



Robik **LIZARD S** Robik lizard s is an innovative electric towing system for moving medium loads. A unique system of its kind as a tug, entirely Made in Italy, in fact it is designed and built in Padua.

Robik **LIZARD S** is the most robust, compact and powerful electric tug in the current panorama of tracked radio-controlled machines.

If necessary, it also acts as a very useful electric platform in those cases where it is necessary to transport heavy materials in conditions that are not always optimal such as difficult surfaces and slopes, as its particular tire configuration guarantees considerable grip and safety.

This electric mover has been designed for handling trailer trolleys, wheeled trolleys, pedalos, jet skis, caravans and more.

Thanks to a wide range of accessories you can get the most suitable configuration of **LIZARD S** depending on the type of handling to be performed.



FEATURES

One of a kind radio-controlled half-tracked vehicle, Robik **LIZARD S** is entirely **Made in Italy**: from design to construction.

Boasts an attractive design, several factors were taken into account at the design stage:

- ✓ **Track propulsion**: ensures a large surface area to generate displacement traction;
- ✓ **Minimum height achievable**: ensures a low center of gravity and a minimum height from the ground;
- ✓ **Low weight and dimensions**: distinctive aspects for the category of these machines;
- ✓ **24 Volt power supply** ensures the necessary autonomy;

DESIGN, STRUCTURE . ADVANCED COMPONENTS

- ✓ **Advanced electronics of the latest generation**: ensures the millimetric management of the two powerful engines installed;
- ✓ **ABT Power Deep Cycle Free Maintenance quality airtight accumulators**. The project also provides upon request solution with lithium batteries;
- ✓ **Professional Radio-control Maxi Compact**
- ✓ **Power and efficiency**: guarantees considerable pulling and thrusting capacity even on difficult surfaces as well as being used as a platform with loads up to 250 Kg;

- ✓ **Minimum width reduction**: width is 790 mm, can therefore pass through a door;
- ✓ **Lifting arm** for fixing to various trolleys (upon request);
- ✓ **Charging System Off Board (IP 66)**;
- ✓ **Lid at the top** to prevent dust and moisture from entering the component compartment;
- ✓ **IP 40 protection** in the upper part of the machine created specifically to protect the electrical components from external agents;
- ✓ The **frame is structured** to allow the distribution of forces thanks to the track and the particular system for damping the thrusts in 2 lateral points, allowing the forces to be absorbed, guaranteeing power and mechanical resistance and maximum grip;
- ✓ Autonomous solar charging system (upon request);



OPTIONAL

- ✓ **LIFTING SET** with positioner for fixing to various trolleys without using bearings
- ✓ **BALL/PIN HOOK SET**
- ✓ **BALL HOOK SET**
- ✓ **PHOTOVOLTAIC PANEL CHARGING SET**
- ✓ **ADDITIONAL BATTERY EXPANSION SET**
- ✓ **SET counterweights** set ballasts n°2 plates (1 plate 36 kg) total 72 kg

MULTI FUNCTIONAL

Robik **LIZARD S** has a dual functionality, it can be used as:

- **TOWING TRACTOR**: its special structure gives great towing capacity.
- **DUMPER TRANSPORTER**: can carry a maximum load of approximately 250 kg on the platform, as this can vary depending on the presence or absence of slopes.

FIELDS OF APPLICATION

TOURISM SECTOR:

Tow tractor for moving caravans, camping, caravan towing storage.

NAUTICAL SECTOR:

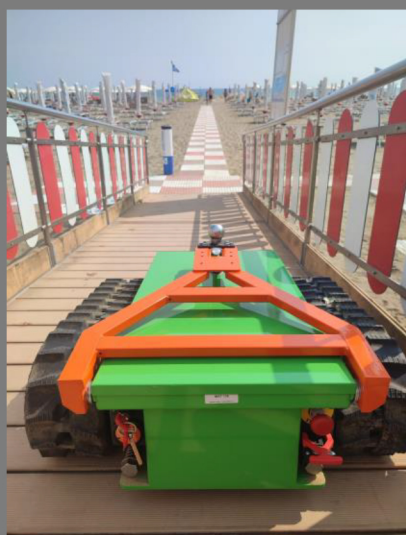
Boat tower Docks, garages, boat towing trolleys for boats.

AGRICULTURAL SECTOR:

Transport of materials in difficult terrain and with slopes.

CONSTRUCTION SECTOR:

Electric Dumper, Transport of material on rough terrain.



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