



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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Heavy-Duty Commercial Project Titans

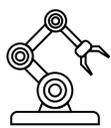
Latex Paint Spraying Robot (6.2m)

Putty Spraying Robot (6.2m)



Latex paint spraying robot 6.2m is an automated high-altitude expert designed for industrial and public buildings. With a 6.2m reach and 95%+ coverage, it allows one operator to manage two robots, maximizing efficiency for expansive spaces.

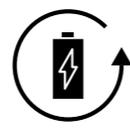
Putty spraying robot 6.2m is a high-altitude intelligent expert for large public buildings. With a 6.2m reach and 80%+ coverage, this "one robot, two functions" system supports human-robot collaboration for efficient spraying and scraping.



Telescopic
Outrigger



Compact
Body



Long-Lasting
Battery Life



Intelligent Adjustable
Support System



Mobile Spraying
Technology



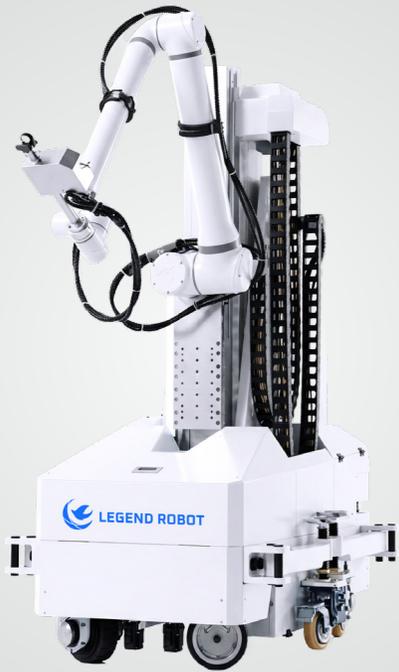
Most Compact
Design



Proprietary Mixing
System



Built-in Filtration
System



Compact Profile,
Infinite Reach.



Flexible Extension,
Rock-Solid Reach.



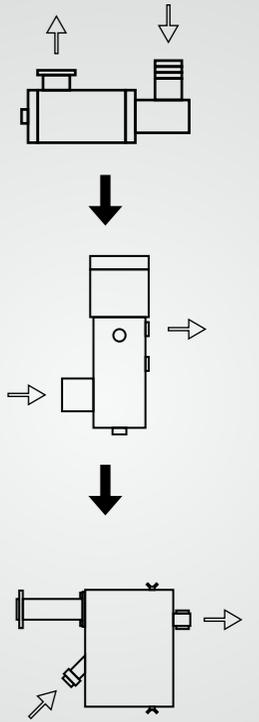
12-Hour Stamina,
Non-Stop Performance



Ultra-High
Reach & Coverage



Unlimited Access
with <800mm Width



Three-Stage Filtration

Latex Paint Spraying Robot (6.2M)

Three Core Advantages

Compact Body: Ultra-compact body (< 800mm width) with zero turning radius ensures easy navigation in standard spaces.

Telescopic Outrigger: Retractable design ensures easy transport and narrow passage access, providing rock-solid stability when extended.

Long-Lasting Battery Life: 12-hour battery life supports high-intensity tasks for continuous, stable productivity.

Putty Spraying Robot 6.2M

Five Core Advantages

Ultra-Compact Design: Industry-first ultra-thin body (<800mm) with zero turning radius ensures easy navigation in narrow international standard corridors.

Intelligent Adjustable Support System: Telescopic outriggers allow compact transport and deploy into a steady 4-point base for safe 6.2m high-altitude operation.

Long-Lasting Power Solution: 8 hours of continuous operation on a single charge handles full-day high-intensity demands.

Smart & High-Power Putty Mixer: Dedicated mixer with "one-grind, dual-filter" process ensures smooth, particle-free putty for quality spraying.

Triple-Stage Filtration Technology: Patented progressive triple-stage filtration eliminates impurities before spraying for a consistent finish.

Parameter Comparison

Parameter	Latex Paint Spraying Robot (6.2m)	Putty Spraying Robot (6.2m)
Dimension	1450mm * 780mm * 1750mm	1500mm * 780mm * 1750mm
Weight	950kg	1000kg
Battery Life	12h	8h
Barrel Capacity	100L	100L
Spraying Width	800mm	800mm
Spraying Speed	0.1–0.5m/s	0.1–0.5m/s
Spraying Height	6.2m	6.2m
Spraying Pressure	15MPa	20MPa
Operation Configuration	1 Worker + 2 Robots	1 Robot + 2 Workers

Six Key Features Comparison

Feature	Latex Paint Robot (6.2m)	Putty Robot (6.2m)
Quality	70µm ± 5µm single-coat precision	1.2–1.5mm (1st) / 0.6–0.9mm (2nd) thickness
Coverage	Complex environment adaptability	Dead-zone-free coverage (corners & beams)
Efficiency	2,400–3,000 m ² /day massive output	1,000–1,200 m ² /day (1st coat); 1,600–2,000 m ² /day (2nd coat)
Safety	Dual-layer protection; zero incidents	Real-time monitoring; 100% accident-free
Ease of Use	One-click tablet control; no programming	Visual UI with standardized presets
Reliability	0.33 failures/month (1/5th avg)	Full lifecycle support & fast response