

Green Intelligent Manufacturing Paper Packaging Forming Solutions

STABILITY IS EVERYTHING

LINPACX is a global leader in a wide range of industries.

Product Introduction





ABOUT US

ZHEJIANG LINPACX CO., LTD. We focus on providing intelligent, efficient and environmentally responsible forming solutions for paper cups, paper bowls and paper containers to customers worldwide.



Independent R&D · Precision Manufacturing

LinpacX has capabilities in independent R&D, precision machining, process optimization, assembly manufacturing and intelligent control. We hold 33 invention patents, 76 utility model patents, 10 design patents and 11 software copyrights.

Complete Product & Project Capabilities

Our LPX-168S and LPX-228 paper cup machines are complemented by cup sleeve machines, paper bowl forming machines and packaging equipment. We provide integrated solutions from standalone equipment and auxiliary machines to complete production line planning and delivery. Product size, material and capacity are specified in the individual model data.

Quality Assurance · Full-Process Service

- > National High-tech Enterprise
- > National Intellectual Property Advantage Enterprise
- > Zhejiang Invisible Champion Enterprise
- > Zhejiang Provincial First-set Equipment Accreditation



National-level
Green Factory

10w+ m²

The factory covers
an area of

2600+ Units

Annual Output

3000+

Global Partners

ENGINEERED AROUND YOUR PRODUCTION NEEDS

From Paper Cup Machines to Complete-Line Solutions,
We Support Every Step from Concept to Commissioning.

COOPERATION PROCESS



Understand your production requirements 1



Manufacturing, progress updates and Factory Acceptance Test (FAT) 4



Providing one-stop complete-line solutions for a wide range of production industries. 2



Installation, commissioning and after-sales support 5



Validate the solution through comprehensive testing 3



PROVIDING ONE-STOP COMPLETE-LINE SOLUTIONS

FOR A WIDE RANGE OF PRODUCTION INDUSTRIES.



Production Data Management & Visualization



Modular Machine Configuration



Flexible Manufacturing Solutions



Paper Cup Machine - Auto Transfer Station -
Cup Sleeve Machine - Packer



Application:

Widely used in catering chains, cafes, tea shops, and daily household use.

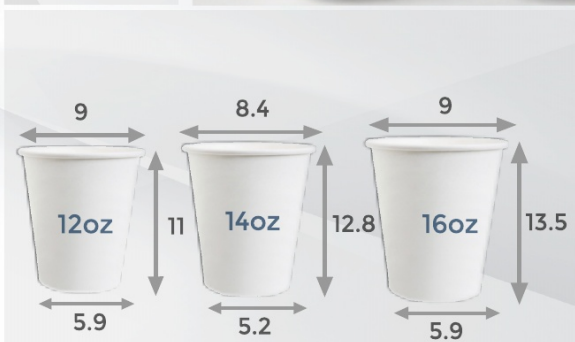
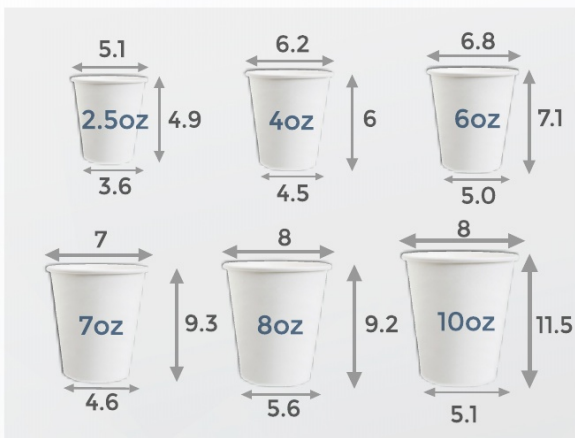
Core Quality:

Ensures 'Zero Leakage' through hot air bottom sealing and ultrasonic side welding technology.



LincupX paper cup:

machines use full-servo drive, delivering precise control over paper feeding, cup forming, bottom forming and rim curling.

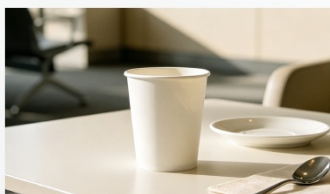


*Unit: mm

High-Speed PaperCup Machine

19 servo motors

LPX-228



Key Advantages

- New paper suction design, rotating paper suction, smoother operation
- Precise water spraying ensures neat cup rolling rims and prevents cup bursting.
- Large-capacity paper bin with climbing-type feeding path, large stack capacity, less frequent manual paper refilling & loading
- Full-servo driving system grants high-precision synchronous motion, stable high-speed production.
- Automatically transports waste base paper away, keeps the working area clean and tidy.
- Automatically identify and reject defective cups, guarantee qualified finished-cup output.
- Precise temperature control for reliable sealing, effectively prevent cup-body leakage.
- Safe interlock-protected door. Opens & closes automatically for easy maintenance access.
- Neatly collects finished cups automatically, simplifying post-processing collection work.
- Intuitive touch-screen operation. Real-time monitoring of machine status for easy parameter adjustment.
- Three-group hot-air preheating at front side, fully preheats paper for firm sealing and less wrinkles.
- Plasma surface treatment to enhance sealing performance and reduce water-leakage risk.
- Three rear hot-air units second-heat-reinforce cup bottom for better sealing, less leakage and stable finished cups.
- Three-times curling process, forms round & firm cup rim with comfortable hand-feel.
- Cup inspection function, detects missing or defective cups to improve finished-product yield.

Technical Specifications

Modle	LPX-228 nineteen servo motors drive paper cup machine
Weight	Machine: 4000kg counting table:70kg
Machine dimension	5280*1550*2050mm
countingtable specification	1120*1120*1970mm
Rated power	Three-phase 380v,48kw
Actual operating power	20KW
Compressed air	0.6-0.8MPa,0.5m ³ /min
Max Capacity	200-228pcs/min
Paper materials	Single PE/Double PE/PLA
Paper thickness	180-360gsm
Cup Range Size	4-16oz TOP:50mm-90mm Bottom:40mm-65mm High:40mm-135mm

High-Speed PaperCup Machine

LPX-168S



Key Advantages

- New paper suction design, rotating paper suction, smoother operation
- Precise water spraying ensures neat cup rolling rims and prevents cup bursting.
- Easier Material Feeding & Space-saving Design
- Full-servo driving system grants high-precision synchronous motion, stable high-speed production.
- Automatically transports waste base paper away, keeps the working area clean and tidy.
- Automatically identify and reject defective cups, guarantee qualified finished-cup output.
- Precise temperature control for reliable sealing, effectively prevent cup-body leakage.
- Safe interlock-protected door. Opens & closes automatically for easy maintenance access.
- Neatly collects finished cups automatically, simplifying post-processing collection work.
- Intuitive touch-screen operation. Real-time monitoring of machine status for easy parameter adjustment.

Technical Specifications

Modle	LPX-168 high speed intelligent paper cup machine
Weight	Machine: 3470kg counting table:70kg
Machine dimension	3680*1700*2000mm
countingtable specifcation	1120*1120*1970mm
Rated power	Three-phase 380v,38kw
Actual operating power	15KW
Compressed air	0.6-0.8MPa,0.5m ³ /min
Max Capacity	168pcs/min
Paper materials	Single PE/Double PE/PLA
Paper thickness	180-360gsm
Cup Range Size	4-16oz TOP:50mm-90mm Bottom:40mm-65mm
	High:40mm-135mm

Full Servo Paper Bowl Machine

LPX-150BW



Key Advantages

- New paper suction design, rotating paper suction, smoother operation
- Precise water spraying ensures neat cup rolling rims and prevents cup bursting.
- Easier Material Feeding & Space-saving Design
- Full-servo driving system grants high-precision synchronous motion, stable high-speed production.
- Automatically transports waste paper scraps away, keeps the working area clean and tidy.
- Automatically identify and reject defective bowls, guarantee qualified finished-bowl output.
- Precise temperature control for reliable sealing, effectively prevent cup-body leakage.
- Safe interlock-protected door. Opens & closes automatically for easy maintenance access.
- Neatly collects finished bowls automatically, simplifying post-processing collection work.
- Intuitive touch-screen operation. Real-time monitoring of machine status for easy parameter adjustment.

Product Overview

The LPX-150BW paper bowl forming machine is a reliable high-speed production solution for disposable food paper bowls..It can produce paper bowls of multiple capacities to serve diverse scenarios such as takeaway food, instant food and catering packaging.

Technical Specifications

Modle	LPX-150BW
Weight	4000kg
Machine dimension	2760*2160*1925mm
Power Supply	3phase 380V 50Hz, 38KW (running consumption is 15KW)
Air Supply	0.6Mpa (running consumption 0.5Nm3/min)
Max Capacity	150pcs/min
Paper materials	170-380GSM single or double PE / PLA coated paper 0.25-0.5mm thickness
Paper thickness	0.25mm-0.50mm
Cup Range Size	16-57oz

Full-Servo High-Speed Double-Wall Cup Sleeve Machine

LPX-168DW



Key Advantages

- Rotary paper suction. Reliable paper separation, reduce multi-sheet suction fault for stable paper feeding.
- Full-servo driving system grants high-precision synchronous motion, stable high-speed production.
- Servo rotary glue throwing. Uniform & stable glue application, firm bonding, no overflow or insufficient glue.
- Rotary cup dropping. Separates cups one-by-one, avoids jamming & overlapping, stable feeding.
- Neatly collects finished cups automatically, simplifying post-processing collection work.
- Intuitive touch-screen operation. Real-time monitoring of machine status for easy parameter adjustment.

Product Overview

Adopting full-servo drive for high-precision synchronous and stable high-speed production. Equipped with rotary paper suction, rotary sleeve dropping, servo rotary glue throwing and roller bottom pressing to avoid multi-sheet suction, jamming, glue defects and bottom leakage. It features touch-screen control and automatic finished-sleeve collection for easy adjustment.

Technical Specifications

Modle	LPX-168DW high speed Double Wall making machine
Weight	Machine: 3050kg counting table:70kg
Machine dimension	3680*1700*2000mm
countingtable specification	1120*1120*1970mm
Rated power	Three-phase 380v,20kw
Actual operating power	10KW
Compressed air	0.6-0.8MPa,0.5m3/min
Speed	hollow : 168pcs/min ripple:140pcs/min
Paper materials	pe-coated、Gery-bottomed、White-board、White card
Paper thickness	180-360gsm
Cup Range Size	4-16oz TOP:50mm-90mm Bottom:40mm-65mm
	High:40mm-135mm

Fully Automatic Intelligent Paper Box Rolling Machine

LPX-50



Key Advantages

- Servo-controlled full-automatic production line (feeding → forming → rolling → collecting) with an output of 22-30 pcs/min, significantly upgrading production capacity.
- Works perfectly with 200-350g/m² PE coated paper, greaseproof paper, silicone coated paper, etc.; customizable aluminum molds ensure quick and easy exchange.
- Equipped with accurate servo paper suction for precise operation; the intelligent product sorting & collecting table drastically reduces labor and sorting costs.
- Features 5KW low power consumption to reduce long-term operational energy costs; the 1.7T robust structure guarantees ultra-low vibration and excellent mechanical stability under high-speed operation.

Product Overview

LPX-50 Fully Automatic Intelligent Paper Box Rolling Machine Is a highly efficient and intelligent equipment for paper container processing. Utilizing an advanced servo control system, it automatically and continuously completes the entire production process from feeding, forming, and rolling to product collecting. Featuring wide compatibility with various paper materials, easy mold exchange, and an intelligent product sorting & collecting table. It is an ideal choice for high-efficiency, energy-saving, and labor-saving.

Technical Specifications

Machine Name	LPX-50 Fully automatic intelligent Paper box rolling machine
Box Size	400 x 300 mm (Different Size Mold Exchanged)
Paper Material	200-350 gsm (PE coated, greaseproof, silicone coated paper, etc.)
Production Speed	22 - 30 pcs/min
Total Power	5KW
Weight	1700 kg (1.7 Tons)
Overall Size	2200 x 1100 x 2100 mm
Gas Source Requirement	Air pressure 0.5 MPa requires an air compressor.
Working Volume	0.2-0.3 m ³ /min

Paper Cup Packing Machine

LPX-750



Key Advantages

- Significant packaging film cost savings over pre-made bags .
- Eliminates the risk of dust and fingerprint pollution ,which is common problem of manual work .
- The Packager is controlled by PLC and HMI . It is very quick and easy to operate when the size is changed.
- Film sealing: Reasonable mechanical structure and pneumatic execution make the packing bag incision smooth with high speed.
- Packing way: no edge trim
- Adopts Schneider servo motor to feed demand film automatically .
- The packager can be connected with 2 paper cup forming machines .
- It have color mark tracking function for packing printed packaging film
- You can choose one row cup or two rows cup in one bag by HMI.
- Hole punch device ---air release .
- The Guards are located all around the packager and are used for safety to keep you away from dangerous moving parts .

Technical Specifications

Model	LPX-750
Max.Packaging Speed	12bags/min
Max.Unwinding diameter	400 mm
Effective Packaging Diameter	A:60mm- Φ 95mm
Min.Packaging stacking height	240mm
Max.Packaging stakcing height	820mm-top*diameter*1.5 and not more than 690mm
Packaging Film Materials	HDPE.LDPE
Packaging Film Thickness	15um-40um
Electrical Req	3KW Three phase 380V
Air Req	0.6MPa



GLOBAL EXHIBITION

Seize Global Paper C
Showcase Cutting-Ed



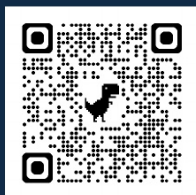


STABILITY IS EVERYTHING

professional support from machine selection and technical design to line planning, production commissioning, installation guidance, operator training, spare-parts support and after-sales service.



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The company is committed to becoming a trusted global provider of intelligent paper packaging equipment and sustainable forming solutions.