

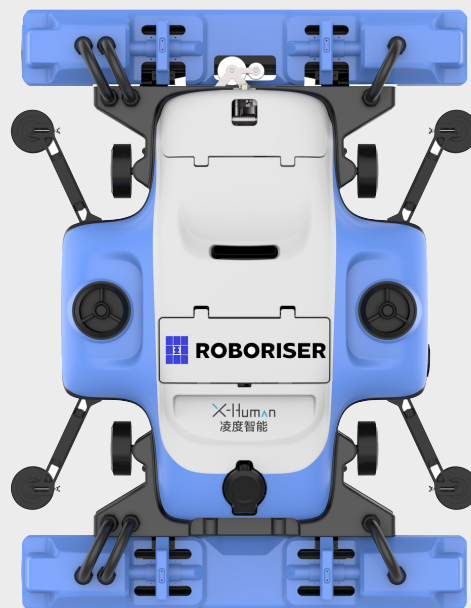
ROBORISER

PRODUCT INTRODUCTION

Lingkong K3

High-rise building flat wall cleaning robot

The appearance of Lingdu intelligent curtain wall cleaning robot Lingkong K3 has changed the traditional cleaning way in the industry, avoided the occurrence of aerial operation accidents, solved the problems of high risk, low efficiency, difficult labor and secondary pollution of manual cleaning with the cleaning efficiency more than 3 times higher than manual cleaning, without external water pipe, air pipe and power supply, and the operation is easy and convenient.



PREPONDERANCES

Safer

- Curtain wall cleaning personnel do not need to work high above the ground, remote control can realize curtain wall cleaning;
- Equipped with emergency safety system, in case of emergency, the emergency safety device will be started automatically, and it will return to the original point of operation with the rope after stopping operation, with double guarantee and high safety.

More efficient

- Real 100+ project data calculation, robot single machine daily cleaning up to 1200-2000m²;
- The equipment can go straight up and down without turning around;
- Robot cleaning efficiency is at least 3 times higher than manual cleaning efficiency.

More energy-saving

- Separate battery design, 2 batteries can last 24 hours of work;
- The robot uses about 20L of water per day to clean the wall, compared to traditional manual cleaning, which requires more than 1 ton of water and saves more than 100 times the water consumption than manual cleaning of a 100-meter building.

More environmental

- Sewage recovery and filtration system, up to 98% of the sewage can be recovered;
- No add chemical cleaning agent, tap water can be cleaned to avoid secondary pollution of the greenery around the scene, while avoiding damage to the glass curtain wall adhesive.

PARAMETERS

Version: Lingkong K3

Size: 1377*1000*288mm

Weight: 67KG

Load-bearing capacity: 1500KG (safety rope)

Working height: 600m

Operating slope: 0~90°

Barrier crossing ability: 10mm

Crawling speed: 0.2m/s

Cleaning efficiency: 720 m²/h

Cleaning surface width: 1000mm

Power supply mode: built-in battery (48V 51AH)

Endurance time: 3H/Battery (±30%)

Withstand temperature: -10°C~45°C

Waterproof level: IP64

Water supply mode: built-in water circulation tank (9L)

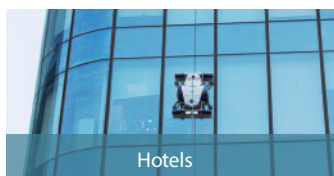
Power failure protection: Self-locking device

Applicable scenes: pure flat glass / pure flat smooth stone

Cleaning components: Yes

Control equipment: Yes

APPLICATION SCENARIOS



Hotels



Office Buildings



Shopping Malls



Railway Stations

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