



High Precision
Wear Resistance
Easy To Maintain

Plunger pump
Intelligent potting



Dear customers,

We are a professional company with core technology and providing system solutions for adhesive control equipment industry.

Our company was founded in 2003. In 2006, we launched the core patent "two-cylinder plunger pump" technology. The world's first plunger pump dispenser has been successfully developed, and Daheng plunger pump has become the heart of a new generation of fluid metering control system. New technology promotes the development of adhesive control equipment to the direction of high packing, high precision, high viscosity, high crystallization, high flow and production line.

In 2015, we launched the core patent "intelligent gluing" technology, and the world's first intelligent gluing machine came to market, creating intelligent gluing and realizing intelligent production. The global manufacturing industry is undergoing changes, and the personalized needs of customers, differences in technology, customized production, digital workshop has become a trend. "Intelligent gluing" technology can realize five modules of computing, communication, control, remote coordination and autonomy, promote the development of intelligent equipment and realize smart factory.

As the first enterprise in Guangdong province that has passed the quality inspection and product certification of gluing machine, we currently have more than 20 national patents, leading the industry in core technologies of glue potting, glue dispensing, glue mixing and glue coating. Provide manual, semi-automatic, automatic, non-standard customized four series of more than 20 types of machine; Widely used in LED, lighting, new energy, automotive, power supply, electronics, capacitors, transformers, ignition coils and other industries.

In addition to our Guangzhou headquarters, we have offices in Shenzhen, Tianjin, Shanghai, Jiangxi, Chongqing and other places. We have established sales and cooperation in more than 50 countries such as Germany, the United States, South Korea, Russia, Israel and India, and achieved rapid development and continued to surpass, becoming the industry leader in glue control equipment.

We believe that "success comes from details, innovation changes the future" and emphasize "passion, professionalism and efficiency". In the fluid metering core technology innovation, continuous improvement in services. Through the continuous establishment of global partners to achieve global product co-insurance, free software upgrade, monthly customer training, 24-hour customer support, and other ways, continue to provide in-depth one-stop service for glue control equipment. We goal is to create national brand and help customers' growth, committed to become a global leader in liquid control industry.

General Manager : Jimmy Zhang
Guangzhou Daheng Automation Co.,LTD





Catalogue

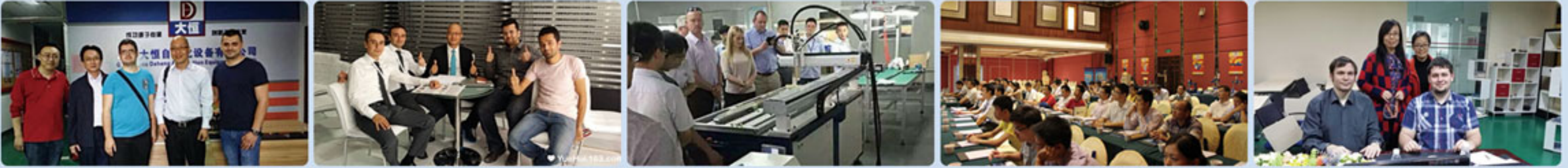
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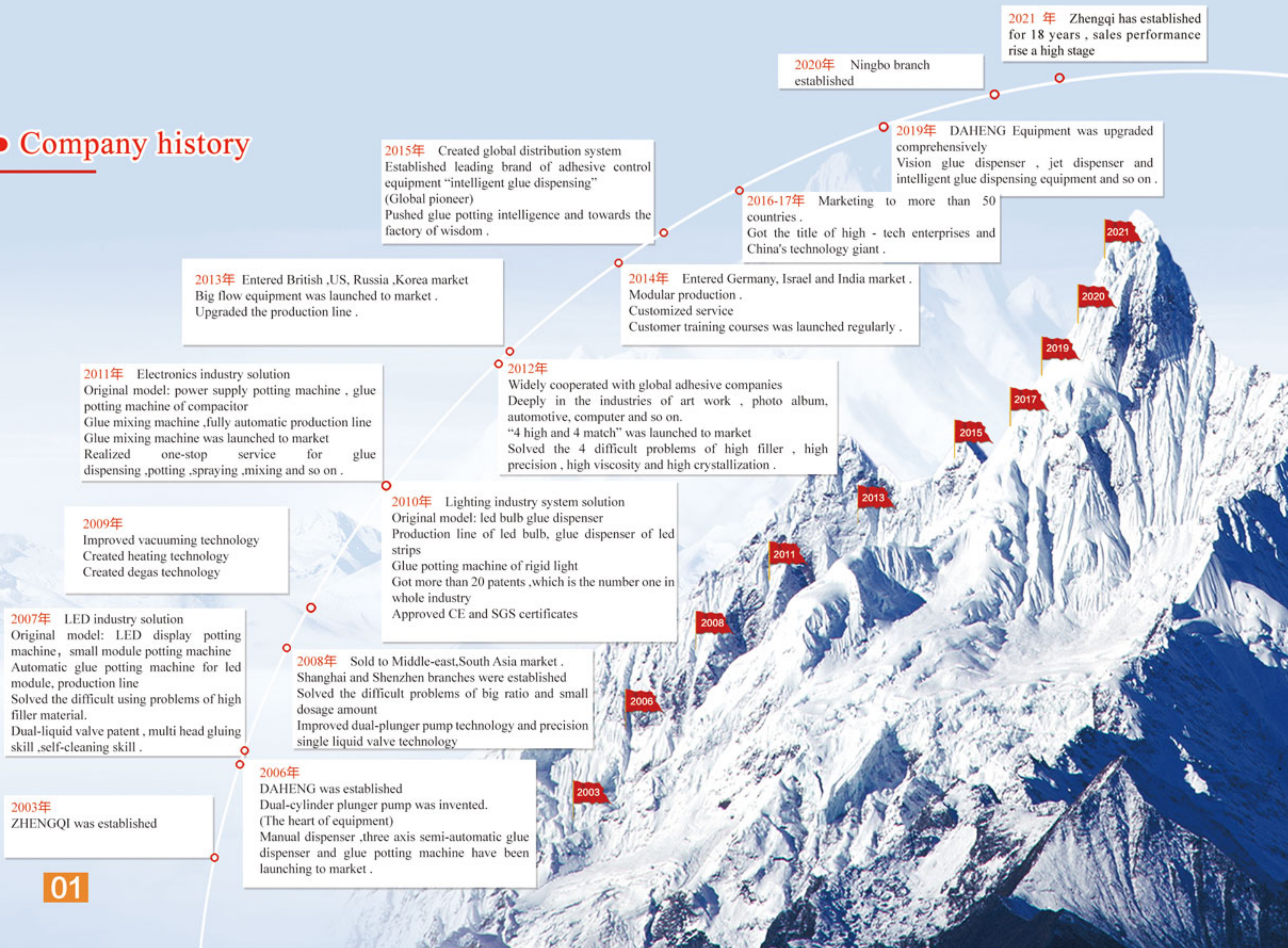
● Sales network



● Global cooperation/marketing activities

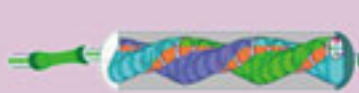


● Company history



The measuring and proportioning system is the heart of the fluid control equipment and it is also the bottleneck restricting the development of the glue control equipment industry. In 2006, Daheng equipment launched the core patented plunger pump technology, which realized the high precision, variable, uninterrupted and long life requirements that are difficult to achieve in fluid matching applications, and became the mainstream standard in the industry. The technology of Daheng plunger pump has changed the difficulty of traditional electronic scale weighing, manual stirring and manual cleaning. It also solves the problems of slow speed, low reliability and waste of resources.

● Comparison of Different Metering Pumps

Item Pump	Picture	Precision Instantaneous pours out precision Frequent start-stop precision	life span wear-resisting	Range	Application
Gear Pump		Leakage when pressure is big, Not suitable for large flowing, or frequent start and stop	The gear wear easily Unable to repair only replacement	Suitable for low viscosity, Packless fluid	Simple machines Constant flow ratio, Not suitable for color glue
Screw Pump		There are internal leakage Not suitable for small glue flow And frequent start-stop	The stator or liner Internal corrosion & wear easily, high precision Not easy to change	Suitable for the larger particles of solid-liquid mixed And the high viscosity fluid	Suitable for fluid transport Not suitable for high precision measurement
DH Duplex plunger pump Single cylinder reciprocating pump		suit for small glue flow & large amount glue flow and also can be start and stop frequently	Wear-resisting corrosion resistance	Suitable for high and low viscosity, large and small glue flow, High precision etc. Mixed fluid	widely

● The innovation of core technology is the real innovation

Success from details, innovation change the future. Precision AB valve plunger pump technology, intelligent glue potting, satisfy the high filler, high precision, high viscosity, high crystallization, large scale, and a large flow of glue sizing process requirement. This technology is pushing glue potting equipment in "four high, two big", "production line, and intelligent development.

Plunger pump



▲ features:

High precision, adjustable proportion, continuous glue, wear-resistant and corrosion resistant, long life, suitable for different fluids, wide application range

Double liquid valve

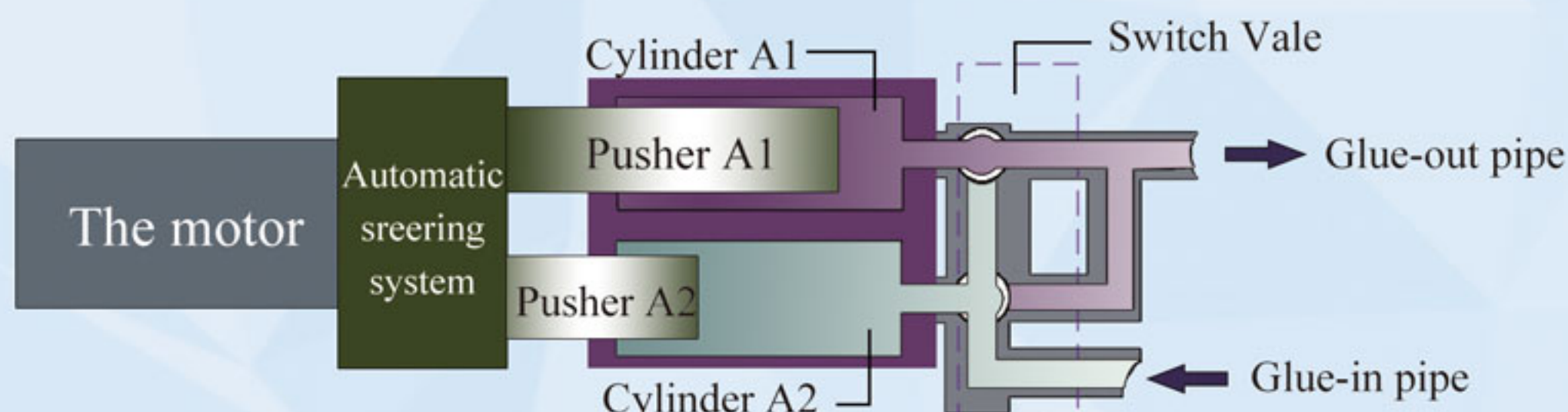


▲ features:

High precision, abrasion and corrosion resistance, multi-function, static and dynamic, easy to clean.

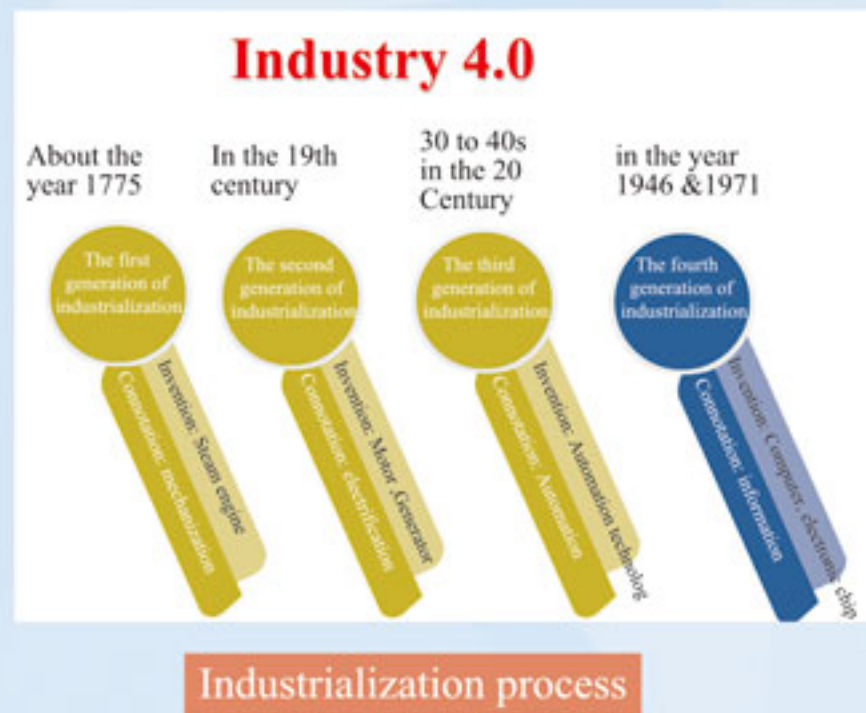
● Leading the industry's Daheng plunger pump technology

The use of fluids in all walks of life varies greatly, involving many technical and technological difficulties, such as: fluid types, chemical and physical properties, single component and multiple components, viscosity, curing conditions, fixtures, glue extraction, measurement, mixing, heating, vacuuming, cleaning, defoaming, etc. The metering fluid control technology of Daheng is at the leading level in the industry, which drives the rapid development of Daheng and constantly surpasses it to become the industry leader of glue control equipment.



Four development trends of future manufacturing industry are as follows: 1. Flexible manufacturing; 2. From "physics to information"; 3. From "individual" to "group"; 4. Interconnection manufacturing. To those goals, each country has launched its own manufacturing development strategy, trying to seize the opportunity in the new fourth industrial revolution to win a place. Daheng "intelligent glue" technology emerged under this trend.

● The integration of Industry 4.0 and industrialization & informatization



Industry 4.0 was first proposed by Germany, which is about industrial development strategic.

Germany academia and industry think the occurrence of the first three times industrial revolution, they are due to the mechanization, power and information technology respectively.

In the 18th century introduced machinery manufacturing equipment is defined as the industry of 1.0

The electrification in the early 20th century called industry 2.0

Began in the 1970s of the production process automation is defined as 3.0

The Internet Manufacturing Services ushered in the fourth industrial revolution that dominated by intelligent manufacturing, or a revolutionary production methods; that's "industry 4.0"

Germany: industrial 4.0 strategy is to point to by make full use of information & communication technology and information physical systems (CPS), promote manufacturing to intelligent transformation.

● D&H intelligent glue control Global initiative Technology-Function implementation

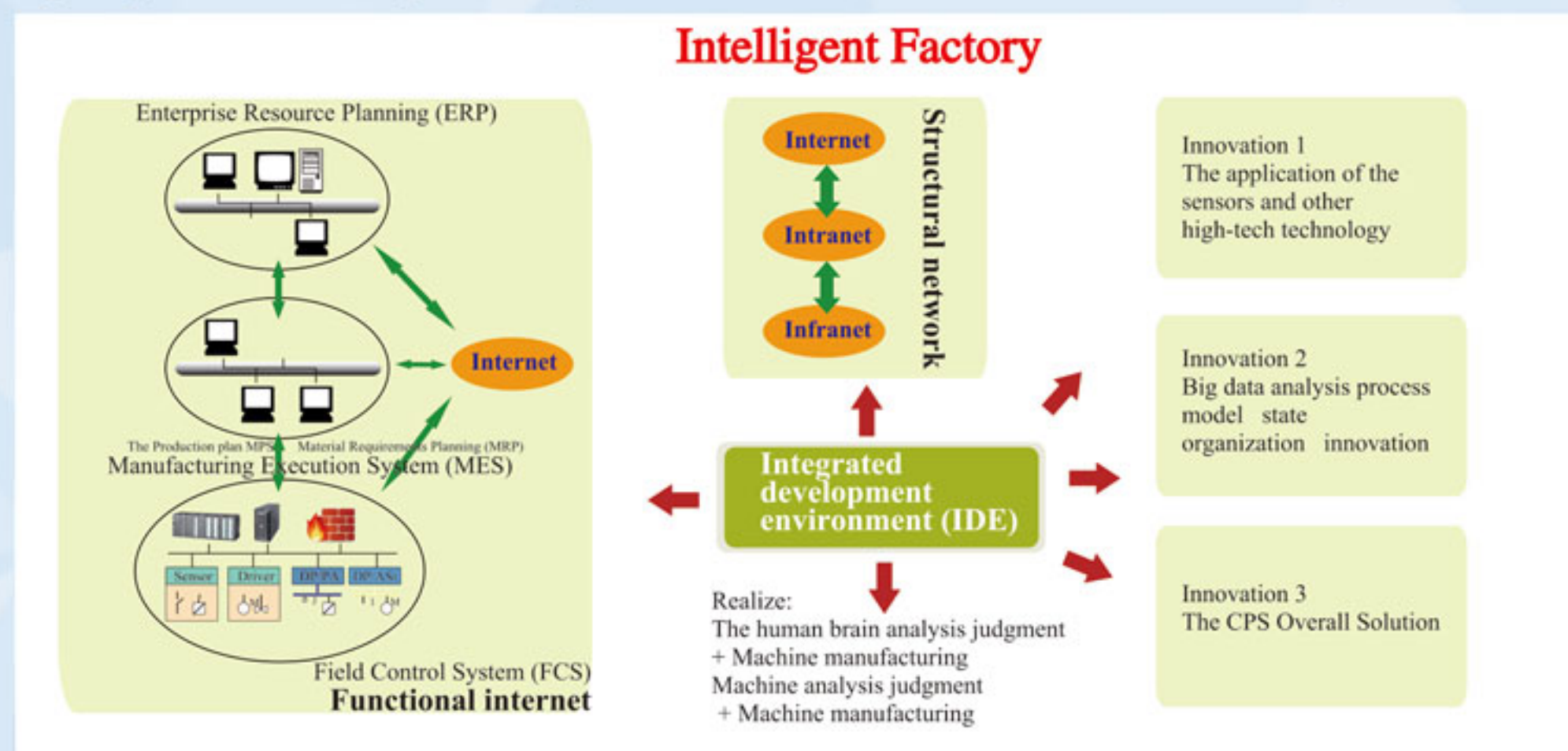
The introduction of the core patent "intelligent gluing" technology is the new scientific and technological achievements of Daheng equipment integration, such as new sensor, artificial intelligence, embedded industrial computer, vision system, mobile Internet, big data processing and so on. Those achievements realize the five major functional modules of computing, communication, control, remote coordination and autonomy to promote customers to personalized needs, process differences, customized production, digital workshop, so as to achieve intelligent glue potting process.

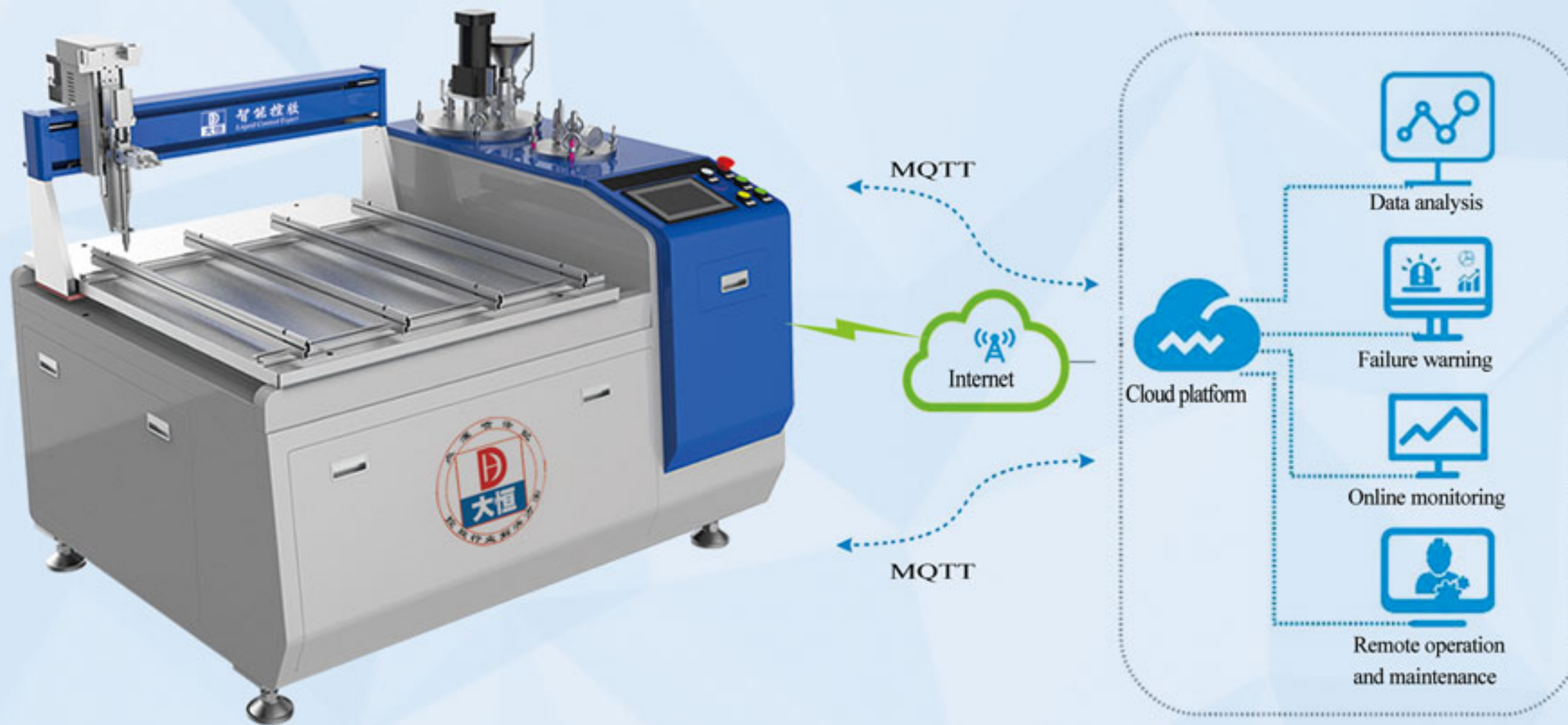
The workshop of smart factory is based on wireless, RFID, sensor and service framework.



● D&H intelligent glue control Global initiative Technology-Function implementation

The core patent "Intelligent Glue" Technology, which is through the physical information system (CPS), The intelligent glue equipment with other intelligent devices, between people, between the program and program, between services and services closely interconnected; Horizontal, vertical, highly integrated between end to end. Through the intelligent equipment reforming the process flow, production mode, product structure, realize the resources, information, equipment and people together, from intelligent glue forward to personality, custom made, the flexible wisdom factory.





Intelligent glue potting machine PGB-730

Characteristic: intelligent calculate , remote operation and maintenance , flexible scheduling

Technical Data

Model	PGB-730
Dimension	1650*1250*1700mm
Working Range	700*700*100mm
Ratio	100:100-100:10 optional
Process	Dot, line, arc, circle
Speed	500mm/s (displacement speed) 1-12ml/s (out-glue speed of single pump)
Precision	+/-0.03mm (Repeatability) ; +/-2% (potting) +/-2% (mixing)
program	99pcs
input air pressure	0.5MPa-0.7MPa
Viscosity	1cps-30000cps (some glue can be heated to decrease viscosity)
operation mode	manual/automatic
Ratio control	PLC/Double cylinder plunger pump/gear pump/screw pump optional
Flow control	Digital input
Program	teaching program
automatic controlling system	PLC/Double cylinder plunger pump/gear pump/screw pump optional
automatic controlling system	AB glue suction valve , realize AB glue flow independently .
mixing method	Dynamic/Static optional , instant mixing , easy to clean .
tank	Stainless steel tank (40L) (25L) (10L) optional
Power supply	220V 50-60Hz/1200W (excluding heater)

Production line type



Single type



High precision glue potting machine PGB-810

Characteristics: •High repeatability precision •Fast displacement speed

Technical Data

Model	PGB-810
Outline dimension	1550*1350*1700mm
Working Range	800*700*100mm
XY driving mode	servo motor+ Ball wire rod
Process	Dot, line, arc, circle
Speed	500mm/s (displacement speed) 1-12ml/s (out-glue speed of single pump)
Precision	+/-0.03mm (Repeatability) ; +/-2% (potting) +/-2% (mixing)
program	99个/无限
input air pressure	0.5MPa-0.7MPa
Viscosity	1cps-30000cps (some glue can be heated to decrease viscosity)
operation mode	manual/automatic
Ratio control	PLC/Double cylinder plunger pump/gear pump / screw pump optional
Flow control	Digital input
Program	teaching program
Automation control system	PLC/ Touch screen (programming, modification and storage.)
out-glue controlling system	AB glue suction valve , realize AB glue flow independently .
mixing method	Dynamic/Static optional , instant mixing , easy to clean .
tank	Stainless steel tank (40L) (25L) (10L) optional
Power supply	220V 50-60Hz/1200W (excluding heater)



PGB-700

Characteristic:

- Strong versatility
- Multiple configuration
- High production capacity
- High precision

PGB-200

Characteristic:

- small size
- high speed
- High precision
- Simple and easy to operate



PGB-1200

Characteristic:

- Big working area and suitable for many products
- High speed
- High precision
- Easy operation and easy maintenance

Technical Data

Model	PGB-200	PGB-700	PGB-1200
Dimension	1000*850*1600mm	1500*1100*1600mm	1960*1550*1600mm
XYZ working area	480*480*100mm	700*700*100mm	1200*1200*100mm
AB ratio	100:100-100:10 adjustable		
Movement Track	Dot/Line/Arc/Circle		
Speed	500mm/s (Movement speed) 1-12g/s (gluing out speed)		
Accuracy	±0.03mm (Repeatability) ±2% (potting) ±2% (mixing)		
Program	99pcs/more		
Input pressure	0.5MPa-0.7MPa		
Viscosity	50cps-30000cps (Glue can be heated to decrease viscosity)		
Operation Method	Manual/Automatic		
Meter Pump	Gear pump/Screw pump/Double cylinder plunger pump		
Flow Control	Digital Input		
Programming method	teaching programming		
Automated control system	PLC / touch screen (programming, modification, storage, etc.)		
Glue control system	AB glue suction valve to achieve independent operation of AB glue		
Mixed mode	dynamic and static optional, instant mixing, easy to clean		
Tank	stainless steel(40L)、(25L)、(10L) optional		
Power supply	220V/50Hz/1200W (The power consumption without heater)		



PGB-650D

Characteristics:

- Two sets of independent glue supply system
- Production line design are compatible with vary production lines
- More higher glue supply efficiency
- More bigger glue output amount

Technical Data

Model	PGB-650D
Dimension	2850*1600*1700mm
XYZ working area	650*550*100mm
AB ratio	100:100-100:10 adjustable
Movement Track	Dot/Line/Arc/Circle
Speed	500mm/s (Movement speed) 1-12g/s (gluing out speed)
Accuracy	±0.1mm (Repeatability) ±2% (potting) ±2% (mixing)
Program	99pcs/more
Input pressure	0.5MPa-0.7MPa
Viscosity	50cps-30000cps (Glue can be heated to decrease viscosity)
Operation Method	Manual/Automatic
Meter Pump	Gear pump/Screw pump/Double cylinder plunger pump
Flow Control	Digital Input
Programming method	teaching programming
Automated control system	PLC / touch screen (programming, modification, storage, etc.)
Glue control system	AB glue suction valve to achieve independent operation of AB glue
Mixed mode	dynamic and static optional, instant mixing, easy to clean
Tank	stainless steel(60L)、(50L)、(40L)、(25L)、(10L) optional
Power supply	220V/50Hz/1200W (The power consumption without heater)



PGB-650X

Characteristics:

- Double AB tank , to achieve non-stop switching
- Design for Production line , compatible with customers
- existing product line
- Modular design, easy to maintain

Technical Data

Model	PGB-650X
Dimension	2850*1600*1700mm
XYZ working area	650*550*100mm
AB ratio	100:100-100:10 adjustable
Movement Track	Dot/Line/Arc/Circle
Speed	500mm/s (Movement speed) 1-12g/s (gluing out speed)
Accuracy	±0.1mm (Repeatability) ±2% (potting) ±2% (mixing)
Program	99pcs/more
Input pressure	0.5MPa-0.7MPa
Viscosity	50cps-30000cps (Glue can be heated to decrease viscosity)
Operation Method	Manual/Automatic
Meter Pump	Gear pump/Screw pump/Double cylinder plunger pump
Flow Control	Digital Input
Programming method	teaching programming
Automated control system	PLC / touch screen (programming, modification, storage, etc.)
Glue control system	AB glue suction valve to achieve independent operation of AB glue
Mixed mode	dynamic and static optional, instant mixing, easy to clean
Tank	stainless steel(60L)、(50L)、(40L)、(25L)、(10L) optional
Power supply	220V/50Hz/1200W (The power consumption without heater)



Vision system gluepotting machine
PGV-501

Characteristics:

- High precision CCD vision capture positioning
- A visual system specially designed for glue potting
- Accuracy positioning , stable glue supply
- modules design and easy to maintain

Technical Data

Model	PGV-501
Outline dimension	1900*1650*2100mm (including PC outer dimension)
Working Range	X*Y*Z 600 x600x100mm 【 Vision working range: 400(X) 600 (Y) 】
Vision system	D&H software
Process	Dot, line, arc, circle
Speed	500mm/s (displacement speed) 1-12ml/s (out-glue speed of single pump)
Precision	+/-0.03mm (Repeatability) ; +/-2% (potting) +/-2% (mixing)
Running method	Running method: Servo motor (Japan) , wire rod+ slider (Taiwan Brand)
Production line function	can be matched with production line (as per customer's product process)
Self-discharging function	Automatic original point / Fixed point self-discharging.
Safety	Front optional : door, safety grating
Ratio control	PLC/Double cylinder plunger pump/gear pump / screw pump optional
Input air pressure	0.5MPa—0.7MPa
Glue viscosity	50cps—paste
Automation control system	PLC/ Touch screen (programming, modification and storage)
out-glue controlling system	AB glue suction valve , realize AB glue flow independently .
mixing method	Dynamic/Static optional , instant mixing , easy to clean .
tank	Stainless steel tank (40L) (25L) (10L) optional
size	Height850-950mm (can be customized) width : Max 550mm (vision: 400mm)(can be customized)
positioning	Clamping and positioning
Power supply	220V 50-60Hz/1500W (excluding heater)



PGV-502

Characteristic:

- Intelligent identification of multiple products
- Automatically generate gluing path
- Double CCD view
- Double stations, automatic circulation and continuous gluing
- Modular design for easy maintenance

Technical Data

Model	PGV-502
XYZ working area	550*500*100mm(double movetrack)
Speed	1000mm/s (Movement speed)
CCD resolution	0.05mm
Accuracy	±0.01mm ±2% (potting) ±2% (mixing)
Accuracy	In the distance 300mm ±0.02mm (Repeatability)
Drive mode	TBI Grinding screw ,Silver KK module,Panasonic servo.
Movement Track	Dot/Line/Arc/Circle any other shape
Input pressure	0.5MPa-0.7MPa
Programming interface	Win7
Targeting method	Double CCD visual
Visual system	software of visual fixing
Glue out speed	1-12 g/s
Meter control system	PLC/Gear pump/Screw pump/Double cylinder plunger pump
Ratio	100:100 to 100:10
Viscosity	50cps-30000cps (Glue can be heated to decrease viscosity)
Glue control system	AB glue suction valve to achieve independent operation of AB glue
Mixed mode	dynamic and static optional, instant mixing, easy to clean
Tank	stainless steel(40L)、(25L)、(10L) optional
Power supply	220V/50Hz/30000W (Power consumption without heater)
Optional function	dispensing system
Weight	1300KG
Dimension	1880*1750*2050mm



Rotating type glue
potting machine
PRG-3000

Characteristic:

- Rotating type glue potting machine
- Chip special glue potting machine
- Big working range design , easy to operate

Technical Data

Model	PRG-3000
Outline dimension	1200x1600x1600mm
Working Range	1000* (150 degree) *no Z axis
Program memory	99个
input air pressure	0.4MPa—0.8MPa
Viscosity	50cps~20000cps
Operation	Manual/Automatic
Ratio	PLC/double cylinder plunger pump
Flow control	Digital Input
Program	teaching program
mixing method	Dynamic/Static optional , instant mixing , easy to clean
Speed	0-300mm/s (displacement speed) 1-10g/s (out-glue speed)
Precision	+/-1mm (Displacement error) ; +/-2% (glue potting error) +/-1% (mixing error)
Running path	dot ,line ,arc
automatic controlling system	Industrial touch screen. (Realize the programming, modification and storage)
Glue release control system	AB glue suction valve , realize AB glue flow independently .
tank	Stainless steel tank (40L) (25L) (10L) optional
Power supply	220V 50-60Hz/1500W (excluding heater)



**Standalone vacuum potting machine
VGB-600**

Characteristic:

- Oversized vacuum box
- Suitable for large, heavy duty products
- Vacuum pressure adjustable



**Vacuum potting machine
with production line
VGB-450Q**

Characteristic:

- online potting under vacuum environment.
- Customizable to any itinerary
- Production line design, easy to expand

Technical Data

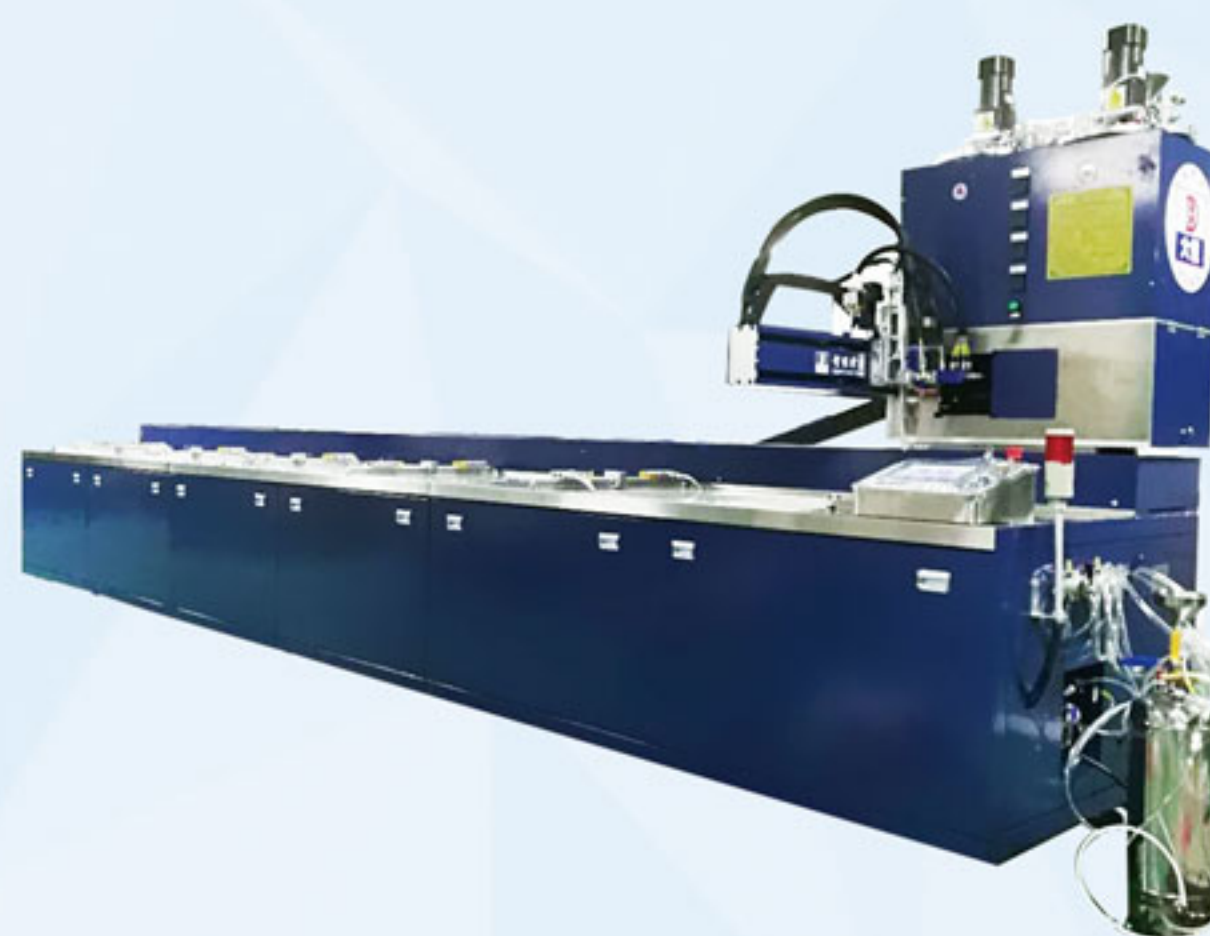
Model	VGB-600	VGB-450Q
Dimension	2050*1250 *2500mm	3200*800 *1700mm
AB ratio	100:100-100:10 adjustable	
Movement Track	Dot/Line/Arc/Circle	
Speed	300mm/s (Movement speed) 1-12ml/s (gluing out speed)	
Accuracy	±0.01mm (Repeatability) ±2% (potting) ±2% (mixing)	
Program	99/∞	
Input pressure	0.5MPa-0.7MPa	
Viscosity	50cps-20000cps (Glue can be heated to decrease viscosity)	
Operation	Manual/Automatic/ tooling plate come in and out automatically	Manual/Automatic/ Automatic conveyor line
Meter Pump	Gear pump/Screw pump/Double cylinder plunger pump	
Flow Control	Digital Input	
Programming method	teaching programming	
Automated control system	PLC / touch screen (programming, modification, storage, etc.)	
Glue control system	AB glue valve +Vacuum breaker Valve	
Mixed mode	dynamic static optional, instant mixing, easy to clean	
Tank	stainless steel(60L)(50L)(40L)、(25L)、 (10L) optional	
Power supply	220V/50Hz/1200W (The power consumption without heater)	
Vacuum degree	1mbar	



PGB-1500

Characteristic:

- Working length 5100mm
- Multiple configuration, suitable for a variety of products
- Large working area , easy operation



PGB-5100

Characteristic:

- Working length 5100mm
- Multiple configuration, suitable for a variety of products
- Large working area , easy operation

Technical Data

Model	PGB-1500	PGB-5100
Dimension	1900*1400*1500mm	5900*1150*2000mm
XYZ working area	480*1500*100mm	5100*400*100mm
AB ratio	100:100-100:10 adjustable	
Movement Track	Dot/Line/Arc/Circle	
Speed	500mm/s (Movement speed) 1-12g/s (gluing out speed)	
Accuracy	±0.1mm (Repeatability) ±2% (potting) ±2% (mixing)	
Program	99pcs/more	
Input pressure	0.5MPa-0.7MPa	
Viscosity	50cps-30000cps (Glue can be heated to decrease viscosity)	
Operation Method	Manual/Automatic	
Meter Pump	Gear pump/Screw pump/Double cylinder plunger pump	
Flow Control	Digital Input	
Programming method	teaching programming	
Automated control system	PLC / touch screen (programming, modification, storage, etc.)	
Glue control system	AB glue suction valve to achieve independent operation of AB glue	
Mixed mode	dynamic and static optional, instant mixing, easy to clean	
Tank	stainless steel(25L)、 (10L) optional	
Power supply	220V/50Hz/1200W (The power consumption without heater)	



PGB-1560

Characteristic:

- Working length 5100mm
- Multiple configuration, suitable for a variety of products
- Large working area , easy operation

Technical Data

Model	PGV-1560
AB ratio	100:100-100:10 adjustable
XYZ working area	600*1500*100mm
Displacement velocity	X\Y:300mm/s Z:100mm/s
Dispensing speed	0.4 - 5g/s
Accuracy	±2%
Displacement error	±0.2mm
Flow Control	Digital Input
Program	99pcs/more
Movement Track	Dot/Line/Arc/Circle
Automated control system	touch screen (programming, modification, storage, etc.)
Power supply	220V/50Hz/1500W
Input pressure	0.5-0.8Mpa
Dimension	2050mm(L) x 1500mm(W) x 1600mm(H)



PGB-600S

Characteristic:

- Computer control , Strong extensibility
- Support CAD import
- Single or double line optional
- Production line integration



PGB-700S

Characteristic:

- Computer control , Strong extensibility
- Support CAD import
- High productivity , high accuracy
- Intelligent windows 7,10 operation system

Technical Data

Model	PGB-600S
Mixing ratio	10:1—10:1.2 adjustable
Working area	X*Y*Z=550*550*100mm
Equipment composition	Use double-track double-head four sets of high intelligent plunger Pumps to work independently
PBC board processing capacity	minimum 150*150mm maxium : 500x500mm
Pumping system	The servo power system is adopted to realize the closed-loop feedback and abnormal automatic alarm
Processing technic	Dot/Line/Arc/Circle
Runing method	servo motor , lead screw+slide block
Speed	500mm/s (displacement speed) 1-12ml/s (glue-out speed of single pump)
Precision	±0.03mm (Repeat positioning accuracy) ±2% (potting) ± (mixing)
R axis function	90°Rotation for resin supplement function
Automatic Calibration function (optional)	Automatic calibration
Visual system(optional)	Daheng developed potting system
Automated control system	Industrial computer/ PLC / touch screen (programming, modification, storage, etc.)
Glue-out control system	AB valve suck-back function to realize running independently
Mixed mode	dynamic and static optional, instant mixing, easy to clean
Tank storage system	stainless steel tank 60L , 50L ,40L ,25L ,10L optional
Glue-out control system	AB valve suck-back function to realize running independently
Power supply	220V/50Hz/1500Wa
Linear height	default 850-1000mm customized as per customer's requiremanta
Linear width	150-500mm (automatic adjustable)
Track adjustment	automatic adjustable , one side fixed , the other side track is adjusted by orbit screw . Back to zero point automatically , Limit width is 500mm ; Track length :2000mm track transmission by belt/chains . The Y-axis gantry is more than 100mm away from the guide rail convey-or belt.

Model	PGB-700S
Dimension	1500*1100*1600mm
Working Area	700*700*100mm
Mixing ratio	100:100-100:10 adjustable
Processing technic	Dot/Line/Arc/Circle
Speed	300mm/s(Movement speed) 1-12ml/s(gluing ou speed)
Accuracy	±0.1mm (repeatability) ±2%(potting) ±2%(mixing)
Program	99pcs/more
Input pressure	0.5MPa-0.7MPa
Viscosity	50cps-30000cps (Glue can be heated to decrease viscosity)
Operation Method	Manual/Automatic
Meter Pump	Gear pump/Screw pump/Double cylinder plunger pump
Flow Control	Digital Input
Programming method	Teaching programming
Automated control system	Industrial computer/ PLC / touch screen (programming, modification, storage, etc.)
Glue control system	AB glue suction valve to achieve independent operation of AB glue
Mixed mode	dynamic and static optional, instant mixing, easy to clean
Tank	stainless steel(40L)/(25L)/10L optional
Power supply	220V/50Hz/1200W (The power consumption without heater)



QGB-400

Characteristic:

- Integrated production line design
- Accurate positioning, gluing stability
- Double layer production line, double tray for production line.



PGB-650B

Characteristic:

- Production line design, compatible with customers' existing production lines
- Accurate positioning, gluing stability
- Modular design, easy to maintain

Technical Data

Model	QGB-400
AB ratio	100:100-100:10 adjustable
Movement Track	Dot/Line/Arc/Circle
Speed	800mm/s (Movement speed) 1-12g/s (gluing out speed)
Accuracy	±0.03mm (Repeatability) ±2% (potting) ±2% (mixing)
Program	99/∞
Input pressure	0.5MPa-0.7MPa
Viscosity	50cps-30000cps (a variety of products)
Operation	Manual/Automatic/ Automatic
Meter Pump	Gear pump/Screw pump/Double cylinder plunger pump
Flow Control	Digital Input
Programming method	teaching programming
Automated control system	PLC / touch screen (programming, modification, storage, etc.)
Glue control system	AB glue suction valve to achieve independent operation of AB glue
Mixed mode	dynamic and static optional, instant mixing, easy to clean
Tank	stainless steel(40L)、(25L)、(10L) optional
Power supply	220V/50Hz/3000W (The power without heater)
Dimension	1800*1600*2000mm
Production line size	905+60mm: 350mm customized is accept
Load for production line	30KG/customized is accept
Blocking cylinder arrangement	3pcs

Model	PGB-650B
AB ratio	100:100-100:10 adjustable
Movement Track	Dot/Line/Arc/Circle
Speed	300mm/s (Movement speed) 1-12ml/s (gluing out speed)
Accuracy	±0.01mm (Repeatability) ±2% (potting) ±2% (mixing)
Program	99
Input pressure	0.5MPa-0.7MPa
Viscosity	50cps-30000cps (Viscosity can be down via heating glue)
Operation	Manual/Automatic
Meter Pump	Gear pump/Screw pump/Double cylinder plunger pump
Flow Control	Digital Input
Programming method	teaching programming
Automated control system	PLC / touch screen (programming, modification, storage, etc.)
Glue control system	AB glue suction valve to achieve independent operation of AB glue
Mixed mode	dynamic static optional, instant mixing, easy to clean
Tank	stainless steel(60L)、(50L)、(40L)、(25L)、(10L) optional
Power supply	220V/50Hz/1200W (Power consumption without heater)
Dimension	2100*1300*1700mm



Economy glue potting machine
PJL-1000

Characteristics:

- Small size and easy to install
- Easy to operate, easy to learn
- Multiple configuration, suitable for a variety of products

Glue mixing machine
PJL-1500

Characteristics:

- Stainless steel table
- Suitable for multiple scenes
- Free to control, easy to learn



Standard dispensing machine
PJL-1200

Characteristics:

- Multiple configuration, suitable for a variety of products
- High versatility and high cost performance
- Suitable for various products
- Can be used with production lines

Technical Data

Model	PJL-1000	PJL-1200	PJL-1500
Dimension	1200*1000*1700mm	1390*65*1900mm	1500*1000*1700mm
AB ratio	100:100-100:10 adjustable		
Speed	500mm/s (Movement speed) 1-12ml/s (gluing out speed)		
Accuracy	±2% (potting) ±2% (mixing)		
Input pressure	0.5MPa-0.7MPa		
Viscosity	50cps-30000cps (Viscosity can be down via heating glue)		
Operation	Semi-Automatic		
Meter Pump	Gear pump/Screw pump/Double cylinder plunger pump		
Flow Control	Digital Input		
Programming method	teaching programming		
Automated control system	PLC / touch screen (programming, modification, storage, etc.)		
Glue control system	AB glue suction valve to achieve independent operation of AB glue		
Mixed mode	dynamic static optional, instant mixing, easy to clean		
Tank	stainless steel tank (60L)、(50L)、(40L)、(25L)、(10L) optional		
Power supply	220V/50Hz/1200W (Test under heating unction is not power on)		



Vertical glue mixing machine PJJ-800

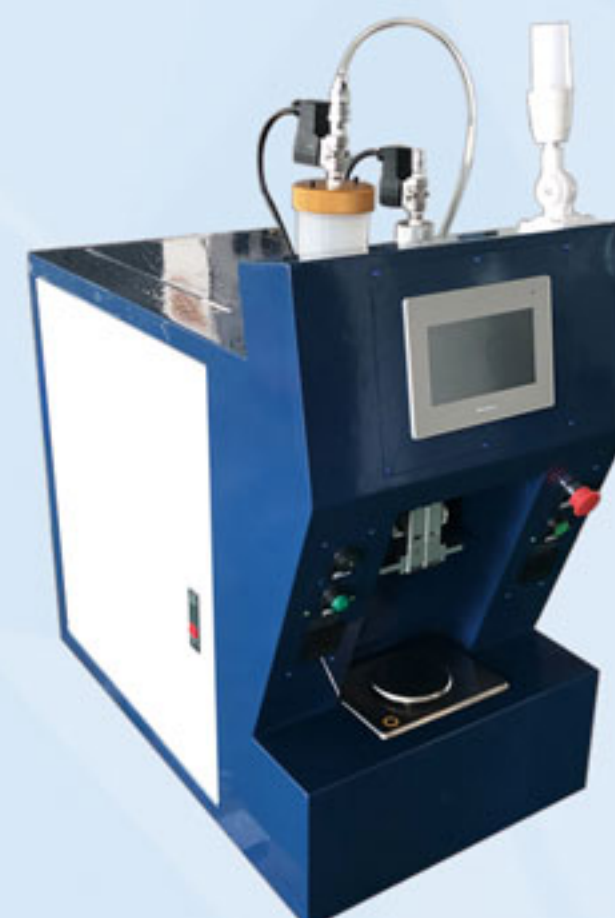
Characteristic:

- Vertical design
- modules design , easy to maintain
- More configurations optional

High precision glue potting machine TG-40

Characteristic:

- 0.015g Precise mixture ratio, the minimum error can be up to 0.015g
- The maximum amount of glue can be up to 0.2g / time
- Desktop design, small size, easy to install



Compact metering mixing machine JYPY-1000

Characteristic:

- Small size, easy to place
- Easy to operate, easy to learn
- Multiple configuration, suitable for a variety of products



Technical Data

Model	PJJ-800	JYPJ-1000	TG-40
Glue mixing ratio	100:100-100:10 adjustable		
Dimension	850*800*1800mm	1320*650*1900mm	800*475 *900mm
Speed	500mm/s(Movement speed)	1-12ml/s(gluing out speed)	0.1-2ml/s(gluing out speed)
Accuracy	±2% (potting) ±2% (mixing)		
Input pressure	0.5MPa-0.7MPa		
Viscosity	1cps-30000cps (Viscosity can be down via heating glue)		
Operation	Semi-Automatic		
Meter Pump	Gear pump/Screw pump/Double cylinder plunger pump		
Flow Control	Digital Input		
Programming method	teaching programming		
Automated control system	PLC / touch screen (programming, modification, storage, etc.)		
Glue control system	AB glue suction valve to achieve independent operation of AB glue		
Tank	stainless steel tank (25L)、(10L)optional	stainless steel tank (40L)、(25L)、(10L)optional	Transparent plastic bucket 1L
Mixed mode	dynamic static optional, instant mixing, easy to clean		
Power supply	220V/50Hz/1200W (Test under heating unction is not power on)		



GND-700

Characteristic:

- High viscosity structural adhesive machine
- Perfectly solve high viscosity glue ratio mixing
- Suitable for automotive related product
- Suitable for new energy industries

Model	GND-700
AB ratio	100:100-100:10 adjustable
3 axis working area	700*700*100MM
Movement Track	Dot/Line/Arc/Circle
Accuracy	±0.1mm (Repeatability) ±2% (potting) ±2% (mixing)
Input pressure	0.5MPa-0.7MPa
Operation	Manual/Automatic
Automated control system	PLC / touch screen (programming, modification, storage, etc.)
Mixed mode	dynamic static optional, instant mixing, easy to clean
Power supply	220V/50Hz/1200W (Power consumption without heater)
Speed	300mm/s (Movement speed) 1-12ml/s (gluing-out speed)
Program	99/∞
Viscosity	Toothpaste
Meter Pump	Gear pump/Screw pump/Double cylinder plunger pump
Programming method	PLC / touch screen (programming, modification, storage, etc.)
Glue control system	AB glue valve/pinch valve
Storage tank	5 gallons/55 gallons
Tank	stainless steel(25L)、 (10L) optional
Dimension	110*1100*1700MM



Intelligent vision piezoelectric spraying valve glue dispenser SZV-441

Characteristic:

- The highest precision spray dispensing based on pressure point technology
- Medium and high viscosity glue dispensing
- CCD local photography, fast and accurate positioning.

Technical Data

Model	SZV-441
Dimension	740*730*460mm
Working range	400*400*100mm
Repeatability	X:±0.03mm Y:±0.03mm Z:±0.05mm
running speed	X:300 mm/s Y:300 mm/s Z:100 mm/s
Precision	0.01ml
Power supply	about 1500W
Weight	about 70KG
Power supply	AC220V 50Hz
Running and positioning system	Industrial CCD ,base on vision and motion control software of PC .
Working environment	Temperature 30-40°C, Temperature 10-90% without crystal
Suitable glue	Single component epoxy , UV glue , silane coupling agent , Red glue , elargol
Time of change model	≤20min



Vision system dispensing machine
PGV401

Characteristic:

- one minute quick editing function
- 400 * 350mm single vision range
- matrix type smd-led light source
- place the product at any angle for dispensing (painting)
- it can dot, line and circle, and encapsulate any graphic track



Vision system dispensing machine
PGV402

Characteristic:

- one minute quick editing function
- 400 * 300mm double vision range
- matrix type smd-led light source
- place the product at any angle for dispensing (painting)
- it can dot, line and circle, and encapsulate any graphic track

Technical Data

Model	PGV401	PGV402
Machine travel	400(X)*350(Y)*80mm(Z) (Single station)	800(X)*350(Y)*80mm(Z)(Double station)
Table area	400X350X1	400X300X2
Performance	Dispensing efficiency:32K/H(dot)	
Movement Track	Dot/Line/Arc/Circle any other shape	
positioning system	Industrial CCD	
Vision system	1 set of 600W pixel high-speed camera	2 set of 600W pixel high-speed camera
Production line function (optional)	Customized matching production line function (customized production line according to customers' products)	
Movement mode	Stepper motor + belt	Servo motor + lead screw + belt
Displacement velocity	MAX:800mm/s MIN:500MM/S	
Accuracy	±0.1mm (Repeat positioning accuracy)	
Glue discharging function	Automatic fixed point / timing glue discharge function	
Dimension	900mm×900 mm×1750mm	1380mm×1100 mm×1800mm
Light source	Matrix smd-led light source	
Input air pressure	0.4MPa—0.7MPa	
Line width (optional)	Maximum 450mm (visual 350mm) (customizable online)	Maximum 400mm (visual 300mm) (customizable online)



Feather arrow glue machine JY-400

Characteristic:

- Suitable for a variety of arrow feather bonding
- Accurate positioning, stable glue supply
- Modular design, easy to maintain

Technical Data

Model	JY-400
Dimensions	720×550×1300mm
Number of operating arrow shafts	6
Arrow Feather Bonding Angle	0-360°
Bonding efficiency	180 pieces/hour (corresponding to sticking 3 arrow feathers)
drive mode	Precision Stepper Motor
Arrow shaft diameter	5—9mm
Displacement speed	300mm/s
Precision	±0.2mm (repetitive positioning accuracy)
Program	99/unlimited
Input air pressure	0.5MPa—0.7MPa
Power supply	220V/50Hz/800W



SZD-700

Characteristic:

- 3axis working area 700*700MM
- High speed
- High precision
- Easy to operate and easy to maintain

Characteristic:

- 3axis working area 1200*1200MM
- High speed
- High precision
- Easy to operate and easy to maintain

SZD-1200



SZD-1500

Characteristic:

- 3 Axis working area 1500*480MM
- High speed
- High precision
- Easy to operate and easy to maintain

Technical data

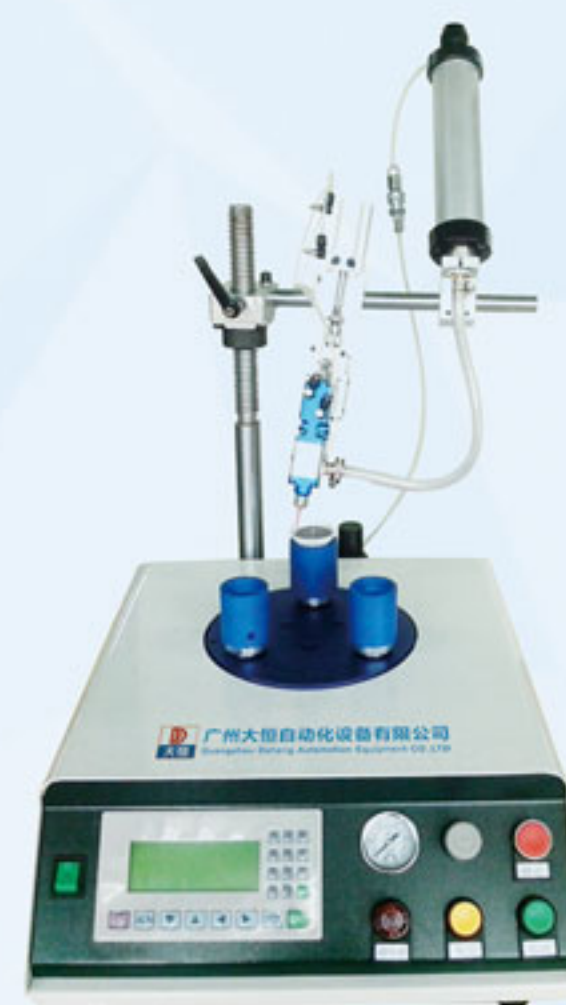
Model	SZD-700	SZD-1200	SZD-1500
3 axis working area	700*700*100mm	1200*1200*100mm	1500*480*100mm
Dimension	1300*1100*1700mm	1950*1400*1600mm	1950*1400*1600mm
Movement Track	Dot/Line/Arc/Circle		
Speed	300mm/s (Movement speed)		
Accuracy	±0.01mm (Repeatability)		
Program	99/∞		
Input pressure	0.5MPa-0.7MPa		
Operation	Manual/Automatic		
Programming method	teaching programming		
Power supply	220V/50Hz/1200W (Power consumption without heater)		



Desktop dispenser

Characteristic:

- Module design
- Optional itinerary
- High speed, high precision
- Desktop design easy to place



QPD-300

Characteristic:

- High speed and high efficiency
- Easy to use
- Desktop design, easy to place

Technical Data

Model	SZD-300	SZD-400	SZD-500
3 axis working area	300*300*100mm	400*400*100mm	500*500*100mm
Dimension	550*650*700mm	650*750*700mm	750*850*700mm
Movement Track	Dot/Line/Arc/Circle		
Speed	300mm/s (Movement speed)		
Accuracy	±0.01mm (Repeatability)		
Program	99		
Input pressure	0.5MPa-0.7MPa		
Glue type	one component adhesive		
Operation	Manual/Automatic		
Programming method	teaching programming		
Power supply	220V/50Hz/1200W (Test under heating unction is not power on)		

Model	QPD-300
Dimension	660*380 *680mm
Driver	Precision stepper motor
Dispensing motor speed	3 rev / sec
Speed	300MM/S
Accuracy	±0.01mm (Repeatability)
Movement Track	Dot/Line/Arc/Circle
Speed	300mm/s (Movement speed)
Input pressure	0.5MPa-0.7MPa
Max diameter of product for dispensing	115mm
Power supply	20V/50Hz/1200W (Power consumption without heater)



Characteristic:

- RTD regional thermal to increase the temperature control accuracy .
- Three layers of isolation material improve thermal efficiency and reduce heat loss and reduce operating costs .
- Quick electrical plugs connection

Technical Data

Molten cylinder volume	10kg
Hotmelt glue speed	12kg/hr
Throat/gun quantity	2/2
Maximum power consumption of the system	11900W
Thermal type	PT100

Pump quantity/gear pump	1/6 CC
Net Weight	75KG
Pressure of operating glue	1000psi (6.9Mpa)
Viscosity of liquid	500-30000cps
Environment temperature	(-7-50°C)



Characteristic:

- Easy to maintain
- Precise dispensing
- Precise temperature control

The hot melt adhesive machine is mainly used to realize the automatic equipment of hot melt adhesive spraying, scraping, rolling, and injection molding.

Application: Household items (diapers, toilets, mousetraps, etc.)

Automotive industry (interior seals, headlight manufacturing, windshield assembly, air filter)

Non-woven composite, footwear, printing, electronic product assembly, garment, self-adhesive, packaging industry (carton packaging, cigarette package, beverage packaging) coating composite industry (label paper, label double-sided adhesive, medical breathable belt) book binding, etc.



Manual glue dispenser
SD-200

Characteristic:

- Easy program and good cost-effective
- Multi language design and widely be used in different industrials.
- Humanization design and easy to maintain.
- Variable glue dispensing mode for optional

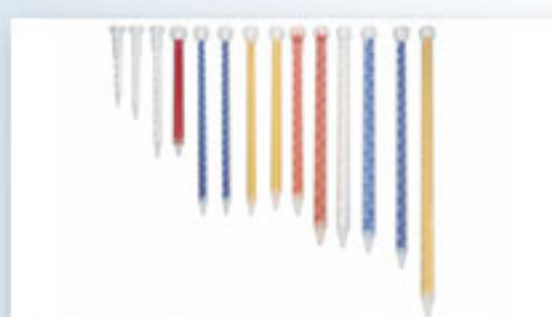
Technical Data

Time display	LCD
Air pressure display	Pointer
Out-put air pressure	Precision adjustment
Timer adjustmen	Button
Operation mode	manual / automatic / cycle
Gluing precision	+/-0.001ml

Gluing frequency	≥800 times/second
Working pressure	AC220V 50HZ
Working air source	0.1-0.8 Mpa
Accessories for optional	manual/pedal trigger ,the leak vacuum / Leak-proof vacuum mechanism/Syringe needle
Suck back pressure	precision adjusting valve

Accessories

Mixer tube



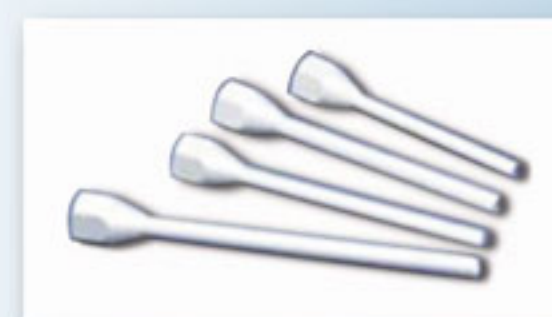
Static mixer tuber



Dynamic mixer tube



Joint



Metal sleeve

Valve



Static dual-liquid valve



Precision valve



spraying valve

Needle/ Syringe



3,5,10,50,70,300 cc standard , ultraviolet-proof , UV-stop type



Adaptor



Teflon needle



Stainless steel needle



Metal sleeve



Visual Vacuum glue dispensing production line



Automatic glue dispensing and drying production line



High precision palletizing manipulator



Tunnel furnace glue dispensing production line



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