





Tow



• • • the passion for moving

M6.5



6.000 kg



400 kg



4,5 km/h




15 %






M6.5

Industrial electric cart mover

 6.000 kg

 400 kg

 4,5 km/h

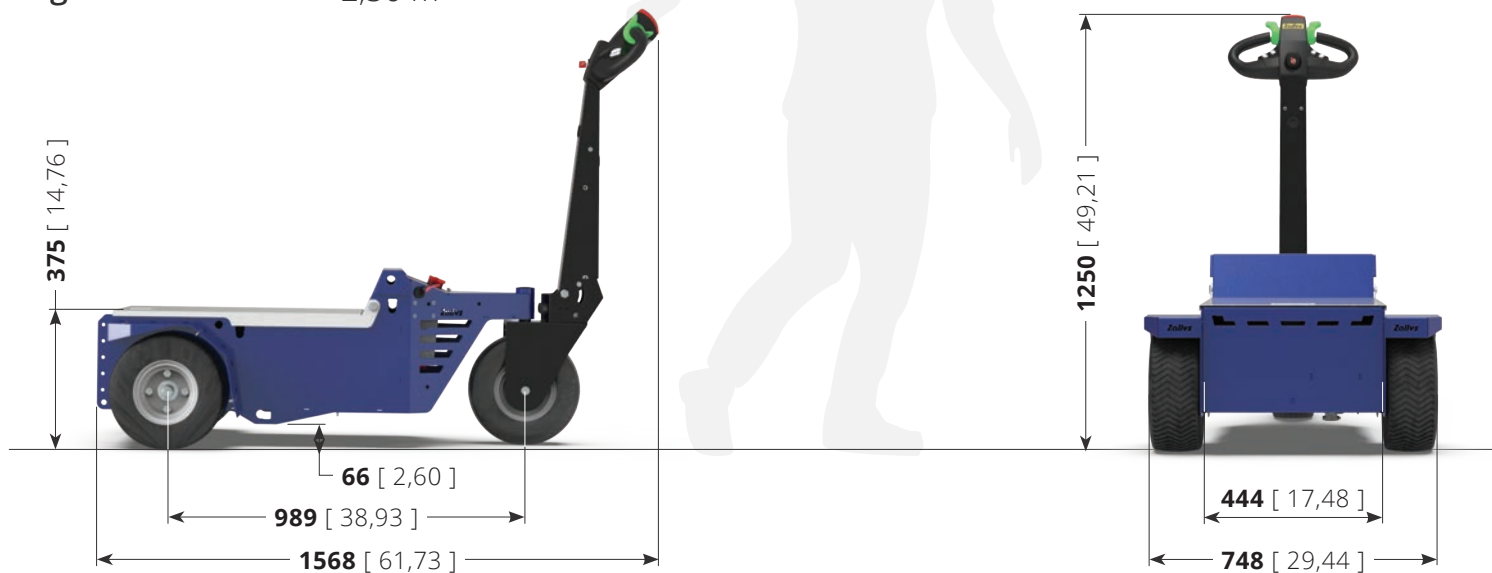
 15 %

- for loads up to **6.000 kg**;
- **ATEX** and **IECEx** certifications available for use in potentially dangerous and explosive environments;
- optional **electric lifting system** up to **400 kg**;
- **5-level speed** adjustment;
- wide range of **standard or customizable hitches** upon request.

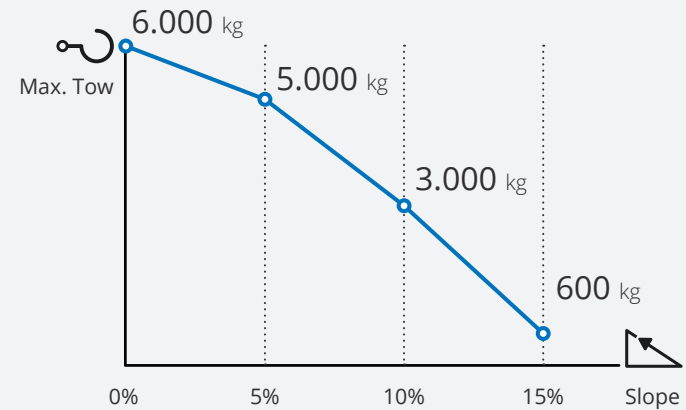


Technical sheet

Model name	M6.5
Certification	CE
Tow capacity	6.000 kg
Lifting capacity	400 kg
Maximum speed	4,5 km/h
Batteries	AGM 130 Ah
Weight (without batteries)	94 kg
Length	1.568 mm
Width	748 mm
Height	1.250 mm
Steering diameter	2,50 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



M6.5 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



M6.5 is equipped as standard with two **130 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**



5 levels of speed

The **speed** of **M6.5** 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, **M6.5** 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**;
- **Protection** for the steering wheel;
- Mushroom button for **emergency stop** on tillerhead;
- **Numeric keypad** instead of the key for turning on the machine.



Electric lifting system

The **optional lifting system** transforms **M6.5** into a tug capable of handling trailers that need to be lifted from one side. For example, it is very useful for moving 2-wheel trolleys, helicopters, boats and caravans.



Connection hitches



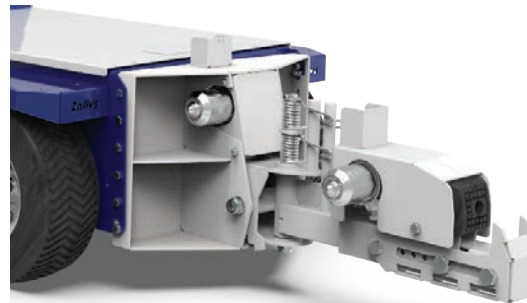
M6.5 has a wide range of **connection hitches**, mechanical or electrical, to be versatile and suitable for numerous applications.



Drop pin hitch
Ø16 / 20 / 35 / 40 mm



Multifunction hitch
ball / drop pin



 Electric clamp hitch



Hitch for trash bins

Modular ballasts



The **modular ballast system** of **M6.5** gives flexibility in increasing the performance of the machine: the single unit weighs just **10 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.



Application examples

Sectors of application:



INDUSTRIAL LOGISTICS



METALLURGICAL INDUSTRY



TOURISM, HOTELS & RESORTS




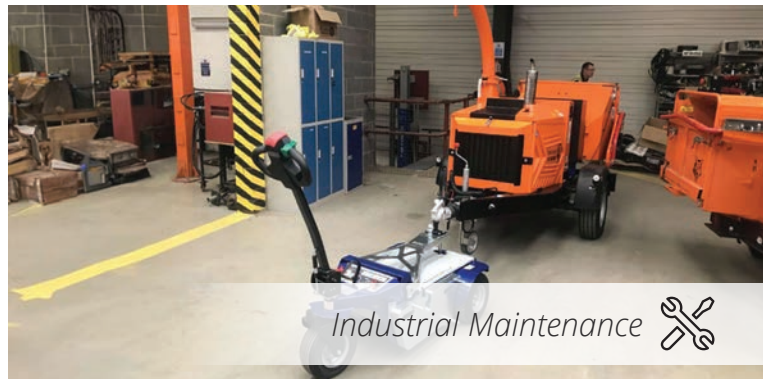
CARPENTRIES & PAINTINGS



Metallurgical industry 



Glass Industry 



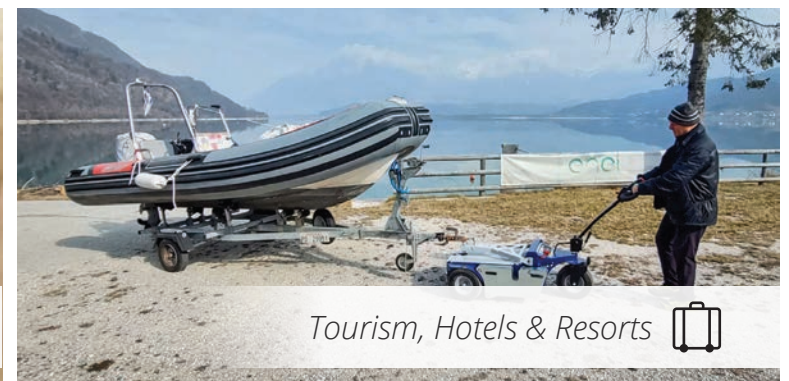
Industrial Maintenance 




Carpentries & Paintings 



Industrial Logistics 



Tourism, Hotels & Resorts 

Alternative versions

M6.5 is available in the standard version or it is possible to request the modification for **ATEX** and **IECEX** certifications through specialized bodies.



M6.5

Standard version

M6.5 represents the ideal solution to eliminate manual handling of loads. Thanks to the optional electric lifting system it is suitable for towing trailers, trailers and 2-wheel trolleys.



M6.5 | ATEX

ATEX and IECEX certifications

Upon request, **M6.5** 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



...the passion for moving

2006



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2016



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