

# LINGKONG K3

## High altitude curtain wall cleaning robot

### TECHNOLOGIES

- **Eight adsorption devices**

The machine sucks on the high wall firmly, which can stand 12-level strong wind .

- **Self-adsorption power propelling system**

With automatic atmospheric pressure compensation, intelligent boost adsorption is triggered in case of emergency.

- **Four-direction high precision sensors**

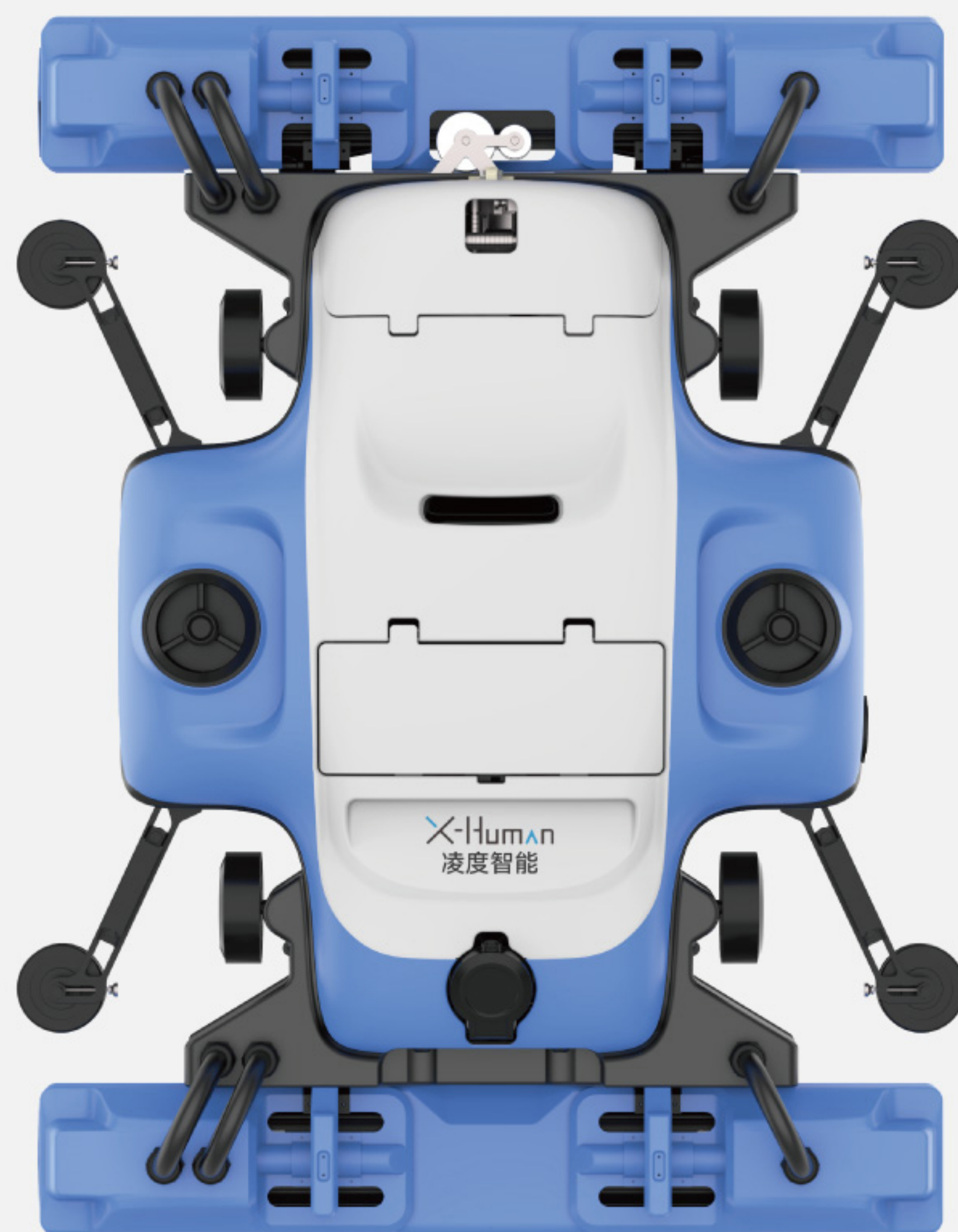
Anti-bumping and anti-collision against building edge and barrier detection for intelligent deceleration and avoidance.

- **Dynamic image feedback system**

One-button switching between intelligent and artificial modes for flexible response.

- **Professional self-locking control system**

The machine can be guaranteed to be hung on the safety rope firmly despite power failure.



### ADVANTAGES

- **Safer**

Anti-wind and anti-falling design + emergency safety system ensure that the machine hangs on the safety rope firmly in case of emergency, and the double guarantees ensure high safety.

- **Cleaner**

Brush-wash-scrape multiple design enables each piece of glass to be scraped and cleaned for several times.

- **Efficient**

Integrating AI technology, daily cleaning quantity is up to 1200-2000m<sup>2</sup> for a single day, thrice of human cleaning efficiency.

- **Environment-friendly**

Water route circulation design and cleaning with running water prevent the secondary pollution of chemical additives on the glass wall surface and greening belt.

- **Power-saving**

Low power consumption design enables one side of a 100-meter-tall building to be cleaned with just 2 pieces of battery, and the sewage filter and recycling system enables 8 liters of water to work for half a day.

### SPECIFICATION

Version: Lingkong K3

Size: 1377\*1000\*288mm

Weight: 67KG

Load-bearing capacity: 1500KG (safety rope)

Working height: 600m

Operating slope: 0~90°

Crawling speed: 0.2m/s

Cleaning efficiency: 720 m<sup>2</sup> /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)

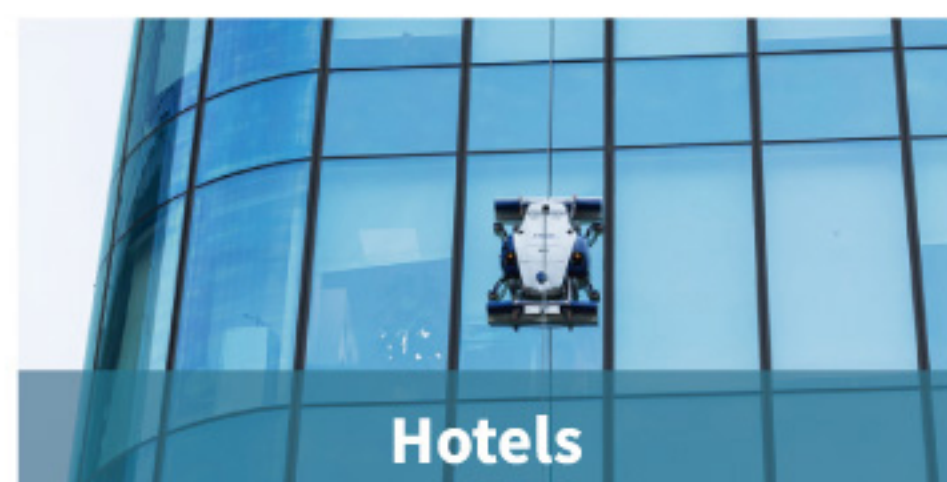
Power failure protection: self-locking device

Applicable scenes: pure flat glass / pure flat smooth stone

Cleaning components: Yes

Control equipment: Yes

### APPLICATION SCENARIOS



Hotels



Office Buildings



Shopping Malls



Railway Stations