTING UP TO 60 CM. 400 KG CAPACITY.

- *Integrated load lifting up to 60 cm for 400 kg;*
- *Load stabilization on the landing with contact sensors;*
- *Front sensor for autonomous detection of the first step;*
- *Load calibration and autonomous detection of the correct transport angle;*
- *Zonzini Connectivity: the machine connects to the network, remote access to information.*

DOMINO

STABILIZED

*Electric tracked stair climber.
With load stabilization.*





Smart Stair Climber Trolley.

It calibrates and stabilizes the load. Domino Stabilized is likely the safest stair climber trolley ever built. Load stabilization provides the operator with maximum safety on the landing. Sensors ensure constant contact with the landing. The working angle is autonomously chosen by the trolley based on the load type and is maintained constant regardless of the staircase inclination. The operator works effortlessly and with maximum safety. Compact and powerful.

DOMINO

STANDARD

The Electric Tracked Stair Climber.





Electric Tracked Stair Climber Trolley.

Powerful and compact, it allows for the movement of loads up to 400 kg on stairs and inclined surfaces. Suitable for use on both indoor and outdoor surfaces. The software calibrates the load and autonomously selects the most suitable working angle based on the load type, maintaining it throughout the entire ramp regardless of its slope. Stable and secure. The operator works effortlessly and with maximum safety.

TECHNICAL DATA

Domino Standard / Domino Stabilized / Domino Lift Stabilized:

Available Capacities:

300 / 400 Kg

Empty Weight of Stair Climber without Battery:

Domino Standard: 95 Kg

Domino Stabilized: 107 Kg

Domino Stabilized Lift: 137 Kg

Battery Type and Weight:

Standard AGM Battery 20Ah - 24 V: 17 Kg

Lithium Battery 55Ah - 24 V: 9 Kg

Height-Adjustable Structure:

Track Speed - Adjustable via Proportional Joystick:

300 Kg: 1 meter in 7 seconds

400 Kg: 1 meter in 10 seconds

Battery Autonomy:

Standard AGM:

- 300 Kg: approximately 750 steps
- 400 Kg: approximately 500 steps

Lithium:

- 300 Kg: approximately 2000 steps
- 400 Kg: approximately 500 steps

*The indicated battery autonomy values are purely indicative and non-binding and depend on multiple factors such as adherence to charging cycles, usage temperature and battery storage, and the battery's health status..

Maneuvering Space on Landing:

Domino Standard / Domino Stabilized / Domino Lift Stabilized:
109 cm

Protection Grade:

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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