TECHNICAL SHEET

SKIPPER PLASMOID

SKIPPER CLOSED

SKIPPER TRANSPORTING MODE

Skipper Plasmoid is a tracked stair climber/ramp carrier with two independent motors, allowing 360° on-the-spot rotation and trajectory adjustments when needed.

Especially suitable for transporting tall loads (over 2 meters), thanks to the adjustable tilt angle which enables safe passage through doors, corridors, and staircases with low ceilings.
The anti-scratch, anti-slip tracks work on various indoor and outdoor surfaces.
The operator works effortlessly and in total safety.

CODE	Model	DIMENSIONS (CM) LXWXH	CAPACITY (KG)	RANGE*
C-SS-300	Skipper Plasmoid 300	53,3 X 27,9 X 130,7	300	~750 steps
C-SS-400	Skipper Plasmoid 400	53,3 X 27,9 X 130,7	400	~500 steps
C-SS-300-L	Skipper Plasmoid 300	53,3 X 27,9 X 130,7	300	~2000 steps
C-SS-400-L	Skipper Plasmoid 400	53,3 X 27,9 X 130,7	400	~1500 steps

* Battery autonomy values are indicative and depend on use conditions, charge cycles, temperature, and battery health.

ACCESSORIES

STANDARD EQUIPMENT
1 Load securing strap
1 Battery pack (AGM standard)
1 Battery charger (220V/24V)
1 Standard baseplate (40 x 25 cm)

OPTIONAL EQUIPMENT	
CODE	**DESCRIPTION**
C-AS-BB	Extra battery box (AGM)
C-AS-BL	Lithium battery box
C-AS-RA	Aluminum loading ramp for van
C-AS-BC	Rolling base for flat surfaces
C-AS-BCP	Rolling base with pneumatic wheels
C-AS-BTM	Closed base with 4 wheels (multi-transport)

TECHNICAL DATA

Maximum depth	27,9 cm
Overall width	53,3 cm
Height from ground	130,7 cm
Max height extended	215,1 cm
Support length	77 cm
Standard sheet metal base	Width 40 cm - Depth 25 cm
Empty unit weight (without battery)	89kg
Battery type and weight	• Standard AGM Battery 20Ah – 24 V: 17 Kg • Litium Battery 55Ah – 24 V: 9 Kg
Structure	height-adjustable
Movement speed (adjustable via proportional joystick)	• 300 Kg: 1 m in 7 s • 400 Kg: 1 m in 10 s
Track maneuvering space	125 cm
Wheel maneuvering space	105 cm
Protection grad	IP54
Compatible with Industry	4.0

CERTIFICATIONS

Directive 2006/42/CE	EN ISO 12100:2010	EN 61000-6-2:2005 + AC:2005
Directive 2014/30/UE	EN 60204-1:2018	EN 61000-6-4:2007 A1:2011
Directive 2011/65/CE	EN ISO 13849-1:2015	EN ISO 3691-5:2015/A1:2020
EN ISO 7010:2020	EN ISO 13849-2	EN 60529:1991 + A1:2000 + A2:2013

Asset eligible for Industry 4.0 incentives

LITHIUM BATTERY AND AGM BATTERY

FOCUS ON – FEATURES AND PERFORMANCE

The Skipper version with lithium battery represents a valid technical alternative, designed to meet needs for greater autonomy, lightness, and intensity of use. Compared to the standard AGM battery supplied as standard, the lithium battery offers the following operational advantages:

- **Tolerance to deep discharge:** the lithium battery can be fully discharged without damage or loss of efficiency. This represents a concrete advantage in intensive operations, where it is common to work until the charge is completely depleted. Standard batteries, on the other hand, must never be fully discharged to avoid rapid deterioration.
- **Flexibility in charging times and methods:** the lithium battery can be charged at any time, regardless of the remaining charge level, without the need to complete specific cycles. This makes it ideal also in contexts where use is intermittent or unpredictable. In contrast, the standard battery requires a full recharge after each use and, in case of prolonged inactivity, at least every 7–10 days.
- **Greater autonomy per charge:** it guarantees autonomy of up to 2,000 steps (300 kg model) and 1,500 steps (400 kg model), offering a wider operating range during intensive work shifts.
- **Extended useful life:** designed to withstand a greater number of charging cycles, the lithium battery has an estimated average lifespan of 6–7 working years, reducing the need for frequent replacements.
- **Reduced weight:** weighing only 9 kg compared to the 17 kg of the standard battery, the lithium battery contributes to better handling of the entire equipment, especially during loading/unloading and transport phases.

Both solutions (AGM and Lithium) are supported by the Skipper system and can be selected based on the usage context and the operator's preferences.

SKIPPER CON BASE CHIUSA A 4 RUOTE

DETTAGLIO RETRO