



• • • the passion for moving

M16



Tow



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6.000 kg



1.800 kg




4,0 km/h





M16

Electric tow tug with hydraulic lifting system

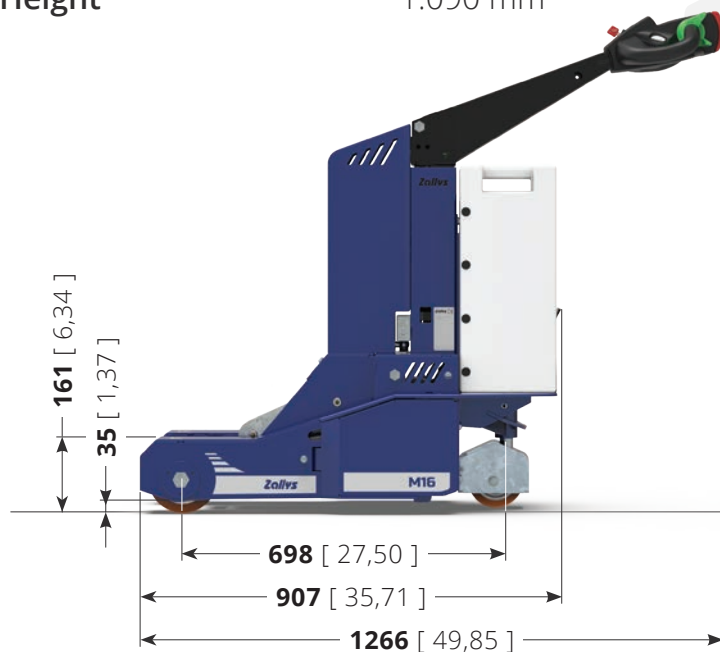
 6.000 kg  1.800 kg  4,0 km/h

- for loads up to **6.000 kg**;
- **hydraulic lifting system** up to **1.800 kg**, ideal for 2 wheels trolleys;
- 24/7 operation thanks to the **interchangeable battery pack**;
- **5-level speed** adjustment;
- **standard or customizable hitches** upon request.



Technical sheet

Model name	M16
Certification	CE
Tow capacity	6.000 kg
Lifting capacity	1.800 kg
Maximum speed	4,0 km/h
Batteries	AGM 45 Ah
Weight (without batteries)	142 kg
Length	1.266 mm
Width	464 mm
Height	1.090 mm



Unit:
mm [inch]

Ergonomic driving



M16 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.

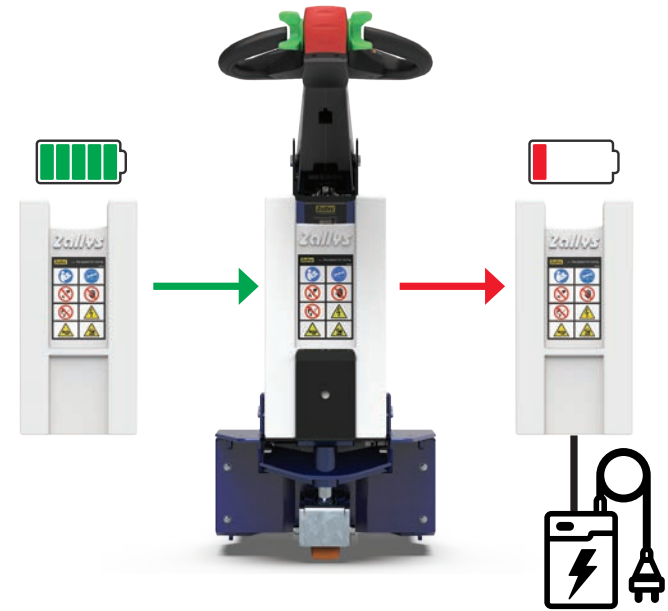


24/7 Operation



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 **45 Ah**.



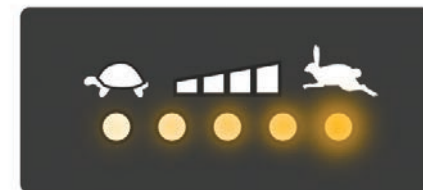
5 levels of speed



The **speed of M16 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, **M16** 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.



Hydraulic lifting system

M16's hydraulic lifting system has been specifically designed to handle 2-wheel trolleys, which must be lifted on one side to be able to be moved. **Controlled with a potentiometer directly from the tiller head**, it makes operations simple, safe and without physical effort on the part of the operator.



Modular ballasts



The **modular ballast system** of **M16** 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



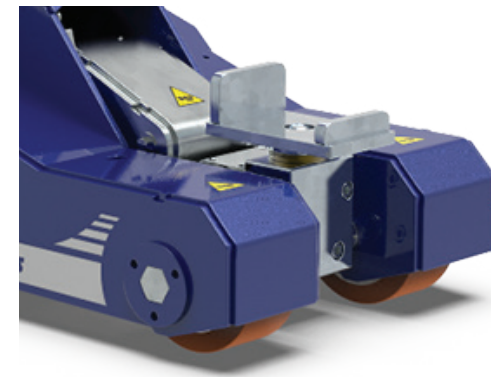
M16 has some **connection hitches**, standard or customized, to be versatile and suitable for numerous applications.



Ball hitch
for top block



Ball hitch
for front block



Swivel hitch
with custom attachment

Application examples

Sectors of application:



INDUSTRIAL LOGISTICS



METALLURGICAL INDUSTRY



TEXTILE INDUSTRY



Metallurgical Industry



Industrial Logistics



Metallurgical Industry



Metallurgical Industry



Textile Industry



Industrial Logistics







1996



...the passion for moving

2006



... the passion for moving

2016



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