



**RJ-BOT
INDUSTRIAL GROUP**

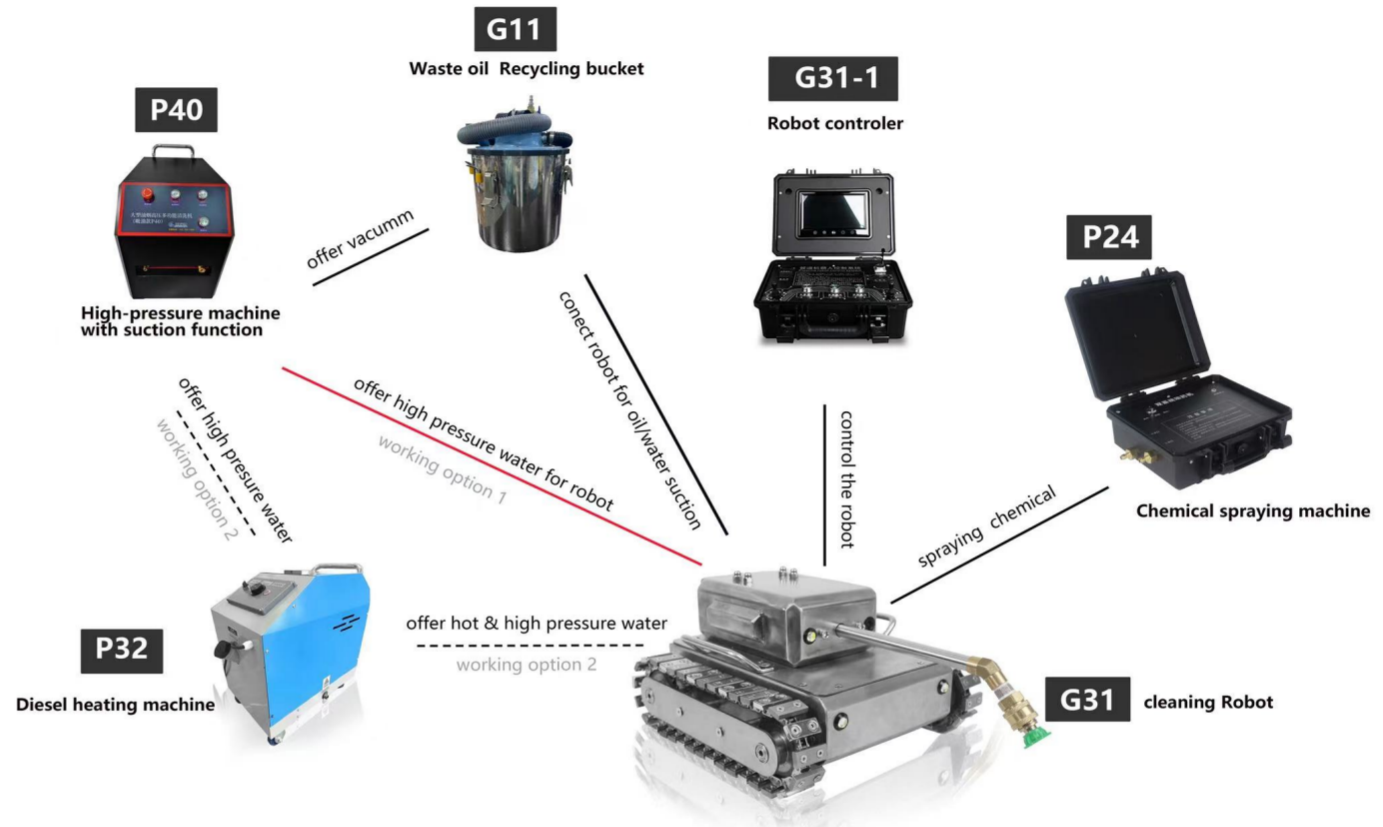
Kitchen Exhaust Cleaning Products Catalogue



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Kitchen Duct Cleaning Solution



Introduction

G31: The robot can enter narrow ducts to clean.

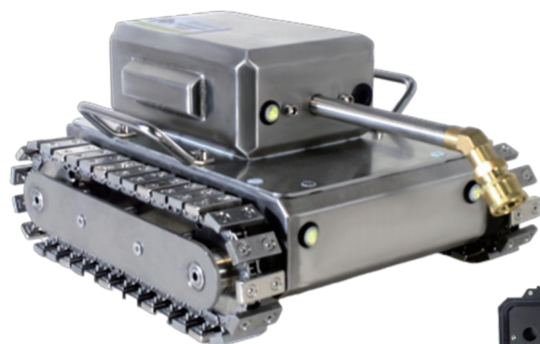
P40: It provides high pressure water up to 2900psi, and has two vacuum motors, which offers vacuum to G11, so that G31 can extract dirty water when cleaning.

P24: It is used to spray chemical directly with gun, or support G31 to spray chemical in the duct. It has two pumps, as backup for each other.

P32: Burning diesel to provide high temperature water.

ROBOT G31

Applicable pipe diameter: >280mm



Robot



Robot control box

Introduction

The G31 Grease Duct Cleaning Robot cleans grease ducts with diameters of 28 cm and above. It features a "one-button start" for 360° rotational cleaning, powered by a high-performance motor, which effectively navigates obstacles.

Equipped with high-definition cameras, it records real-time video for quick inspection of the duct interior. The robot also includes a waste oil recycle system for efficient removal of grease from the ducts.

Features



Oil suction

Clean and suction



HD recording

Infrared cameras



360° cleaning

Supports targeted location cleaning



Powerful magnetic tracks

Non-slip cleaning



High quality

304 stainless steel



Innovative feature

Offline operation

Specifications

Applicable	Round pipes: $\geq 300\text{mm}$ Rectangular pipes: $\geq 300 \times 200\text{mm}$
LED Light	Illuminates the interior of the pipe from all angles
Camera	Infrared night vision HD camera, 1920×1080 resolution
Material	304 stainless steel
Size	280 (W) · 175 (H) · 410 (L) mm
Climb ability	<30
cleaning way	360-degree spiral cleaning
Waterproof	IP68
Drive mode	Powerful magnetic tracks
Working distance	15 meter
Operating height	28-75CM
Oil suction way	Negative pressure oil suction
Weight	15.25KG

Solution Support Machine

P40

High pressure washer with suction function

- Oil Suction Power: 3000W
- Motor Power: 4.5KW
- Water Flow Rate: 20 L/min
- Water Pressure: 180-200 BAR
- Product Dimensions:
710 (W) × 730 (H) × 710 (L) mm



P32

Diesel heater

- Fuel Tank Capacity: 12L
- Operating Temperature: 0-90°C
- Product Power: 300W
- Heating Rate: 10L/min
- Product Dimensions:
380 (W) × 670 (H) × 580 (L) mm



P24 Spraying machine (Dual pump model)

- Inlet Hose Length: 2m
- Outlet Hose Length: 15m
- Wire Cross-Section: 0-2.2mm²
- Voltage/Power: 24V/100W × 2
- Product Dimensions:
310 (W) × 148 (H) × 330 (L) mm



G11

Waste oil recycling bucket

- Product Weight: 11.65 kg
- Product Capacity: 20L
- Product Dimensions:
330 (W) × 450 (H) × 360 (L) mm



Products



GROUP PROFILE



Guangzhou RJ-Bot Industrial Group Co., LTD, headquartered in Guangzhou with branches in Zhanjiang, is an international high-tech enterprise specializing in the research and production of robots for specialized operational scenarios. We offer over 50 specialized robots for various tasks, including commercial kitchen exhaust duct cleaning, ventilation duct cleaning, municipal pipeline inspection, smart patrol inspection.

RJ-Bot operates sales outlets globally, serving thousands of industry clients with a focus on domestic and international markets. Praised for our products and services, we are a high-tech enterprise with software copyrights, patents, and extensive testing reports. We adhere to management systems like ISO9001 and hold certifications such as CE, ROHS, FCC, and REACH.

RJ-Bot has nearly 150 employees, including top-tier product development personnel. We have dedicated teams for product development, project planning, marketing, sales, engineering, and after-sales maintenance.

Additionally, RJ-Bot owns multiple self-operated and strategically cooperative engineering companies, which contribute to the iterative development of our products and accumulate rich engineering experience.



PATENTS

37

5

Design
patent

12

Trademark

20

Utility Model
Patent

R&D ADVANTAGE

Leading the industry with innovation

High-tech enterprises continue to invest in research, quickly respond to product customization needs, build various products and applications, and use brand strength to widen the gap in homogeneity.

Manufacturing Strength

Win trust with quality

We produce strictly in accordance with quality management standards and have Zhanjiang precision manufacturing center, with stable quality and fast delivery.

