

# SQH

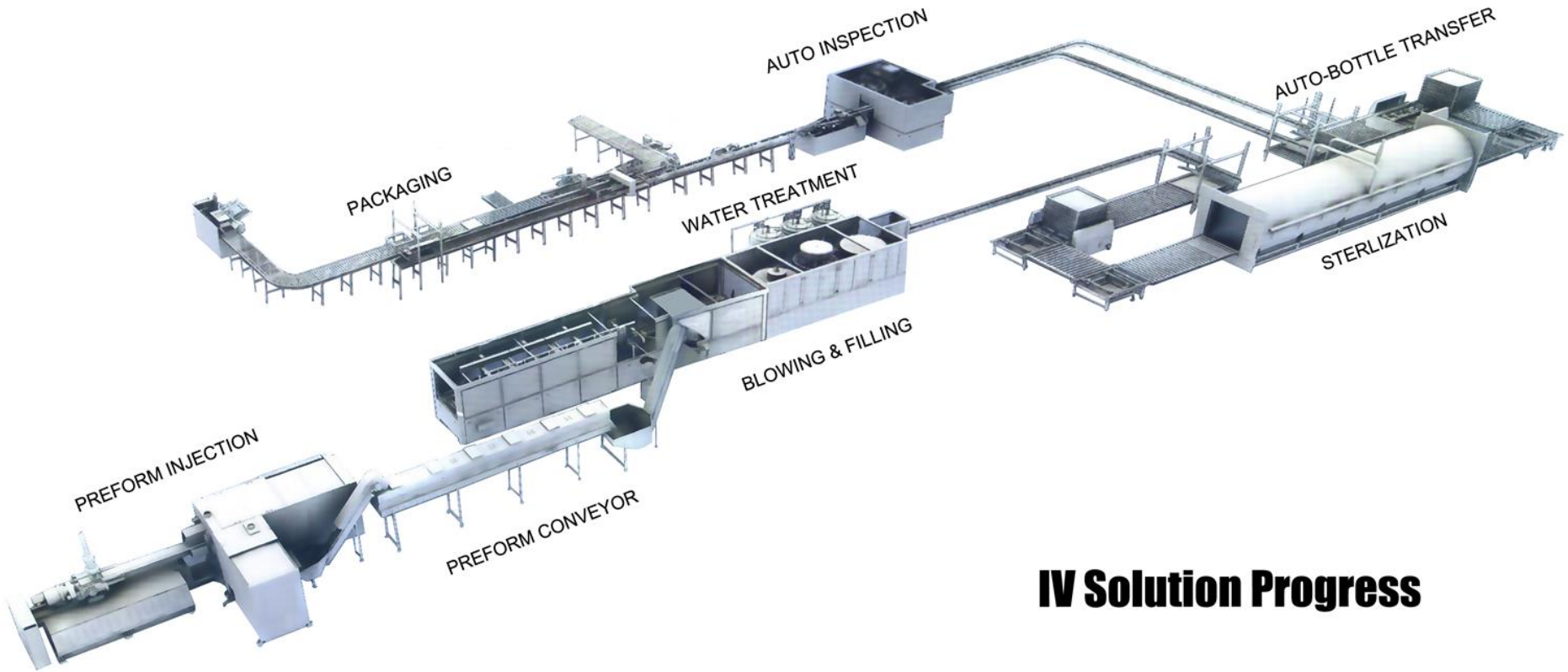
## **ISBM Professional**

**SQH Technology Development Co., Ltd.**

Website: [www.sqh-tech.cn](http://www.sqh-tech.cn)

Email : [info@sqh-tech.cn](mailto:info@sqh-tech.cn)

# Our Products



## IV Solution Progress

Website: [www.sqh-tech.cn](http://www.sqh-tech.cn)

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**ISBM Professional**

**SIV Series**  
**Capacity 1000-20000bph**



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## General Description

**SIV Series** blow molding machine is great equipment for producing BOPP IV bottle. The main production flow of this equipment is as below:

- (1) Sending preform onto carriers by conveying system
- (2) Heating preform with heater
- (3) Sending preform into molding cavity by servo mechanical clamp
- (4) Stretching and blow molding preform inside mold
- (5) Taking out finished bottle
- (6) Automatic connection device to filling machine.

Adopted smart high-accurate auto voltage control system the equipment can accurately control preform temperature and greatly save manpower, raw material and energy. Preform molding uses servo preform loading system, Servo mold clamp system, unique rotary convey system, preform loading system and two-step servo stretch molding system which can accurately control stroke and guarantee even bottle thickness. Besides, the equipment uses user friendly interface and has Tele-diagnosis system to ensure safer and more reliable running.

# Our Products

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## 1. Material

Raw material selection : We can offer you a professional guide in raw material selection and support you to find a proper one by your needs.



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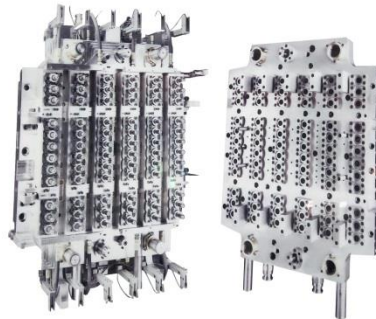
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# Our Products

## 2.Preform Injection System

Injection machine: Preform production is the first and very important process in infusion plastic bottle package line. High speed injection machine, suitable for 24-144 cavities mold hot runner injection preform, the cycle time can be shortened to 20 to 45 seconds, the capacity can reach 2000-20000/h. It can be treated from 100ml-1000ml in the same machine.

By our professional and rich experiences we can offer you a efficient and reliable preform production machine and molds with integrated solutions.



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## Our Products

### 3.Preform Cooling Conveyor system

Preform cooling conveying system: Preform is conveyed by preform cooling system to blow machine, which can improve production line efficiency , reduce repeated pollution and insure preform in a good condition in conveying process.

According to your workshop layout , we can provide you a rational and efficient cooling conveying system solution to meet your production needs.



## Our Products

### 4.Hanger Production System

Hanger production system: Hangers are mainly used for hanging inverted infusion bottles to meet actual requirements of hospital and make their daily usage more easily. According to your yields and requirements ,combining our profession we can offer you a good solution on hanger production system.



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# Our Products

## 5.ISBM Blow Molding Machine

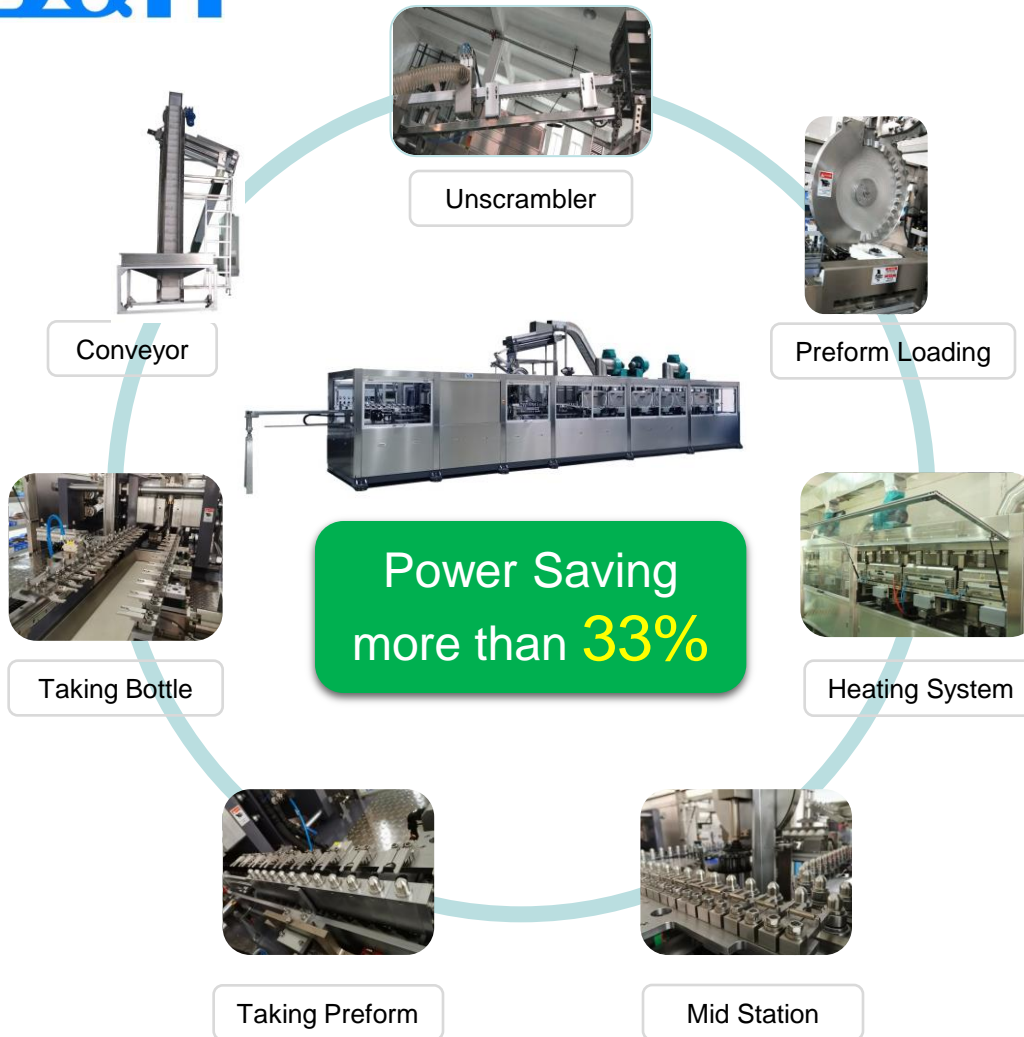
ISBM blow molding machine: It is adopted smart high-accurate auto voltage control system the equipment can accurately control preform temperature and greatly save manpower, raw material and energy.

we can offer you a customized solutions with your required material and parts, flexible design and a professional solution for blow molding machine with a size of 100ml to 1000ml, capacity range from 2000/h to 20000/h.



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**CERTIFICATE OF CONFORMITY**

No. 74270/2090/C rev. 0  
 Contract No. CHIG17082369

*This is to declare that the technical file of the products identified below complies with the essential requirements of European Directive 2006/42/EC (MD) and safety objectives of European Directive 2014/35/EU (LVD).*

Description:  
**PP IV-BOTTLE BLOW MACHINE**

Models:  
 SIV1, SIV2, SIV4, SIV5, SIV6, SIV8, SIV10, SIV12, SIV15

Reference standards:  
 EN 422:2009,  
 EN 60204-1:2006 + A1:2009 + AC:2010

Applicant:  
**SQJ ELECTRICAL TECH CO., LTD.**

Address:  
 Beautiful Bay 18-B133, Wanjiang, Dongguan, Guangdong, China (PRC)

*According to the procedures established by the above mentioned European Directives, the Applicant shall sign the declaration of conformity.*

Place and date of issue  
 Bellaria-Igea Marina, Italy  
 22 September 2017

Chief Executive Officer  
 (Dot. Nazario Giordano)



The digital signature of this document has been issued in accordance with Italian legislation.  
 This document consists of 2 pages.

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The product can bear **CE** marking only if all applicable European Directives which require it are complied with.

# Our Products

## 6.Filling Machine (Wash-Fill-Seal)

Filling machine (Wash-Fill-Seal): Adopts bottle-chain chain-in method which can be directly connected with bottle-blowing machine.

By our rich experience we can offer you a safety, reliable and adaptable filling machine solution. By your yields, bottle size and dimension requirements we can provide you a customized machine with your required material and parts. The capacity can be 2000 b/h to 24000b/h.

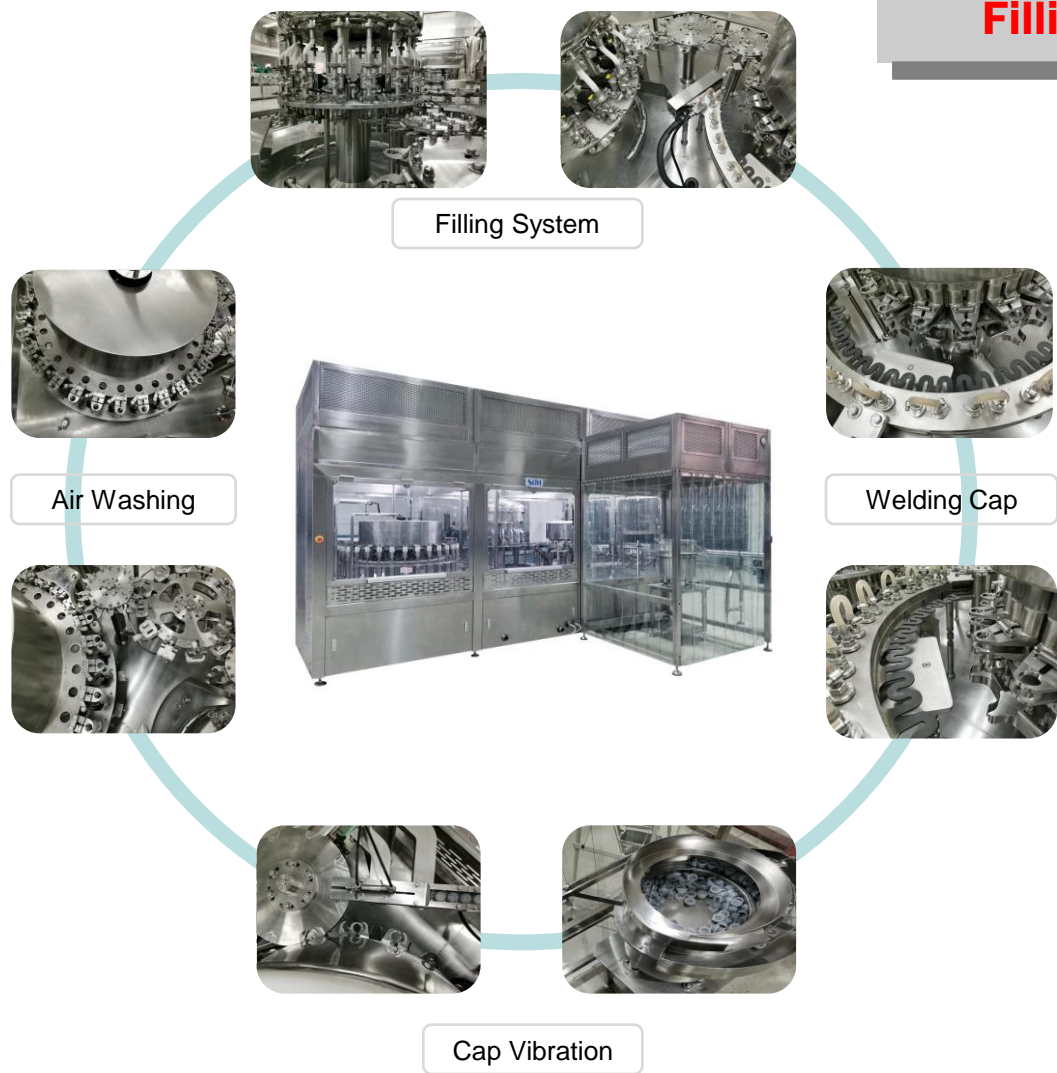


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# Filling Machine



# Our Products

## 9. Sterilization System

The filled infusion bottles will be sent to autoclave cabinet by autoclave system. Sterilization is the killing of all microorganisms present in the infusion. It adopts saturated steam as sterilizing medium on 121°C. It uses pulse vacuum to eliminate the effect of cold air to sterilization, and finally it dries the substances by combining vacuuming and wet removing. It included autoclave cabinet, automatic bottling system, automatic bottle unload system and automatic transfer system.





# Our Products

## 7.Rear Conveying System

Rear conveying system: the filled infusion bottles will be sent to autoclave cabinet by rear conveying system. By your production line configuration we can offer you a good solution for this conveying system.



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# Our Products

## 8.Capping Machine

Capping machine: We offer capping machine solutions. You can reduce cost largely by the way to purchase components of ring-pull cap and finish the production by capping machine. According to your production line capacity we can provide you a proper cap machine solution to meet your needs.



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## Our Products

### 10.Light Inspection Machine

It is used in pharmaceutical factory production to automatically check impurities in plastic bottles infusion. Inspect scope: 50ml-1000ml infusion in plastic bottle and glass bottle.

- The container is rotated at high speed and then abruptly stopped.
- The solution, and any particles within, keep rotating by inertia.
- CCD cameras move synchronized with the container transport system while a sequence of images is taken.
- The different images are processed by the subtraction method to reproduce the particle motion path.
- A number of inspection parameters are set and considered to finally accept or reject each specific container.





# Our Products

## 11.End-Packing

Auto-labeller machine: It has the characteristics of stable and reliable labeling, good position, no foaming, high efficiency and convenient operation.

Automatic loading chest machine: It is an automatic device for erecting the folded carton into a box, loading the finished bottles to be packed into a carton, and sealing the carton.

Automatic weighing machine: It mainly helps the manufacturer to detect the net content of the product, whether the product is missing and the weight of the liquid medicine meets the standard.



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## Our Service

**Bottle design:** our professional design team can design bottles by your production requirements and actual use. We design preform shape and weight in different sizes to make products more competitive.

**Electrical engineering:** We have a experienced electrical engineer team can offer you a professional technical training and support ,including PLC programming, application principle of electrical components, circuit design, electrical installation, troubleshooting etc.

### **Training service:**

**A:** mechanism principle of machinery, auto-control principle, operation flow of equipment, maintenance skill etc.

**B:** Production technology training: professional training and instruction in production process. Make clients master operation skills of every work station and equipment maintenance, master how to control product quality, how to resolve trouble both on product and equipment during the production, and know key techniques to coordinate production on whole line.

## Our Service

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- Provide technical support and maintenance service, and establish periodical communication mechanism with clients, know conditions of equipment and demands of clients timely and provide corresponding solution.
- Equipment upgrading service: we can offer you upgrading and reforming service, and provide you relating training to make your equipment to meet needs from constantly changing market.
- Value-added services: keep your equipment under remote control, and assist you to clear equipment troubles in the first time from miles away, reduce production loss and improve production efficiency.

# Cooperative Partner



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# Our Supplier

SIEMENS

ABB

Leuze

SCHMERSAL  
THE DNA OF SAFETY

SICK  
Sensor Intelligence.

TURCK

FESTO

Parker

GSR

Rexroth  
Bosch Group

SEW  
EURODRIVE

OMRON

MITSUBISHI  
ELECTRIC

Pro-face  
by Schneider Electric

YASKAWA

SMC

Schneider  
Electric  
施耐德电气

PHOENIX  
CONTACT

Weidmüller

NSK

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## Why we are your choice?

- We can offer you a accurate and professional solution with our rich experience and guide you in a right direction in selecting plan to avoid unnecessary loss and detours, accordingly ensure your benefit at utmost.
- Customizing individual products: We can offer you flexible and practical Customizing individual solutions, your trust is our best rewards.
- SQH has 20 years' experience starting 1999 and experience of working with European Companies and have well learned GMP & EU standards
- SQH have done the project in Europe and that ISBM line is qualified for EU production
- SQH have the documentation of EU standard that is already qualified whereas for competitors you will hardly find this experience