



... the passion for moving

M10



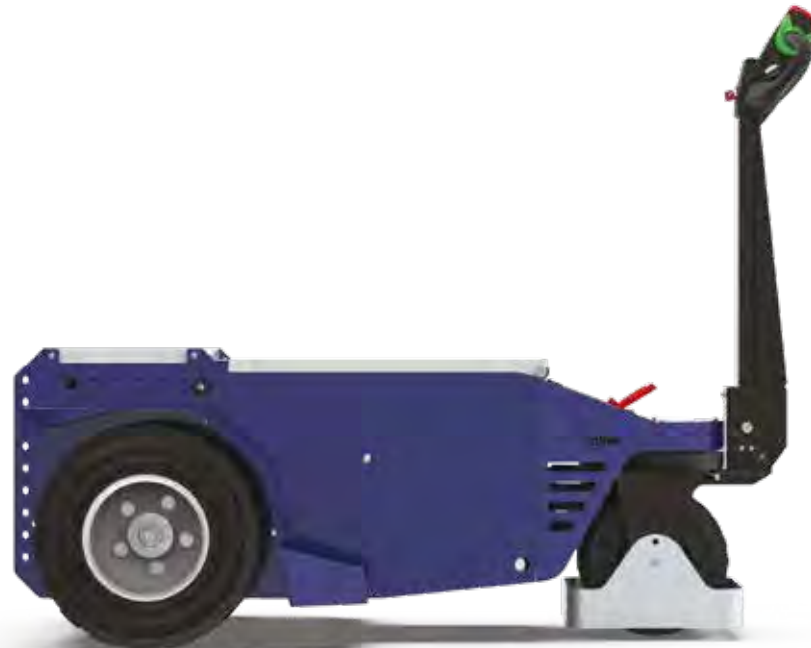
Tow



• • • the passion for moving

M10



 15.000 kg  5,0 km/h  15 %





M10

Industrial tow tug for heavy loads

 15.000 kg  5,0 km/h  15 %

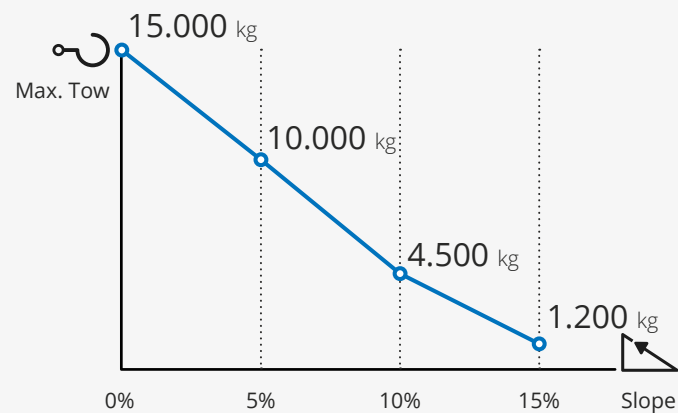
- for loads up to **15.000 kg**;
- **ATEX** and **IECEx** certifications available for use in potentially dangerous and explosive environments;
- with **pneumatic wheels** for indoor and outdoor use;
- **5-level speed** adjustment;
- wide range of **standard or customizable hitches** upon request.



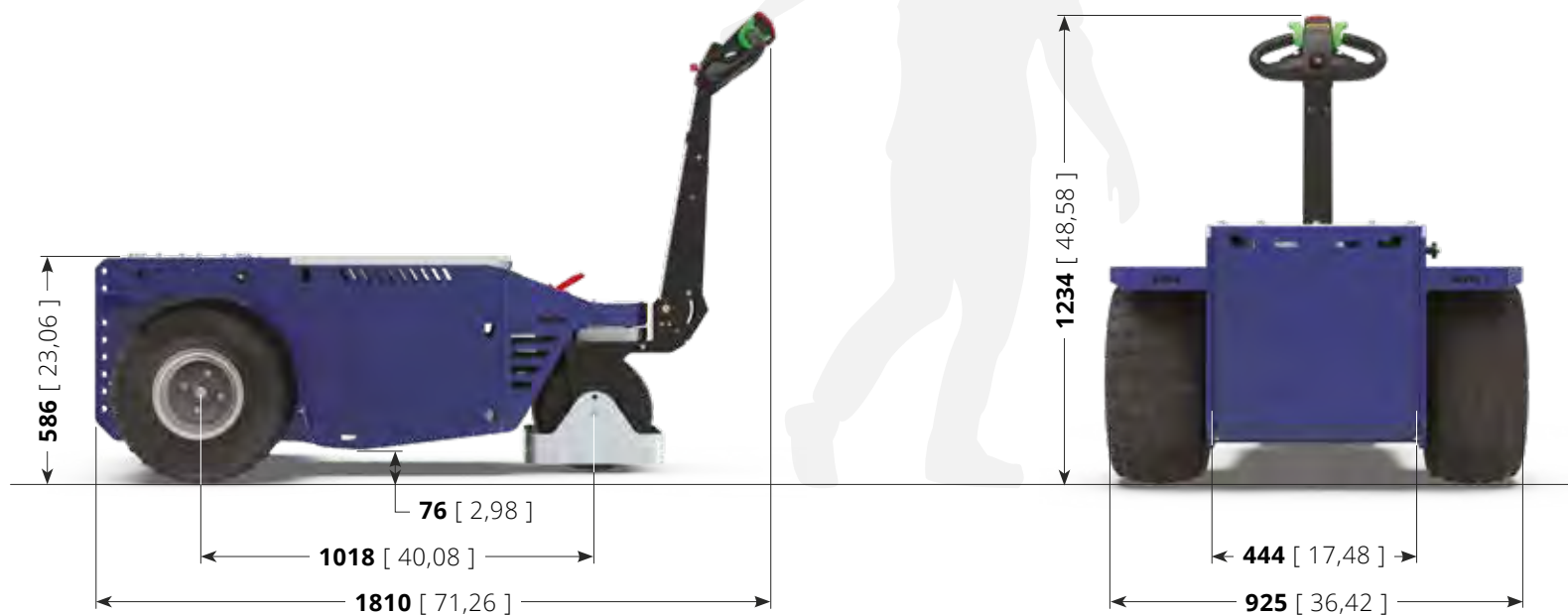
Technical sheet

Model name	M10
Certification	CE
Tow capacity	15.000 kg
Maximum speed	5,0 km/h
Batteries	AGM 350 Ah
Weight (without batteries)	280 kg
Length	1.810 mm
Width	925 mm
Height	1.234 mm
Steering diameter	2,51 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



M10 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.



Guaranteed autonomy



M10 is equipped as standard with four **350 Ah** batteries, which guarantee the machine an autonomy of **8 working hours with continuous use**.

The batteries are hermetic **AGM** and therefore **do not require maintenance**.



5 levels of speed

The **speed** of **M10** is **adjustable on 5 levels**, to adapt the conduction based on the type of operation you are facing. The so-called *Flex-to-go* system, designed to be able to carry out **maneuvers in fewer steps** by reducing speed in tight spaces and **travel long distances more quickly** by accelerating on straights.



For each level the speed of the machine increases by 20%, according to this curve:

- 1st level: Speed at 20%;
- 2nd level: Speed at 40%;
- 3rd level: Speed at 60%;
- 4th level: Speed at 80%;
- 5th level: Maximum speed;



Safety

Just like all Zallys vehicles, **M10** 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;
- **Dead-man sensor** on the tillerbar;
- **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**;
- **Protections** for driving and steering wheels;
- 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 **M10** gives flexibility in increasing the performance of the machine: the single unit weighs **22 kg**, so a single operator can add or remove weight as needed, without the need for external lifting systems.

Furthermore, on this model it is possible to mount **17 kg rear weights** to further increase performance.



Connection hitches



M10 has a wide range of **connection hitches** to be versatile and suitable for numerous applications.



Drop pin hitch
Ø35 / 40 / 50 mm



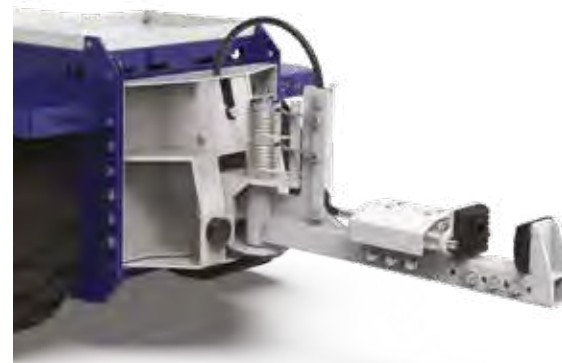
Multifunction hitch
ball / drop pin



Pushing block



Hydraulic sliding
plate



Hydraulic clamp hitch
with manual pump

Application examples

Sectors of application:



INDUSTRIAL LOGISTICS



METALLURGICAL INDUSTRY




RAILWAY INDUSTRY



AUTOMOTIVE



Metallurgical industry 



Industrial Logistics 



Industrial Logistics 



Metallurgical industry 



Automotive 



Railway Industry 

Alternative versions

M10 is available in the standard version or it is possible to request the modification for **ATEX** and **IECEX** certifications through specialized bodies.



M10

Standard version

M10 is the ideal solution for moving heavy loads. Thanks to the powerful electric motor, in fact, it can tow loads of up to **15,000 kg on wheels**, and **60,000 kg on rails**.



M10 | ATEX

ATEX and IECEx certifications

Upon request, **M10** can be modified according to **ATEX** or **IECEX** directives (zones 1/21 and 1/22) for use in environments with potentially explosive dust and gases. The explosion-proof transformations and certification will be carried out through specialized bodies following their analysis and tests.



1996



2006



2016



www.zallys.com

Contacts:

sales@zallys.com

+39 0445 366785

Zallys srl srl - Via Palazzina 1, Sarcedo 36030 (VI) - Italia