



**M12**

Vertical electric tug

# M12

Z178.720



5,0 km/h



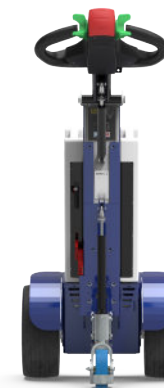
1.500 kg



15 %

- For loads up to 1.500 kg.
- Versatile and compact.
- Interchangeable battery packs.
- 5-levels speed adjustment.
- Wide range of accessories and connections.
- Optional remote control driving.

👁 Front View



👁 Side View



👁 Rear View







**Zolllys**<sup>®</sup>

TABLE:  
**Z178.720**

M12

Unit: **mm** [inch]

## Main sectors



AUTOMOTIVE  
INDUSTRY



METALLURGICAL  
AND TURNING  
INDUSTRY



RAILWAY  
INDUSTRY



GLASS  
INDUSTRY



TEXTILE  
INDUSTRY



INDUSTRIAL  
MAINTENANCE



LAUNDRIES AND  
MULTISERVICE  
COMPANIES



FOOD INDUSTRY



AIRPORTS

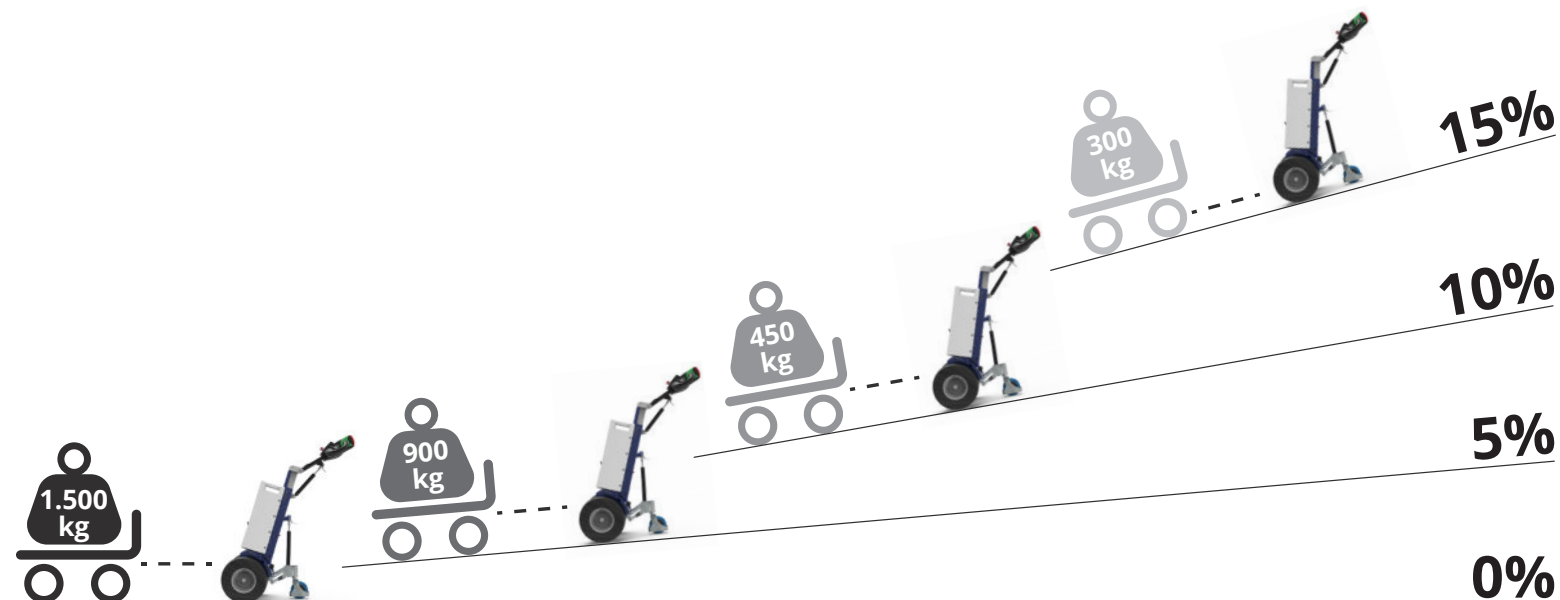


HOSPITALS

## Performances on slopes

While the force expressed in N at the hook remains unchanged, the following circumstances **may affect the towing capacity expressed in kg**:

- **type of ground** on which the towing is performed;
- towing on **flat ground or on a slope**;
- use (or not) of **ballasts**;
- **type of wheels** mounted on the vehicle and on the trailer.



## 5 levels speed adjustment

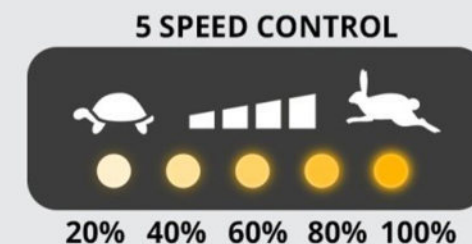
On the new M12 tillerhead by Zallys is mounted **as standard** a button for the adjustment of the speed of the machine. By clicking it, at each click you switch to the next level. This allows a fast and easy selection of the correct speed based on the kind of manoeuvre. **The Flex-to-Go system** has been studied to give a better maneuverability in confined spaces and more speed on the longer journeys.

Each click adds **20% more speed**.

### Speed ramp:

20% - 40% - 60% - 80% - 100%

Once the maximum speed is reached, by pressing the button again it returns to 20%.



## Ergonomic driving

Zallys' tillerhead has been conceived and produced to make the use of the machine more ergonomic for the operator, guaranteeing the right **comfort while driving during the work shift**. Its **ergonomic design** allows to have **all the driving controls at your fingertips**, the display with the battery charge level and the power key for an easy and fast ignition. The **structure** is made of **resistant materials** in case of accidental bumps.





## The right wheels for every need

JACK mounts **pneumatic wheels** as standard, suitable for both indoor and outdoor use, and guarantee the maximum grip and a very low level of vibrations. Moreover, they are really resistant and offer exceptional performances on every terrain. On request it is possible to put on a different kind of wheels, such as **Tractor wheels** for irregular or uneven terrains, or the **“non-marking superelastic” wheels**, for delicate floorings.



33Ah - AGM

45Ah - AGM

40Ah - Litio

## Interchangeable battery packs 24/7

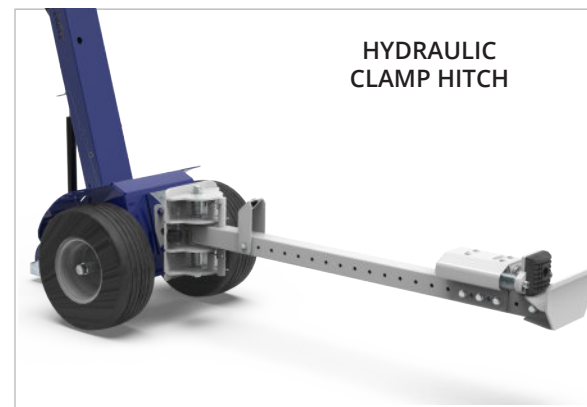
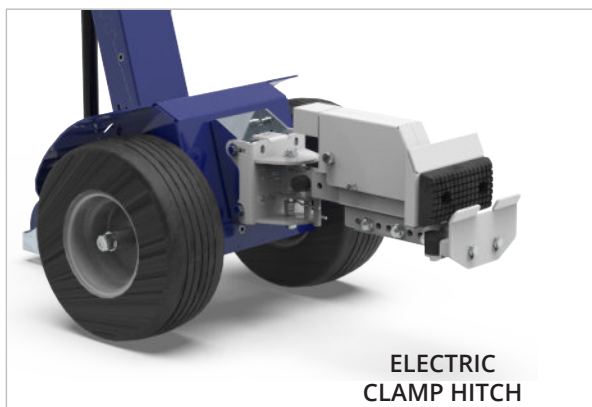
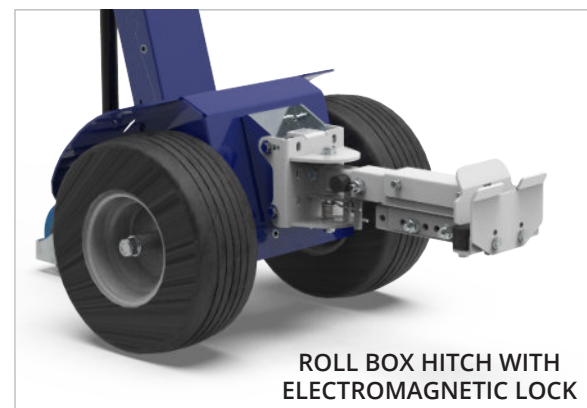
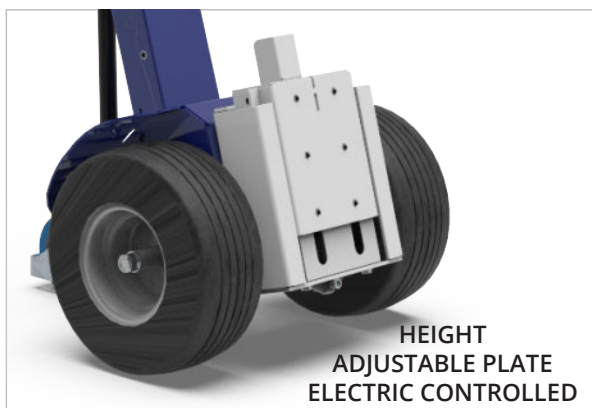
Battery packs are lightweight and easily **interchangeable** in order to cover several work shifts: when one is discharged you can put it in charge and immediately replace it with a fully charged one. This way, the machine is always operating! Moreover, **different amperages** are available according to your needs: 33Ah, 45Ah AGM or 40Ah Lithium



## Modular ballast system

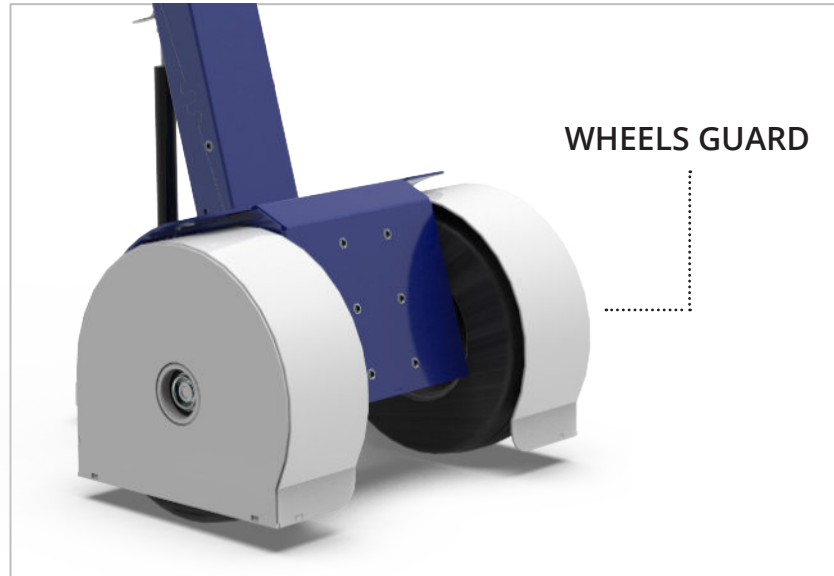
Zallys **modular system** guarantees **maximum flexibility** on increasing the vehicle's performances. With just **4 kg unit weight**, single ballasts are lightweight and can be equipped **without physical effort by the operator**, while maintaining all their effectiveness.

# STANDARD HITCH





# ACCESSORIES





## Examples of applications

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on various production sectors



# AUTOMOTIVE INDUSTRY

**Zollus**  
... the passion for moving







# METALLURGICAL INDUSTRY

**Zolllys**  
the passion for moving







# RAILWAY INDUSTRY

**Zollys**  
... the passion for moving



# GLASS INDUSTRY

**Zolllys**  
... the passion for moving







# TEXTILE INDUSTRY

**Zollux**  
... the passion for moving







# INDUSTRIAL MAINTENANCE

**Zolllys**  
the passion for moving







# LAUNDRIES AND MULTISERVICE

**Zollys**  
the passion for moving







# FOOD INDUSTRY

**Zolllys**  
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# HOSPITALS

**Zollux**  
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Zallys