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# The End of Emissions into the Atmosphere



## Autonomy



up to  
**6h**

working

up to  
**11h**

traveling

**RINO®** is the first electric multifunctional solution in the world a combination of single elements that create a system which offers never before seen performance From today it can operate in any of its multiple configurations without harmful

emissions Our engineers are continually looking for ways to improve energy efficiency in order to assure that the machine will be able to operate most of the day in all its configurations With **RINO®** nothing is impossible

# Energy and Functionality



In 2010 our ongoing research to find the perfect equilibrium between performance and autonomy led us to the idea of a universal platform to host a hybrid supply system. With the realization of the first prototype in 2011 we revolutionized the

traditional way of thought and went fully electric and launched **RINO**® the first vehicle in the world that is multifunctional and completely electric complex platform and ideal for the MIS system which automatically recognizes the connected implements

The background features a series of concentric, curved lines in shades of light gray and white, creating a sense of motion and depth. A solid green square is positioned in the center, containing the text. To the right, there are two horizontal white lines on a gray background, and a solid green rectangle is visible at the bottom left corner.

**A style,  
a function,  
an icon.**

# Research and Design



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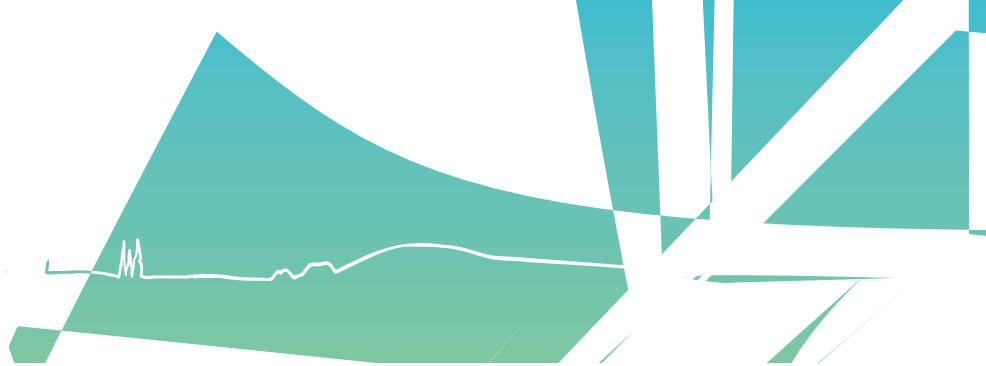


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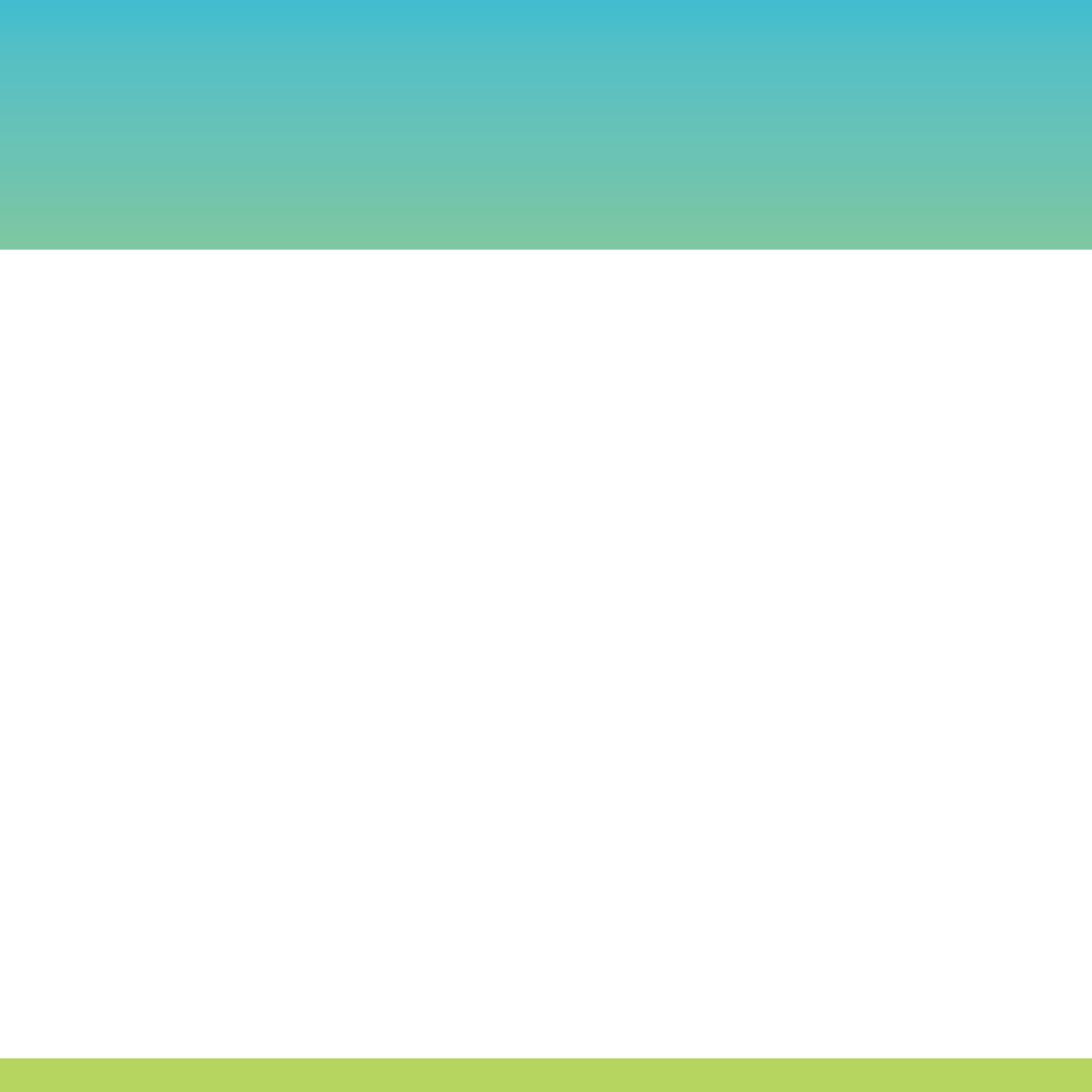
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# Ease of Operation







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# Technical Data

Frame	Domex steel bent and welded by robot		
Power Supply	Lithium ion battery V		
Power	Total available 1 kWh		
Autonomy	Traveling up to 11h Working with brush mowers, finishing mowers, etc. up to h		
Recharging	Domestic networks 1 00 W h 0min Industrial networks 00 W h		
	ar Port developed by DEL MORINO with photoelectric panels and battery		
Power Train	driven wheels with variable velocity		
Max. Speed (forward / reverse)	While traveling: 1 km h While working: Km h variable		
Dimensions	Max. Width front	mm	11
	Max. Width rear	mm	1100
	Length without implements	mm	00
	Height from ground	mm	0
	Steering radius	mm	1 00
Weight	0 Kg without implements		
Tire sizes	Maximum Front 10 0 x 1 mm	Rear 1 0 x mm	
	Minimum Front 0 0 x 1 1 mm	Rear 1 0 x 1 mm	
Driving	Speed controlled electronically with revers Hydraulic power steering		
Lifter	Front controlled by joystick with floating position Maximum lift capacity 00 kg		
Implements (power controlled electronically).	Electric brush mowers mulchers electric finishing mowers electric sprayers electric fork lift Inverter providing 0 V 0 Hz for powering tools such as grass or hedge trimmers chain saws clippers etc or for charging batteries of tools cell phones etc		

18  
kW/h

Total power available limited by MS protection system to guarantee an operating life of 1000 hours for the battery

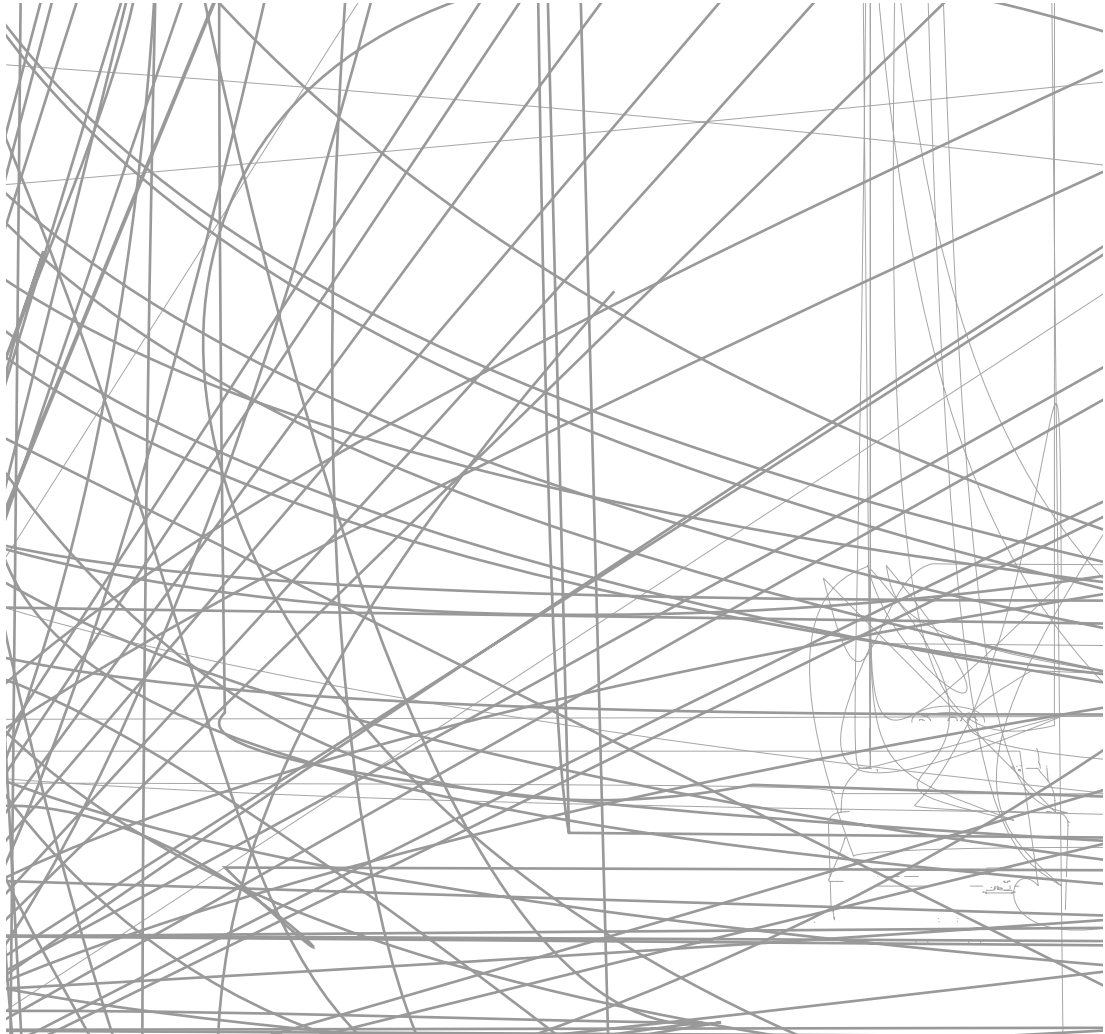
16  
km/h

Maximum travel speed of **RINO®** on public roads

15%

Maximum incline **RINO®** can drive up on dry ground

# Dimensions





**rino**<sup>®</sup>

Patented internationally  
**DEL MORINO s.r.l.** Via Aroni di Sotto 1  
aprese Michelangelo 0 rezzo

[rinoelectric.com](http://rinoelectric.com)

**Del Morino**



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