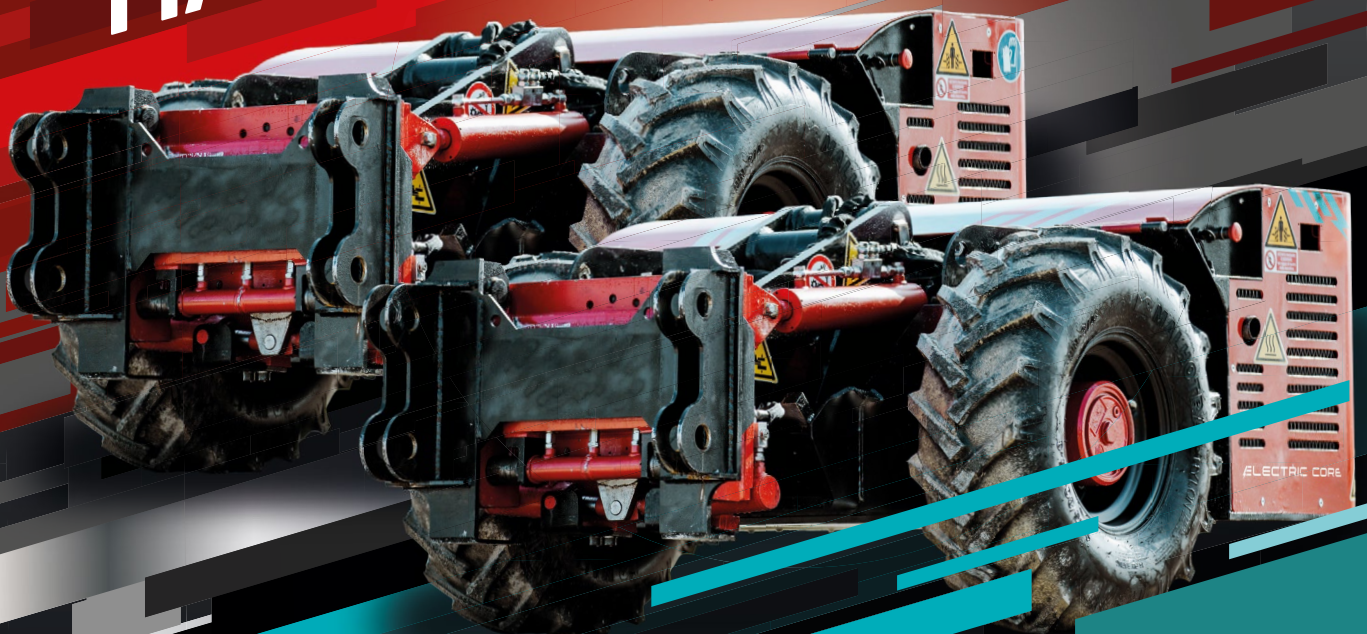


# THE REVOLUTION IN CONSTRUCTION SITE HANDLING



DESIGNED FOR  
SIMPLIFICATION

**RedMule**  
JUST ONE HAND NEEDED

## REDMULE ELECTRIC CORE. PURE ENERGY.

Sustainability, zero maintenance, cost-effectiveness. RedMule electric is the ultimate evolution in construction crane movement. Same design, same features, same reliability as before, but electric.



MODEL	RM-C2	RM-CE2
Engine	diesel	electric
Emission regulations	Stage-V	zero emission
Power	18kW	14kW
Lifting capacity (kg)	13.000	13.000
Speed (km/h)	5	5
Dimension	Length: 183 (cm) Width: 165 (cm) Height: 94 (cm)	Length: 183 (cm) Width: 165 (cm) Height: 94 (cm)
Commands and traction	hydrolics	hydrolics
Autonomy on a single charge*	4 hours	2 hours (batt: 20kWh) 4 hours (batt: 40kWh)
Refuel time	2 minutes	1 hour charging time corresponds to 1 hour of use
Battery charger		integrated
Maintenance engine (h)	500	0
Extended Warranty** (y)	5	5

\*\* the range depends on the chosen battery capacity

\*\* warranty applies only to structural components



# BORN FOR THE CONSTRUCTION SITE WITH EXPERTISE, PROFESSIONALISM, APPLIED RESEARCH, AND PASSION.

## THE DETAILS MAKE THE DIFFERENCE

**RedMule** has been designed and tested to be used where an advanced motorized cart with unique patented features is required.

- 1** Double and continuous proportional speed control: a rotary potentiometer from the remote control sets the maximum speed limit, and a proportional control joystick modulates the ramps of acceleration and braking.
- 2** Remote control with multipage display where **RedMule** cart communications will be instantly displayed.
- 3** Easy to use and intuitive, only simple maintenance interventions are needed.
- 4** The double hitch, rotation, and quick coupling allows flexible movement and coupling to a dynamic load in any situation.





# THE CURRENT LIMITATIONS IN HANDLING ARE NOW A THING OF THE PAST.

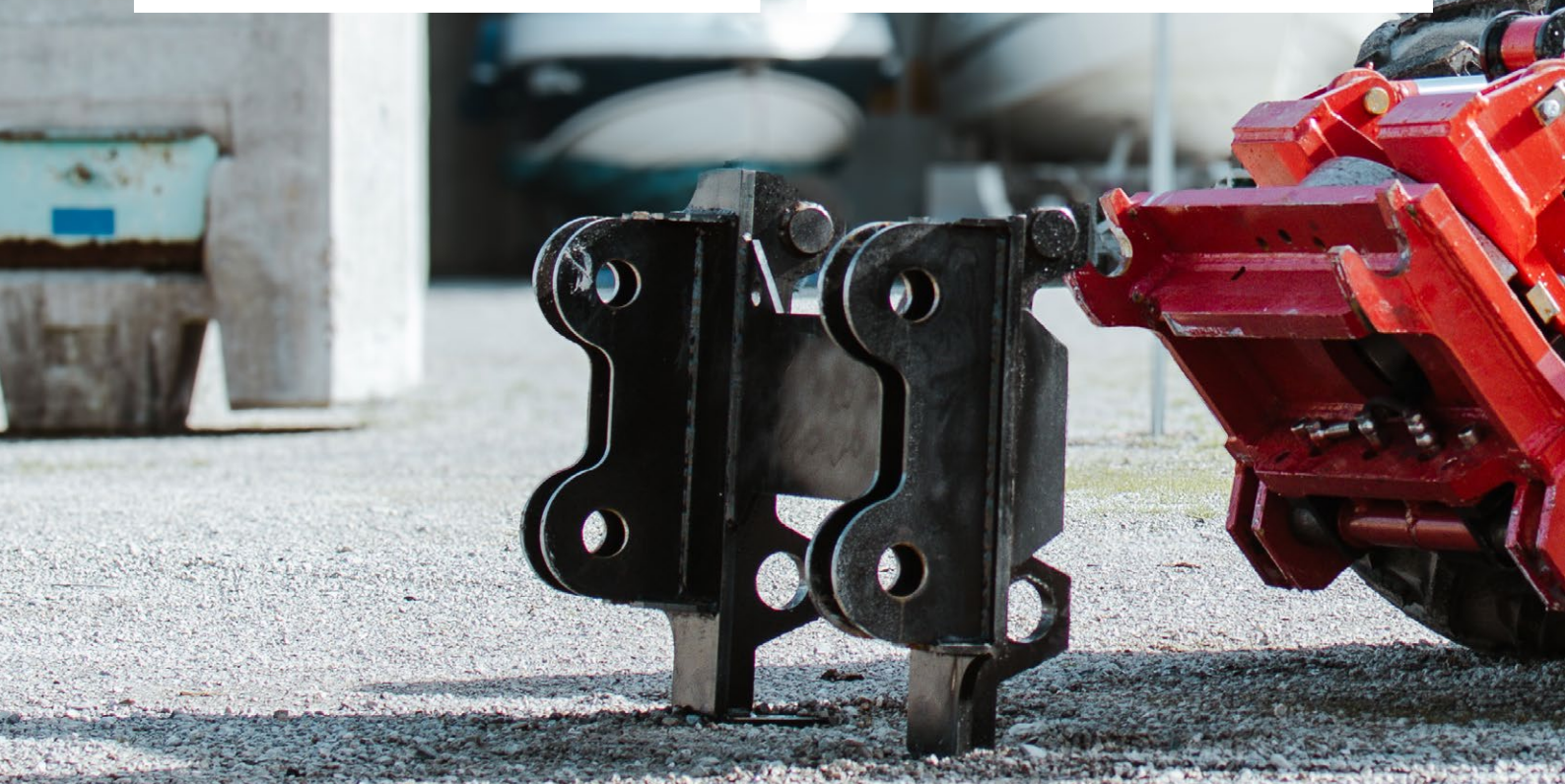
## JUST ONE HAND NEED

Command **RedMule** with just one hand. No other lifting equipment or attachments are needed. The lifting function has been designed to connect the crane adapter with one hand thanks to the patented **RedMule** solution: connect the quick coupler directly from the ground, on a vehicle, or in any other position. The universal quick coupler has never been so easy to use.



## SIZE AND PERFORMANCE MATTER

In places where there are extreme conditions such as construction sites, roads with bumps or hairpin bends, and gradients, stability is guaranteed by the power and the possibility of managing maneuvers at modulated speeds thanks to the proportional adjustment system. Thanks to its advanced design, **RedMule** reduces the maximum dimensions of the machine, improves the maximum loads, and significantly increasing the pulling force.









# THE KEY POINTS OF REDMULE

## EVOLVED

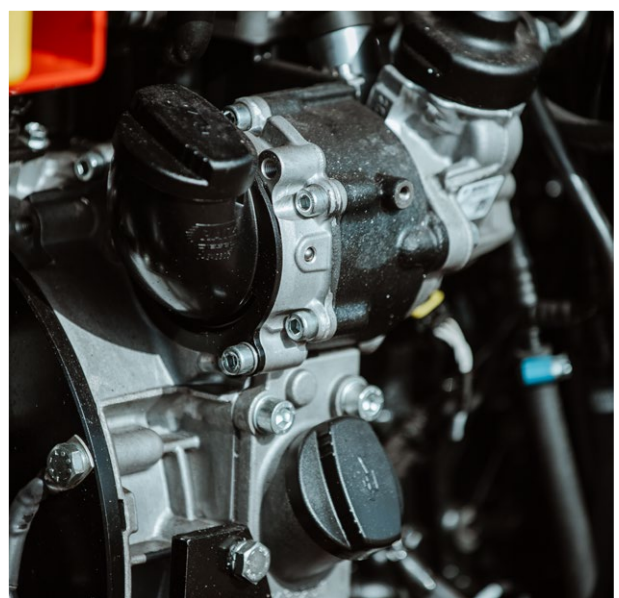
Cutting-edge mechanical solutions and materials. Completely designed with 3D computer graphics modeling, FEM analysis of each key component, and special materials made according to the **RedMule** team's design form the foundations of the motorized cart.

## POWERFUL

Low-emission engine means more power. The lifting group with double leverage ensures small dimensions and support for the 20,000 Nm thrust of the traction group.

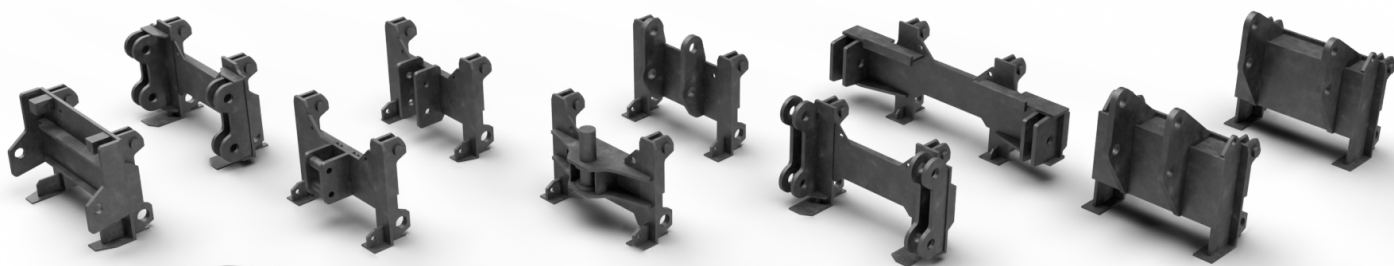
## SAFE

Quick coupler adapters always happen from the ground: no more manual interventions for quick coupling. The operator performs all maneuvers from a safe distance.



MODELS	RM-C1	RM-C2	RM-CE2
Engine	HATZ 3H50T		Elettrico CC
Engine Displacement (CC)	1,464		NA
Power	18kW		14kW
Emission regulations	Stage V (no need for particulate filter or regeneration)		NA
Transmission	Hydrostatics with multi-modular speed variation		
Traction torque (Nm)	20,000		
Speed adjustment with maximum potentiometer and joystick modulation.	Included		
Commands	Hydraulics		
Arm rotation	190°		
Adapter hitch inclination	+o- 11.5°		
Length (mm)	1,830		
Width (mm)	1,650		
Machine height (mm)	940		
Lifting capacity (kg)	9,500	13,000	13,000
Dry weight (kg)	2,010	2,120	2,120
Counterweight	Not need		
Universal Adapter	Always Included		
Quick coupler attachment	Always included with patented Just One Hand technology		
Minimum height of the coupler from the ground (mm)	120		
Maximum height of the adapter from the ground (mm)	1,620		
Remote control with display	Included		
Anomalies signaling on display	Included		
Secondary cabled control	Included		

## OVER 10 ADAPTERS AT YOUR DISPOSAL



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## REMOTE CONTROL

**Remote control with a large multi-page and high-definition display:** control the cart in complete safety and see warning messages directly on the integrated display.

**Emergency cabled control:** any faults that make the remote control unusable do not stop the motorized cart.

**RedMule** includes a second cabled command that will allow moving the load in a maximum safety situation.



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