



2008 Benlong Venture/year
100+ Technical specialist / name
300+ Qualification certificate/pc
1200+ Our customers/home



+86 138 6889 9443 +86 150 5837 0007 +86 158 8877 0772
 www.benlongkj.com Tik tok: BenLong Automation
 zzl@benlongkj.cn WhastApp:+86 138 6889 9443



Website



+86 138 6889 9443

WhatsApp



+86 158 8877 0772

WhatsApp



+86 150 5837 0007

WhatsApp



+86 133 9695 8981

WhatsApp



+86 188 1503 0008

WhatsApp



+86 136 2654 3646

WhatsApp



+86 139 6878 2234

WhatsApp



One-stop total solution provider for the power industry

4.0 INDUSTRY



MCB.MCCB.RCBO.RCCB.RCD.ACB.VCB.
AC.SPD.SSR.ATS.EV.DC.GW.PACK.DB.EQUIPMENT



SOLUTION

AUTOMATION ONE-STOP SERVICE



POWER INDUSTRY



3C ELECTRONICS INDUSTRY



NEW ENERGY INDUSTRY



AEROSPACE INDUSTRY



COMMUNICATION INDUSTRY



MEDICAL AND PHARMACEUTICAL INDUSTRY



AUTOMOTIVE MOTOR VEHICLE INDUSTRY



HARDWARE CLOTHING INDUSTRY



STATIONERY TOY INDUSTRY



PRINTING CRAFTS INDUSTRY



LIGHTING FURNITURE INDUSTRY



DAILY CHEMICAL FOOD INDUSTRY

Customer demand survey and automated project process

Pre sales service	Customer company name		Customer company address	
	contacts		Phone/WhatsApp	
	product name		Capacity requirements production pace	
	Technical parameters and special requirements			
	Samples need to be provided	Complete set or finished product		2 or more
		Loose accessories		2 or more sets
In sales service	Design proposal production	Preliminary design plan (10-15 working days)	Overall design layout, project/unit/equipment partial rendering (PDF version/electronic seal)	
			The project/unit/equipment is similar to videos and 3D animations (video version+subtitles).	
			Textual description of technical agreements or design solutions (PDF version+electronic seal)	
			PPT introduction of technical agreements or design solutions (PDF version+electronic seal)	
			Inviting clients to have the first discussion on the design proposal; Compile design proposals to improve content and project change meeting minutes	
	Preliminary design plan (3-5 working days)	After the design proposal is improved and changed, invite the client to have a second discussion and finalization of the design proposal		
	commercial affairs	Price negotiation, contract signing, and confidentiality agreement signing.		
delivery date	Standardized projects/units/equipment take 30-45 working days, non-standard categories take 90-120 working days			
Customer Service Department	3D drawing review	Inviting clients to review design drawings; Compile minutes of design drawing review meetings; The customer needs to provide 10-1000 sets of trial products at this time.		
	Preparation before delivery	After the completion of project manufacturing, invite customers to the site of Benlong Automation Company for pre acceptance work before shipment, and sign a pre acceptance report.		
	send out goods	The project undergoes modular disassembly, packaging, labeling of documents, random files, etc. After the goods arrive at the customer's site, engineers carry out construction, installation, debugging, training, data handover, and trial operation at the customer's site.		
	Final acceptance	Within 7-15 working days after the completion of project installation and commissioning, invite customers to the equipment site for final acceptance work and sign the acceptance report.		
Customer Service Department	After receiving feedback from the customer, the customer service department immediately communicates with the customer's on-site operators via phone, video guidance, remote technical support, etc. in the most urgent manner.			
	If the customer service department cannot completely solve the problem through telephone communication, video guidance, and remote technical support, immediately dispatch the nearest after-sales personnel to the customer's site by high-speed rail/flight/special vehicle for resolution.			

PERFECT PRE-SALE AND AFTER-SALE SERVICE SYSTEM



TECHNICAL SERVICE AND SUPPORT

With the equipment connected to the network, Benlong Automation's professional engineers and technicians are always available to assist remotely with maintenance and cause finding.



TECHNICAL SERVICE AND SUPPORT

The engineers and technicians of both units can carry out technical support and communication by phone, WeChat, QQ, WhatsApp, etc. at any time.



TECHNICAL SERVICE AND SUPPORT

Before the equipment is shipped, the customer is invited to assign 3~5 technicians to Benlong Automation for 20~30 days of professional training in operation, maintenance and production line principles.



TECHNICAL SERVICE AND SUPPORT

Before the equipment is shipped, Benlong Automation provides a complete set of wearing parts in kind, drawings, models, brands and supplier contacts.



TECHNICAL SERVICE AND SUPPORT

When the equipment is delivered, Benlong Automation provides a set of videos and 3D animated schematics of the daily maintenance and wear parts replacement process.



TECHNICAL SERVICE AND SUPPORT

The official website of Benlong Automation uploads videos and information on the daily maintenance of the equipment and the replacement process of wearing parts.



TECHNICAL SERVICE AND SUPPORT

It is recommended that Ben long Automation transport 2-3 Chinese personnel to work in the customer's company, the basic requirements of the staff: familiar with the production process, familiar with product quality control, familiar with the principle of the equipment, familiar with the equipment operating skills, familiar with the daily maintenance of equipment, familiar with the replacement of equipment accessories and equipment maintenance.

ONE-STOP SHOP FOR THE POWER INDUSTRY

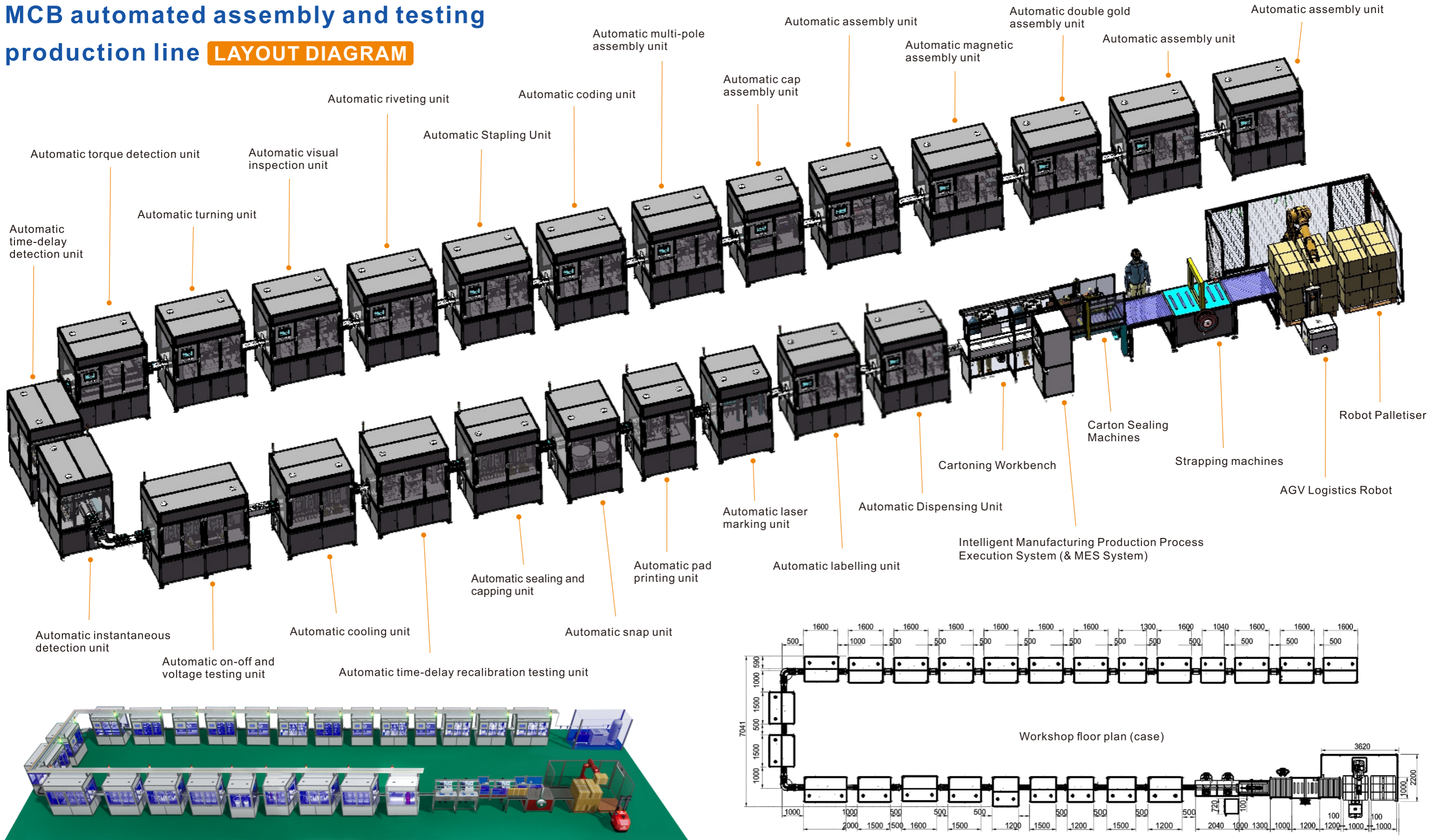


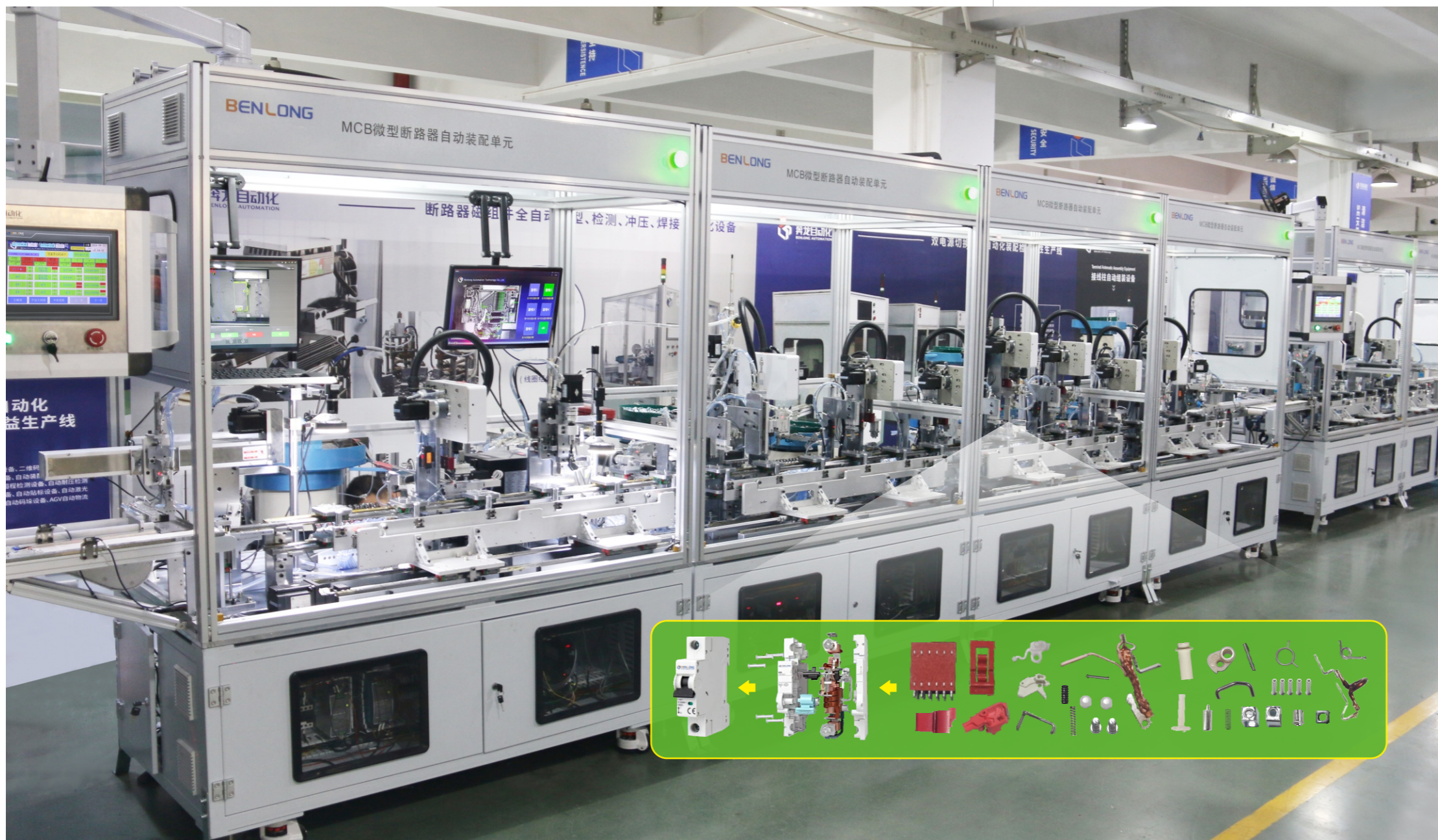
EQUIPMENT PACKAGING

The machine will be wrapped with shrink film, and then wrapped with air foam in multiple layers to avoid scars in the transportation of the machine. The outside is specially customized wooden case for reinforcement and packaging to meet the shipping requirements After receiving the goods, it is best to carefully inspect the overall appearance of the machine. Your feedback will be highly appreciated.



MCB automated assembly and testing production line LAYOUT DIAGRAM





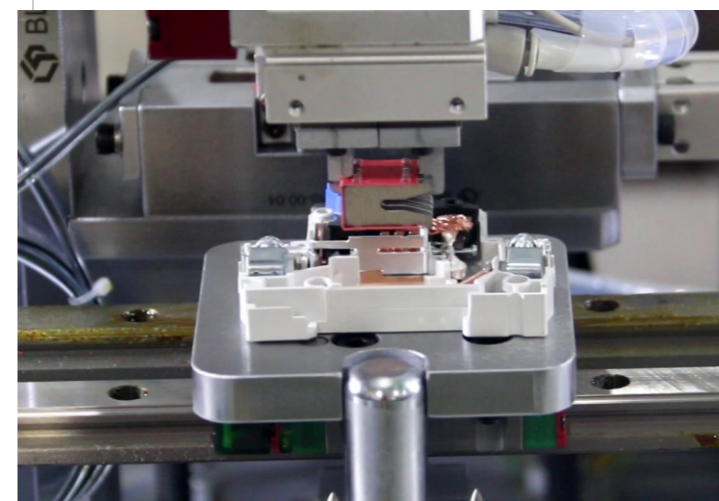
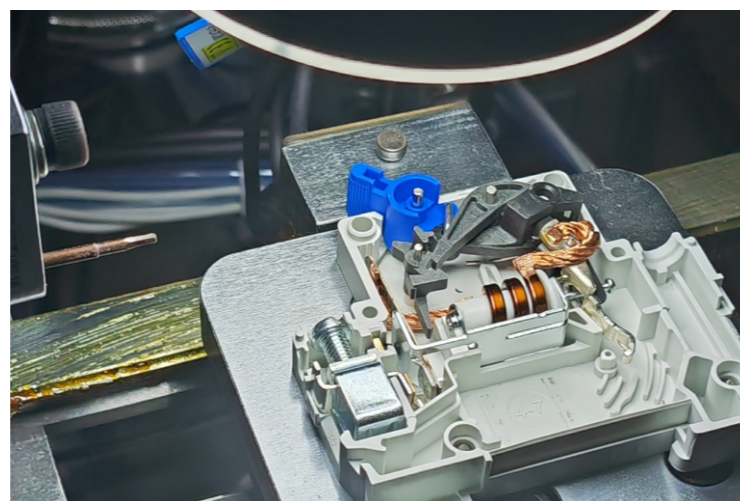
MCB

Automated Assembly Test Cell

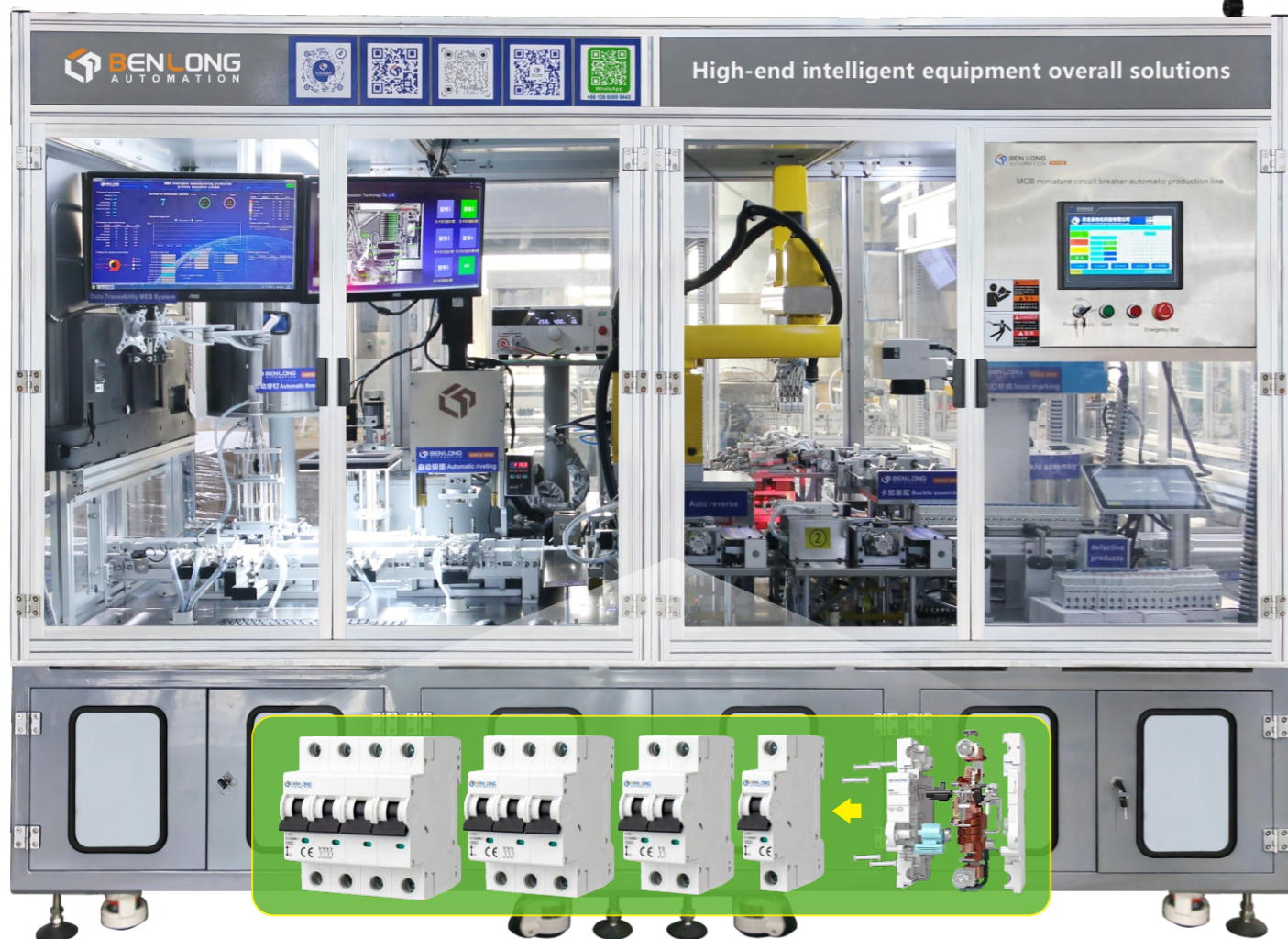
With automatic shell loading, open cover, automatic assembly of arc isolation piece, magnetic guide piece, 7 word piece, large spring, handle spring, adjusting screws, magnetic components, terminal components, core components, double gold components, locking, locking shaft, handle shaft, handle, jump buckle, jump buckle shaft, U-shaped parts, rolling pin, terminal, terminal screws, arc-inducing piece, extinguishing shroud, double gold automatic pre-adjustment, CCD visual inspection, discharging, lack of material alarms Online monitoring, real-time monitoring, quality traceability, barcode identification, life monitoring of key components, data storage, networking of MES system and ERP system, equipment layer information collection and data processing, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, intelligent equipment service big data cloud platform and other functions of the process such as automatic differentiation of defective products.

Technical Parameter

1. Input voltage: 380V ± 10%, 50Hz; ±1Hz ;
2. Compatible poles: 1P, 2P, 3P, 4P.
3. Production efficiency: 1.5 seconds per pole, 3 seconds per pole; Customizable.
4. There are two configurations for CCD visual inspection or fiber optic sensor inspection.
5. Vibration disc feeding; Noise level ≤ 80 decibels.
6. Fixtures can be customized according to product models.
7. Chinese and English versions of the operating system

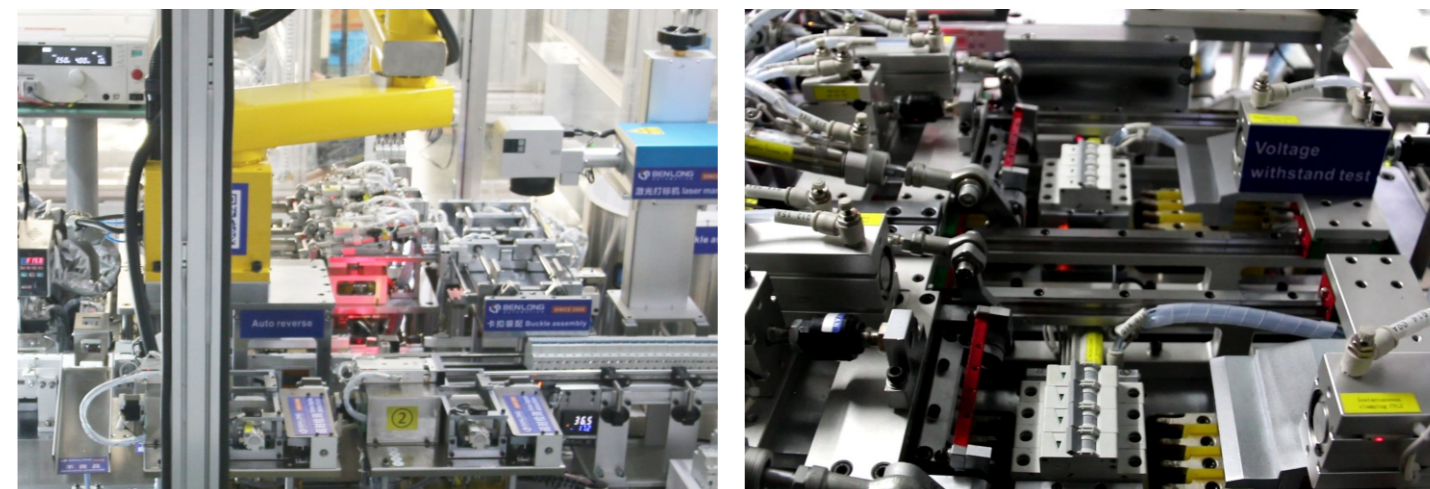


MCB automated production line all-in-one machine



EQUIPMENT FUNCTIONS AND FEATURES

Equipment land area is small, length 3 meters, width 1.5 meters, covers an area of only 4.5 square meters; mainly used for MCB products, automatic coding, laser marking, wear rivets (1P), riveting, visual inspection, flip, through the break, voltage, instantaneous or magnetic debut detection, short-circuit detection, time-delayed or overload detection, temperature coefficient adjustment, laser marking, loading card buckle, defective products automatically differentiated from the intelligent manufacturing production process execution system and data storage (cum MES system) and other functions, can be compatible with the production of 18mm module or 27mm module size MCB miniature circuit breaker 1P, 1P + N, 2P, 3P, 3P + N, 4P, 1A, 2A, 4A, 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A, special specifications, B-type, C-type, D-type, K-type, L-type, Z-type, AC L-type, Z-type, AC, DC products switching production, daily output: 3000~5000 poles/8 hours.



TECHNICAL PARAMETERS OF THE EQUIPMENT

- 1, equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz
- 2, compatible with the production: 18mm module or 27mm module size
- 3, equipment production beat / efficiency: ≤ 6 seconds / pole
- 4, the same shell frame products, different poles can be switched by one key or sweep code switching; switching between different shell frame products need to manually replace the mold or fixture
- 5, Assembly mode: manual assembly, automatic assembly can be optional.
- 6, Equipment fixture can be customized according to the product model.
- 7, Equipment with fault alarm, pressure monitoring and other alarm display function.
- 8, Chinese version and English version of the two operating systems
- 9, All core parts are imported from Italy, Sweden, Germany, Japan, the United States, Taiwan and other countries and regions.
- 10, the equipment can be equipped with optional "intelligent energy analysis and energy saving management system" and "intelligent equipment services, big data cloud platform" and other functions
- 11, Independent independent intellectual property rights

AUTOMATED PRODUCTION LINE CASE



MCB miniature circuit breaker automatic assembly and testing production line



MCCB molded case circuit breaker automatic assembly and testing production line



AC contactor automatic assembly and testing production line



ACB Frame Circuit Breaker Automated Assembly and Testing Production Line



DC charging pile automatic assembly and testing production line



SSR State Relay Automated Assembly and Testing Production Line

AUTOMATED PRODUCTION LINE CASE



VCB Vacuum Circuit Breaker Automated Assembly and Testing Production Line



Energy meter automatic assembly and testing production line



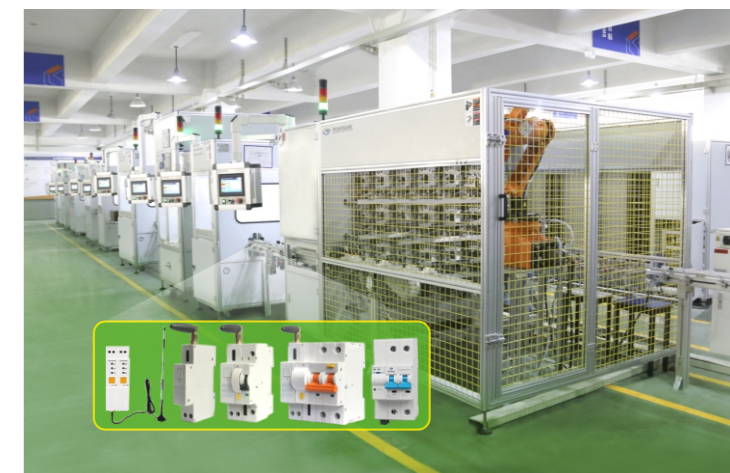
Photovoltaic DC disconnecting switch automatic assembly and testing production line



RCBO leakage protection circuit breaker automatic assembly and testing production line



Signal Light Automated Assembly and Testing Production Line



IOT Intelligent Circuit Breaker Automated Assembly and Testing Production Line

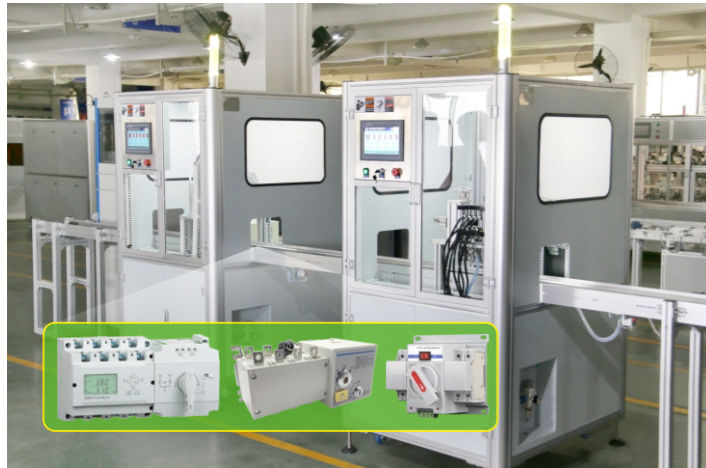
AUTOMATED PRODUCTION LINE CASE



Energy meter external low voltage circuit breaker automatic assembly and testing production line



MCCB molded case metering reclosing circuit breaker automatic assembly and testing production line



ATS double power automatic transfer switch automatic assembly and testing production line



SPD surge protector automatic assembly and testing production line



NT50 Circuit Breaker Automated Assembly and Testing Production Line



Rt18 Fuse Automatic Assembly and Testing Production Line

AUTOMATED PRODUCTION LINE CASE



Wall switch automatic assembly and testing production line



Automatic assembly and testing production line for time control switch



Measuring switch automatic assembly and testing production line



DC charging gun automatic equipment testing production line



DC Charging Pile Automatic Medium Voltage Welding Production Line



AC Charging Pile Automatic Assembly and Testing Production Line

AUTOMATED PRODUCTION LINE CASE



Automatic assembly and testing production line for vacuum circuit breaker of inflatable cabinet



Lithium battery module pack automatic assembly and testing production line



Photovoltaic reclosing DC circuit breaker automatic assembly and testing production line



Low-voltage Magnetic Switch Automated Assembly and Testing Production Line



Isolated Switch Automated Assembly and Testing Flexible Production Line



Intelligent control cabinet automatic assembly and testing production line

AUTOMATED PRODUCTION LINE CASE



MCB DC circuit breaker automatic assembly and testing production line



Motor protector automatic assembly and testing production line



Thermal relay automatic assembly and testing production line



Double-breakpoint Molded Case Circuit Breaker Automated Assembly and Testing Production Line



Intermediate relay automatic assembly and testing production line

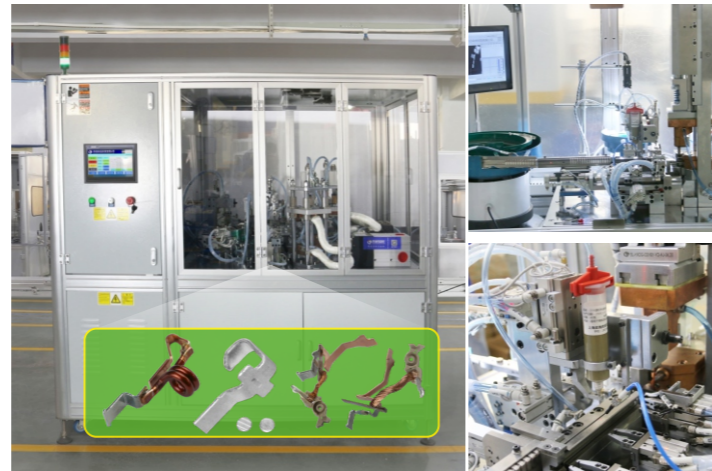


Push button switch automatic assembly and testing production line

SPECIALIZED EQUIPMENT CASES



Low-voltage electrical laboratory testing equipment



Welding equipment



Laser equipment



Robot equipment



Vision equipment

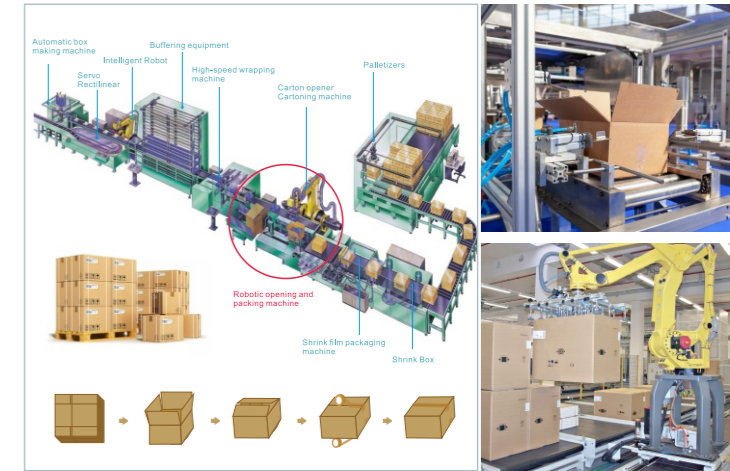


Conveying equipment

SPECIALIZED EQUIPMENT CASES



Silver point, static contact automatic welding equipment



Automatic packaging equipment



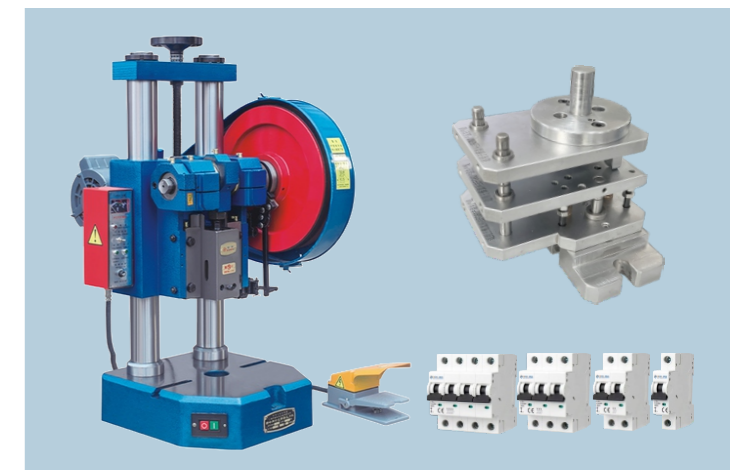
Intelligent Manufacturing Production Process Execution MES System



Manual pad printing (one color, two colors)



Fiber/Ultraviolet Laser Marking Equipment



Semi-automatic bench press

SPECIALISED EQUIPMENT



Automatic assembly equipment for disconnecting components



Silver point, static contact automatic welding equipment



Automatic Welding Equipment for Magnetic Assemblies



Automatic welding equipment for terminal block assembly



Automatic welding equipment for double gold, braided wire and moving contacts



Double gold component automatic welding equipment



Terminal block automatic assembly equipment



Automatic assembly equipment for adjustment screws



Automatic assembly equipment for iron core assembly

SPECIALISED EQUIPMENT



MCB Manual Instantaneous Testing Equipment



MCB manual time-delay testing equipment



MCB / MCCB standard long delay testing equipment



MCB high and low temperature testing equipment



MCB temperature rise, power consumption testing equipment



MCB semi-automatic time-delay testing equipment



MCB/MCCB Electrical Life Testing Equipment



MCB/MCCB Mechanical Life Testing Equipment



MCB automatic cooling equipment



MCB semi-automatic instantaneous testing equipment



MCCB manual transient detection equipment



MCCB manual delay detection equipment

OUR CLIENTS

BENLONG

Long-term co-operation with 1200+ enterprises show some customers/in no particular order

