

## About Legend Robot

### Redefining the Physical Boundaries of Construction

Founded in 2021, Legend Robot stands at the forefront of the "Full-Chain Intelligent System." Our mission extends beyond mere robotics manufacturing; we are reconstructing the fundamental logic of the construction industry through digital innovation.

By deeply integrating perception, decision-making, execution, and cloud connectivity, we empower our machines with industrial-grade precision. This synergy enables autonomous decision-making and flawless execution—even within the most complex environments. From 3.3m residential finishing to 6.2m high-altitude public projects, and from automated paint spraying to millimeter-level tile laying, Legend Robot is transforming traditional construction sites into standardized, data-driven digital factories.

We honor the spirit of craftsmanship while striving to eliminate high-risk, repetitive labor through technology. In the vision of Legend Robot, construction professionals are no longer mere laborers; they are the commanders of intelligent systems, jointly ushering in a new era of efficiency and dignity.

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Legend Robot



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## Residential Interior Powerhouse Series

Latex Paint Spraying Robot (3.3m)

Putty Spraying Robot (3.3m)





Latex paint spraying robot (3.3m) is a leader in interior automated spraying. Designed for residential and commercial spaces, it achieves 95%+ coverage. With unmanned operation, one operator can manage three units, revolutionizing coating efficiency.

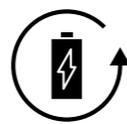
Putty spraying robot (3.3m) is a customized indoor expert for residential and commercial spaces. This "one robot, two functions" system automates putty and paint spraying for walls and ceilings with 80%+ coverage. It optimizes the entire workflow through efficient human-robot collaboration.



Mobile Continuous  
Spraying Technology



Most Compact  
Design



Long-Lasting  
Battery Life



Mobile Continuous  
Spraying Technology



Most Compact  
Design



Proprietary Mixing  
System



Built-in Filtration  
System



Art in Motion,  
Efficiency In Overdrive.



Master of Space,  
Nimble By Design.



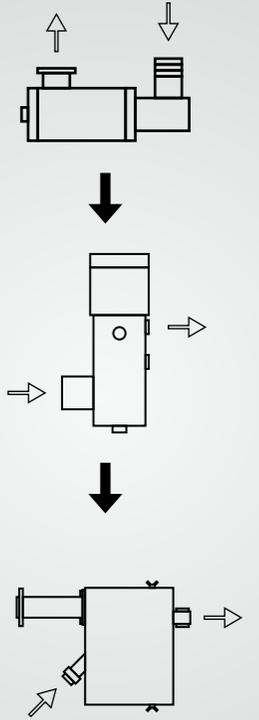
Full-Day Power ,  
Zero Interruption.



1.5-2x Efficiency



Elevator Access:  
Planar Dimensions < 800mm



Three-Stage Filtration

## Latex Paint Spraying Robot (3.3m)

### Three Core Advantages

**World's First Mobile Spraying Technology:** Synchronized movement and coating eliminates pauses, doubling work efficiency.

**Most Compact Design:** A sub-800mm body and zero turning radius ensure 100% accessibility in tight spots.

**Long-Lasting Battery Life:** Supports 8 hours of continuous operation on a single charge for full-day productivity.

## Putty Spraying Robot (3.3m)

### Four Core Advantages

**World's First Mobile Spraying Technology:** Enables simultaneous movement and spraying, boosting efficiency by 1.5x-2x over traditional methods.

**Most Compact Design in the Industry:** With a body measuring under 800mm and an omnidirectional chassis featuring zero turning radius, it ensures 100% site accessibility in narrow spaces.

**Proprietary Mixing & Filtration System:** Prepares 45L of impurity-free material in just 5 minutes to supply the robot's 60L internal hopper, eliminating clogging risks at the source.

**Built-in Filtration System:** Features an integrated three-stage filtration process to minimize mechanical failure and downtime.

## Parameter Comparison

Parameter	Latex Paint Spraying Robot	Putty Spraying Robot
Dimension	780mm * 780mm * 1750mm	780mm * 780mm * 1750mm
Weight	590kg	620kg
Battery Life	8h	4h
Barrel Capacity	56L	60L
Spraying Width	800mm	800mm
Spraying Speed	0.1-0.5m/s	0.1-0.5m/s
Spraying Height	3.3m	3.3m
Spraying Pressure	15MPa	20MPa
Operation Configuration	1 Worker + 3 Robots	1 Robot + 2 Workers (1 For Operation, 1 For Scraping)

## Six Key Features Comparison

Feature	Latex Paint Spraying Robot	Putty Spraying Robot
Quality	70µm micron-level precision	Mirror-like flatness & thickness control
Coverage	95%+ full scene coverage	Blind-spot free operation
Efficiency	Non-stop mobile spraying	500-1000 m <sup>2</sup> /day high capacity
Safety	Zero-incident track record	Dual-shield protection system
Ease of Use	One-touch tablet control	No programming skills needed
Reliability	0.33 failures/month (Ultra-stable)	Anti-clogging filtration design