

Automated Cotton Candy Machine

From Robites Ltd.



Robites

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Bright and eye-catching colors that attract customers

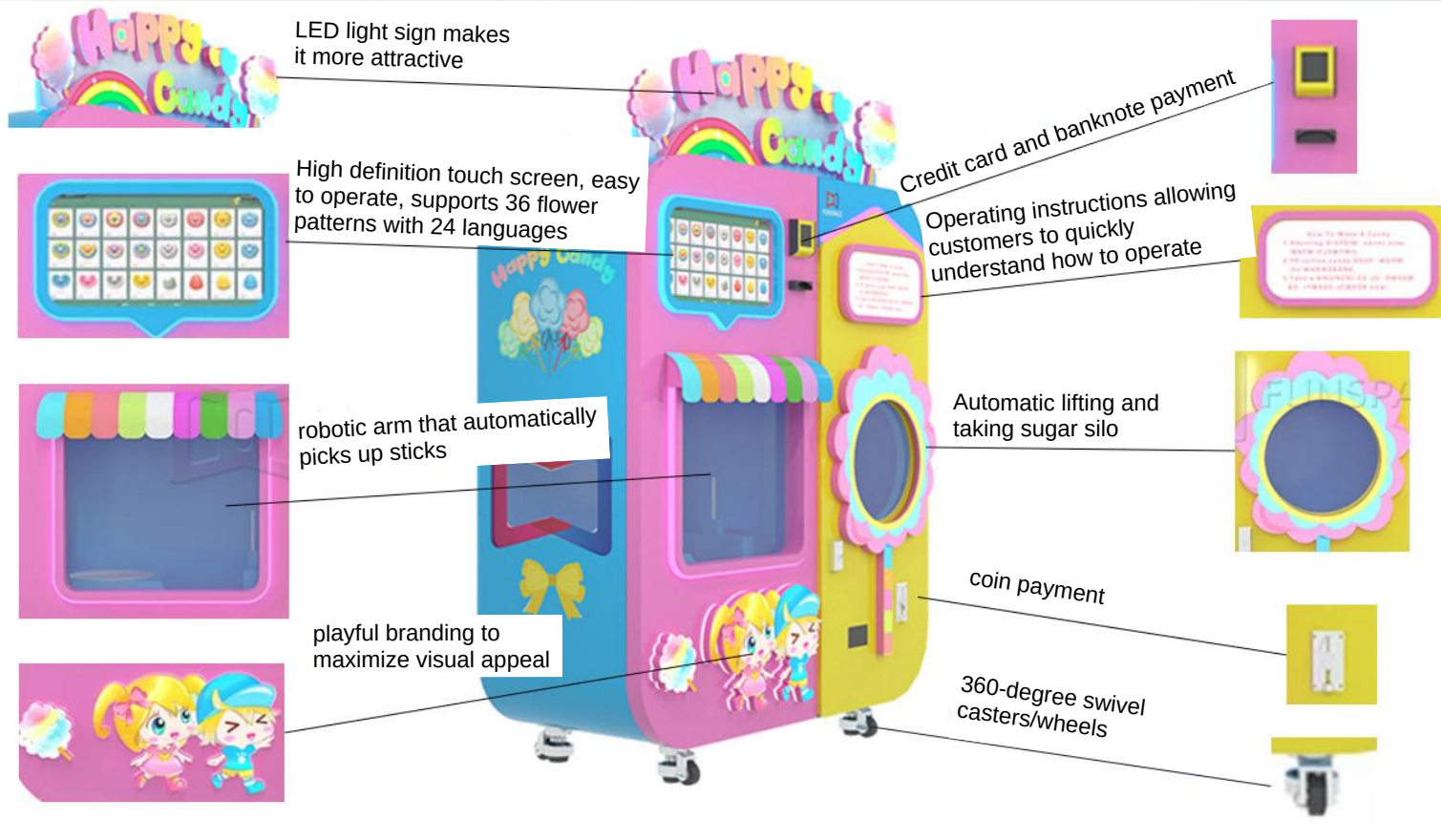


Product structure



Product Name	Cotton Candy Machine
Size	200cm(height)*130cm(width)*66cm(thickness)
Flower patterns	36 types
Sugar capacity	Up to 240 pcs cotton candy
Paper stick capacity	up to 200 pcs
Automatic mode	Fully automatic stick making Cotton Candy
Way of taking cotton candy	sugar storehouse to get sugar
Closed mode	fully enclosed
Device status	Networking (with 4G traffic card)
Power	400w-2000w
Voltage	220V/50HZ
Electric current	10A
sugar consumption	30 pcs Cotton Candy /1kg
Use environment	indoor/outdoor
Operating temperature	-20 to +40 Celsius
Payment method	Credit Card, Bill Payment, Coin Payment.
Charges (for reference only)	£4-£5 per cotton candy
HS code	8476810000
Production time	about 1 minute for one cotton candy

Product structure





● The key features of the Automated Cotton Candy Machine

- **Ultra-Compact Footprint:** Requires just 1 m² of floor space, making it an ideal, high-yield retail concession for entrance foyers and main store concourses.
- **Interactive Family Experience:** Fully automated robotic arm crafts up to 36 custom 3D floral shapes, driving dwell time, footfall, and family engagement.
- **100% Cashless & Contactless:** Integrated card reader supporting contactless, Apple Pay, and Google Pay for fast, hassle-free transactions (£4–£5 price point).
- **High Hygiene & Safety Standards:** Fully enclosed automated preparation environment with built-in constant temperature control and dual automated cleaning nozzles to ensure flawless hygiene.



● The key features of the Automated Cotton Candy Machine

- Fully Autonomous Operation: 4-color sugar capacity (8 kg total) capable of producing up to 240 units per re-fill, supported by 4G SIM connectivity for real-time telemetry and remote inventory tracking.
- Zero Operational Burden on Venue: ROBITES LTD manages 100% of the restocking, routine cleaning, technical maintenance, and UK regulatory compliance.
- Energy Efficient: Smart-burner climate control minimizes power draw using standard 230V UK mains electricity.
- Robust Operational Support: Backed by 24/7 technical monitoring, comprehensive local engineering maintenance, and full UK Public Liability Insurance.

Product Features



Brushless motor, more stable operation



Robotic arm that automatically picks up sticks



Heated utility knife for styling



Closed production, clean and constant temperature



LED lights, more eye-catching



Store 8kg sugar, about 240 cotton candy can be made



High definition touch screen, easy to operate



Reasonable heat dissipation system



Automatic lifting and taking sugar silo

Fancy of 36 kinds of sugar





● Smart Cloud Management & Remote Telemetry

1. Remotely switch advertising videos: Upload or update promotional videos or digital signage displayed on the machine's front screen directly from your phone/laptop.
2. Remote machine restart and shutdown: Power cycle or reboot the machine over the cloud if software glitches occur.
3. Remotely set price and item name: Adjust product pricing (e.g., charge £4 vs. £5) or rename flower shapes instantly without touching the machine interface.
4. Real-time raw material inventory monitoring: Track current levels of sugar (by colour), paper sticks, and water in real time via the app.
5. Remotely adjust device parameters: Tweak technical settings such as heating element timing, spinner rotation speeds, or arm movement paths remotely.
6. Automated inventory alert system: Triggers phone push notifications or SMS alerts when sugar, sticks, or water fall below a set threshold so you know exactly when to restock.



● Smart Cloud Management & Remote Telemetry



7. Multi-item cart functionality: Allows customers on-site to queue and purchase multiple cotton candy orders in a single transaction.
8. Digital promotions & coupon codes: Issue promotional discount codes, run time - limited sales, or schedule peak/off-peak pricing for events.
9. Automatic refund handling: If a mechanical fault occurs mid-vend (e.g., a dropped stick), the payment gateway automatically processes a card refund to the customer.
10. Automated humidity control: Adjusts internal boiler temperature and airflow based on ambient humidity to prevent sugar clogging or melting.
11. Automated burner/furnace self-cleaning: Runs high-temperature heat bursts and water flushes through the heating head automatically between vends or during off-peak hours to prevent sticky build-up.



● Health, Safety & UK Compliance

- CE Certified Hardware: Fully compliant with LVD (Low Voltage Directive) and EMC (Electromagnetic Compatibility) safety standards for commercial electrical equipment.
- UK Electrical Safety Ready: Built to meet UKCA and standard 230V commercial grid requirements with integrated circuit protection.
- Hygienic Sealed Environment: Food-contact components designed for strict health, safety, and hygiene compliance.
- Full Documentation On Request: Official testing certificates, PAT testing records, and Public Liability Insurance documents are available upon agreement.

The Certificate Cotton Candy Machine

Certificate - Сертификат - 證明書 - Certificat - 증명서 - شهادة

CERTIFICATE OF CONFORMITY



Certificate No.: ACIC2022082159QCR

Applicant : GUANGZHOU FUNSPACE TECHNOLOGY CO., LTD.
Address : B101 NO. 42-1 SHIXIN ROAD DONGHUA STREET,
 PANYU DISTRICT GUANGZHOU CITY CHINA
Manufacturer : GUANGZHOU FUNSPACE TECHNOLOGY CO., LTD.
Address : B101 NO. 42-1 SHIXIN ROAD DONGHUA STREET,
 PANYU DISTRICT GUANGZHOU CITY CHINA
Product : Amusement Machines
Trademark : MOVIE POWER
 Racing Game Machine, Shooting Game Machine, Gift Claw Game Machine, Sports Game Machine, Arcade Machine, Vending Machine, Outdoor Rides Driving Machine, Child Game Machine, Carnival booth game machine, Redemption game machine, FS-001, FS-002, FS-003, FS-004, FS-005, FS-006, FS-007, FS-008, FS-009, FS-010, FS-011, FS-012, FS-013, FS-014, FS-015, FS-016, FS-017, FS-018, FS-019, FS-020, FS-021, FS-022, FS-023, FS-024, FS-025, FS-026, FS-027, FS-028, FS-029, FS-030
Model(s) :

It is only valid in connection with the test report number: ACIC20220821058QMD Identification of regulation/standards:

EN 60335-2:2012+A11:2014+A13:2017+A2:2019

EN 60335-2-82:2003+A1:2008+A2:2020

The EUT described above has been tested by us with the listed standards and found in compliance with the council LVD Directive 2014/35/EU. It is possible to use CE marking to demonstrate the compliance with this LVD Directive



Authorized Signer: 

Date: Aug 30, 2022

This certificate of conformity is ACIC based on a single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole production and other relevant directives have to be observed.

Shenzhen A Commitment Inspection & Certificate Co., LTD
 No. 164-165, Pengda Road, Longgang Street, Longgang District, Shenzhen, China
 Web: www.acic-china.com Email: acic@acic-china.com

CE-LVD

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CERTIFICATE OF CONFORMITY



Certificate No.: ACIC20221124037CRT

Applicant : GUANGZHOU FUNSPACE TECHNOLOGY CO., LTD.
Address : B101 NO. 42-1 SHIXIN ROAD DONGHUA STREET,
 PANYU DISTRICT GUANGZHOU CITY CHINA
Manufacturer : GUANGZHOU FUNSPACE TECHNOLOGY CO., LTD.
Address : B101 NO. 42-1 SHIXIN ROAD DONGHUA STREET,
 PANYU DISTRICT GUANGZHOU CITY CHINA
Product : Amusement Machines
Trademark : MOVIE POWER
 Racing Game Machine, Shooting Game Machine, Gift Claw Game Machine, Sports Game Machine, Arcade Machine, Vending Machine, Outdoor Rides Driving Machine, Child Game Machine, Carnival booth game machine, Redemption game machine, FS-001, FS-002, FS-003, FS-004, FS-005, FS-006, FS-007, FS-008, FS-009, FS-010, FS-011, FS-012, FS-013, FS-014, FS-015, FS-016, FS-017, FS-018, FS-019, FS-020, FS-021, FS-022, FS-023, FS-024, FS-025, FS-026, FS-027, FS-028, FS-029, FS-030
Model(s) :

It is only valid in connection with the test report number: ACIC20221124036TCF Identification of regulation/standards:

EN 61000-6-1:2019,
 EN 61000-6-3:2007+A1:2011+AC:2012,
 EN IEC 61000-3-2:2019,
 EN 61000-3-3:2013/A1:2019

The EUT described above has been tested by us with the listed standards and found in compliance with the council EMC Directive 2014/30/EU. It is possible to use CE marking to demonstrate the compliance with this EMC Directive



Authorized Signer: 

Date: Nov 30, 2022

This certificate of conformity is ACIC based on a single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole production and other relevant directives have to be observed.

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CE-EMC