



• • • the passion for moving

M1



Tow



• • • the passion for moving

M1


 1.000 kg  4,0 km/h  15 %






M1

Electric cart mover

 1.000 kg

 4,0 km/h

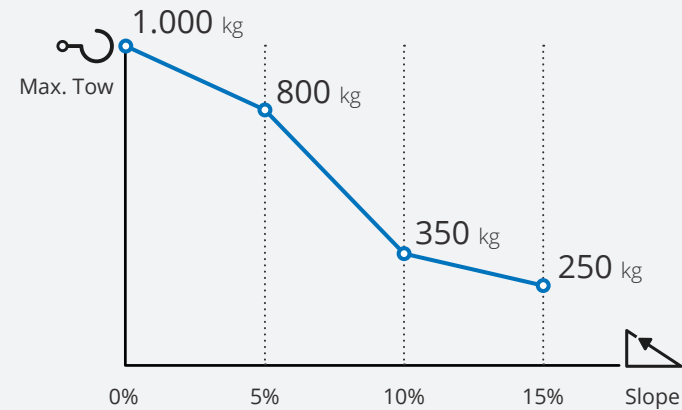
 15 %

- for loads up to **1.000 kg**;
- the most **compact** on the range;
- 24/7 operation thanks to the **interchangeable battery pack**;
- **5-level speed** adjustment;
- wide range of **standard or customizable hitches** upon request.

Technical sheet

Model name	M1
Certification	CE
Tow capacity	1.000 kg
Maximum speed	4,0 km/h
Batteries	AGM 30 Ah
Weight (without batteries)	40 kg
Length	943 mm
Width	439 mm
Height	978 mm
Steering diameter	0,90 m

Performances on slopes



While the hook force expressed in N remains unchanged, the towing capacity expressed in kg may vary based on: type of terrain on which towing is carried out, use or not of ballast and type of wheels mounted on the vehicle and trailer.



Unit:
mm [inch]

Ergonomic driving



M1 tiller head has been designed and built to make the use of the machine more ergonomic for the operator, ensuring the **right comfort for prolonged use** during the work shift. Its ergonomic design allows you to have **everything at your fingertips**.

The structure is made of resistant materials in case of accidental impacts.

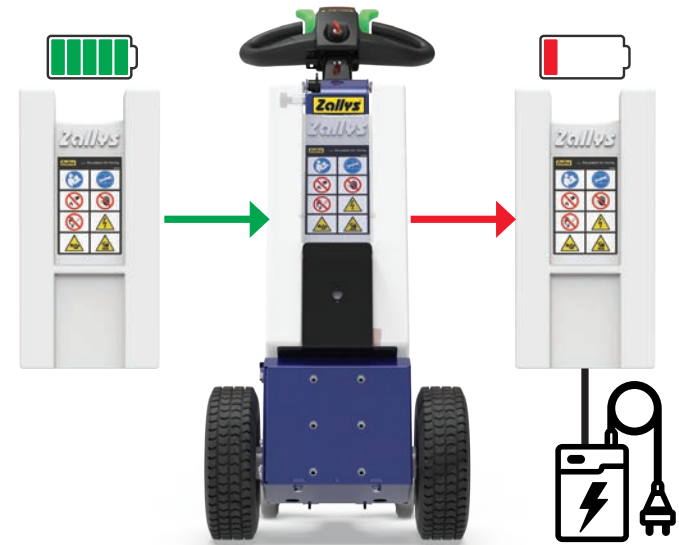


24/7 Operation

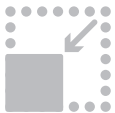


The battery packs are **light and easily interchangeable** so that they can cover **multiple work shifts**: when one runs out, it can be charged and immediately replaced with an already charged one, so **the machine will always be active!** This system is particularly important in the case of working over multiple shifts.

The batteries are **AGM** and therefore **do not require maintenance** and are protected by a robust shockproof double-chamber PE body. For this machine, they are available in **30 Ah**.



Reclinable tillerbar



With a simple gesture it is possible to fold the tiller, almost halving the size of the machine. It can thus be stored taking up very little space or easily loaded onto vans and trucks for transport.



Safety

Just like all Zallys vehicles, **M1** is equipped **as standard** with several systems to guarantee the **maximum safety** to the operator during use, helping to build a safe and productive work environment without risks of injuries or occupational diseases. The standard safety devices are:

- **Anti-crush button** on tillerhead;
- **Maintained action** controls;
- **Electrobrake** always active in absence of electrical current;
- Connector for the **interruption of power supply**.

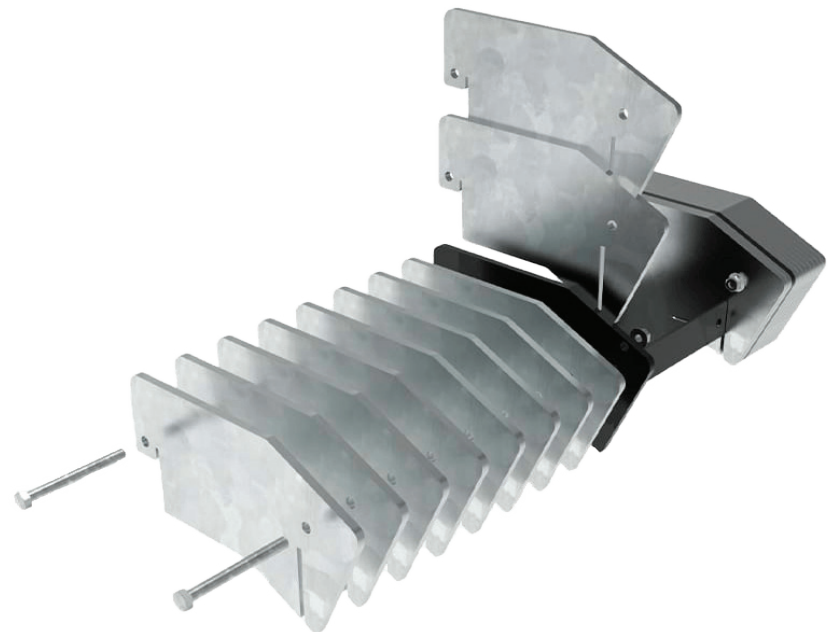
Furthermore, the following **optional devices** are available as accessories:

- **LED rotating beacon**;
- Mushroom button for **emergency stop** on tillerhead;
- **Numeric keypad** instead of the key for turning on the machine.



Modular ballasts

The **modular ballast system** of **M1** gives flexibility in increasing the performance of the machine: the single unit weighs just **3 kg**, so a single operator can add or remove weight as needed, without the need for external lifting systems. This avoids lifting excessive weights, thus eliminating the associated health risks.



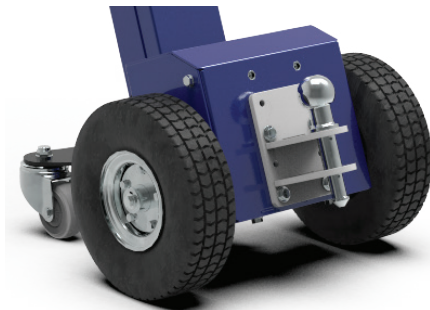
Connection hitches



M1 has a wide range of **connection hitches**, mechanical or electrical, to be versatile and suitable for numerous applications.



Drop pin hitch



Multifunction hitch
ball / drop pin



Roll-Box hitch



 Electric clamp hitch



Hitch for trash bins

Application examples

Sectors of application:



INDUSTRIAL LOGISTICS



TEXTILE INDUSTRY



PRODUCTION LINES



SUPERMARKETS & GDO



Metallurgical Industry



Textile Industry



Production lines



Hospitals



Supermarkets & GDO



Plant nurseries



Alternative versions

M1 is available in the standard version or in the **AISI 316 stainless steel** version.



M1

Standard version

M1 represents the ideal solution for manual handling of loads even in the tightest spaces.



M1 | AISI 316

AISI 316 Stainless steel structure

Upon request, **M1** can be built entirely in **AISI316 stainless steel**, to be used in particularly hard environments with corrosive agents or sea water, and in situations where high standards of hygiene and cleanliness are required, such as inside industries in the food or pharmaceutical sectors and in sterile rooms.



1996



2006



2016



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