

FOCUS ON HEALTH VALUE

▼ Engineering ▼ Process ▼ Equipment

ZHEJIANG CANAAN TECHNOLOGY LIMITED

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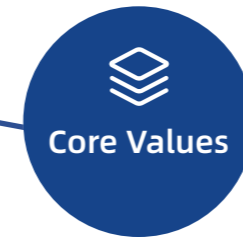


The land of hope, the land of promise.
Because of love, we gather together.
Thanks for your companion



LOVE IS CONCENTRATION

Focus on Health Value



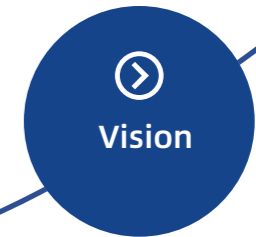
Core Values

▲▲▲
Upholding the principle & innovation
Win-win cooperation
Excellence leads to long-term success



Mission

▲▲▲
Focus on Health Value
Strive for human health!



Vision

▲▲▲
To build a world-class pharmaceutical equipment and service industry group, and make the world a better place!

Established in 2000, Zhejiang Canaan Technology Limited is one of the leading pharmaceutical equipment manufactures in solid dosage filed. We focus on research and development, manufacturing and sales of pharmaceutical equipment. Our business covers Integrated OSD solution, Integrated API solution, water system, intelligent warehouse solution, turn-key solution etc.. Canaan commits to provide comprehensive customized solutions and integrated services for industries such as pharmaceutical, food, chemical, new energy, cosmetics etc.

DEVELOPMENT HISTORY



2000-2004
(the first five-year plan)
Business start-up and transformation

- 2000 • Founded Yongjia Canaan Pharmaceutical Equipment Co., Ltd
Successfully transformed from a valve company to a pharmaceutical equipment company
- 2001 • Manufactured the first Pharma Lifter
- 2002 • Promoted to Zhejiang Canaan Pharmaceutical Equipment Co., Ltd
- 2003 • Successfully developed Automatic Lifting Bin Blender
- 2004 • The first time to participate in ACHEMA, Germany

2005-2009
(the second five-year plan)
Orientation and development

- 2005 • Invested 30 million RMB to establish an industrial park with an area of over 30 acres
- 2006 • Established Canaan Technology Limited and started a standardized and international development
- 2007 • Drew up 6 industrial standards and become a leader in China's pharmaceutical equipment industry
- 2008 • Put forward the listing goal
- 2009 • Established Zhejiang Canaan Technology Limited to lay a foundation for the listing goal

2010-2014
(the third five-year plan)
Regulation and listing

- 2010 • Awarded as a National High-tech Enterprise
- 2011 • Founded Nanjing Canaan Pharmaceutical Equipment Co., Ltd, covering an area of 200 acres
- 2012 • Submitted initial public offering to the CSRC and application materials for GEM listing
- 2013 • Founded a Postdoctoral Workstation
- 2014 • Founded a Provincial Enterprise Research Institute
Zhejiang Canaan Technology Limited was successfully listed, stock abbreviation is Canaan Technology, stock code is 300412

2015-2019
(the fourth five-year plan)
Financing and strategy making

- 2015 • Acquired Beijing Leemit Technology Co.,Ltd
- 2016 • Acquired Wenzhou Xiaojiang Technology Co., Ltd
Acquired Wenzhou Kaixinlong Technology Co.,Ltd
Nanjing Canaan Obtained a High-tech Enterprise certificate
Nanjing Canaan Pharmaceutical Equipment Co., Ltd
Changed its name to Nanjing Canaan Pishon Technology Co., Ltd
Founded Shanghai Kaisen Fluid Technology Co., Ltd
Founded "Canaan Intelligent Research Institute"
Founded "Canaan Pharmacy Research Institute"
- 2017 • Acquired " Yunnan Canaan Feiqi Technology Co., Ltd
- 2018 • Passed After-sales Service Certification

2020-2025
(the fifth five-year plan)
Upholding integrity and innovating

- 2020 • Start construct Canaan Big Health Smart Industrial Park
- 2022 • Founded Zhejiang Canaan iPharm Technology Limited
- 2023 • Founded Tianjin Canaan Pharmaceutical Equipment Co., Ltd
Canaan Biomedical Equipment Manufacturing Center starts construction
- 2024 • Awarded Zhejiang Provincial Key Enterprise Research Institute





Group Members:

Nanjing Canaan Pishon Technology Co., Ltd
Canaan Tianjin Technology Co.,Ltd
Zhejiang Canaan Kaixinlong Technology Co., Ltd
Yunnan Canaan Feiqi Technology Co., Ltd
Nanjing Step Pharm Technology Co., Ltd
Tianjin Canaan Pharmaceutical Equipment Co., Ltd
Zhejiang Canaan Xincheng Mechanical and Electrical Co., Ltd

Zhejiang Canaan Xiaojiang Technology Co., Ltd
Shanghai Kaisen Fluid Technology Co., Ltd
Nanjing Pision MT Intelligent Co., Ltd
Nanjing Pision PharmTechnology Co., Ltd
Zhejiang Canaan iPharm Technology Co., Ltd
Shanghai Lukens Engineering Co., Ltd
Zhejiang 123 Robot Co., Ltd



Canaan Xiaojiang Factory



Canaan Kaixinlong Factory

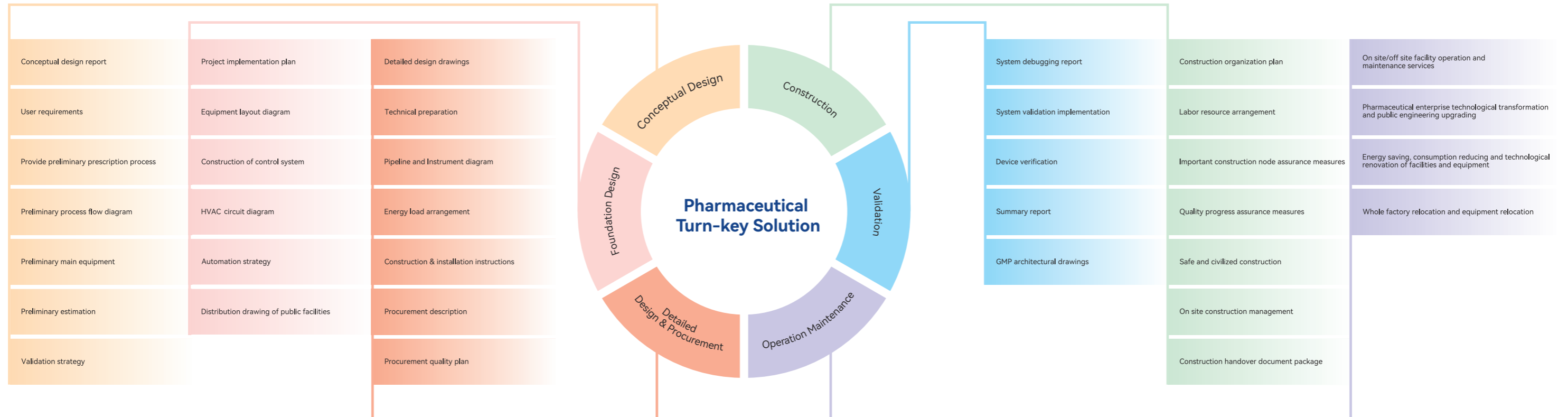
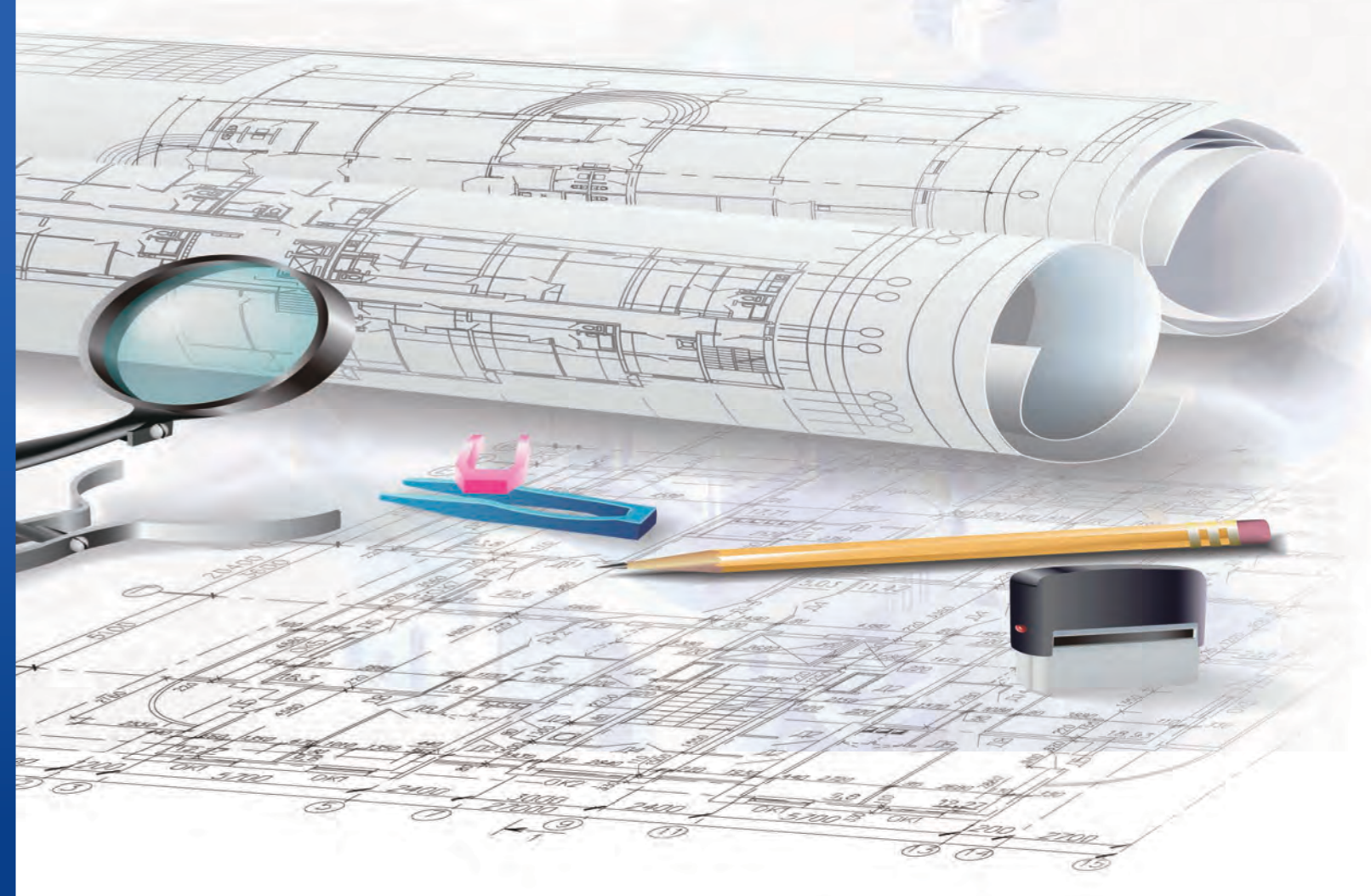
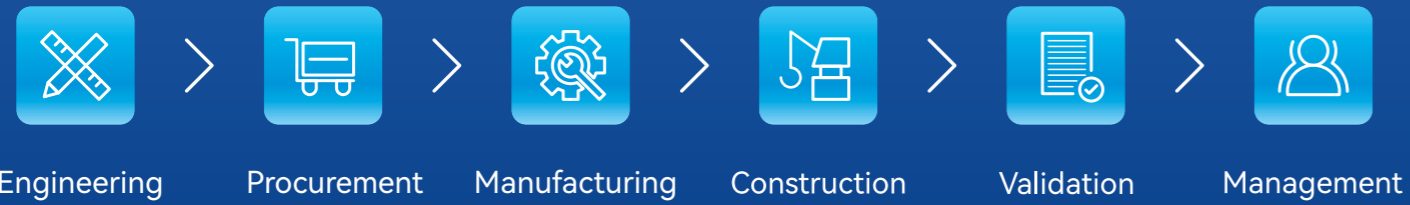


Canaan MT Factory



Canaan Headquarter | Canaan Tianjin

TURN-KEY SOLUTION PROVIDER



LABORATORY SOLUTION FOR SOLID DOSAGE



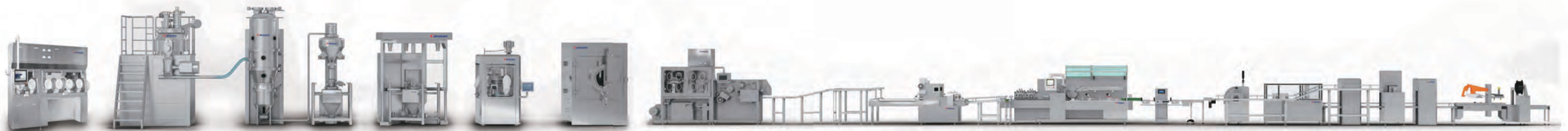
Integrated Solution | LOVE IS DEVOTION



HIGH CONTAINMENT GRANULATION SOLUTION

Closed Production Closed Cleaning Closed Malfunction

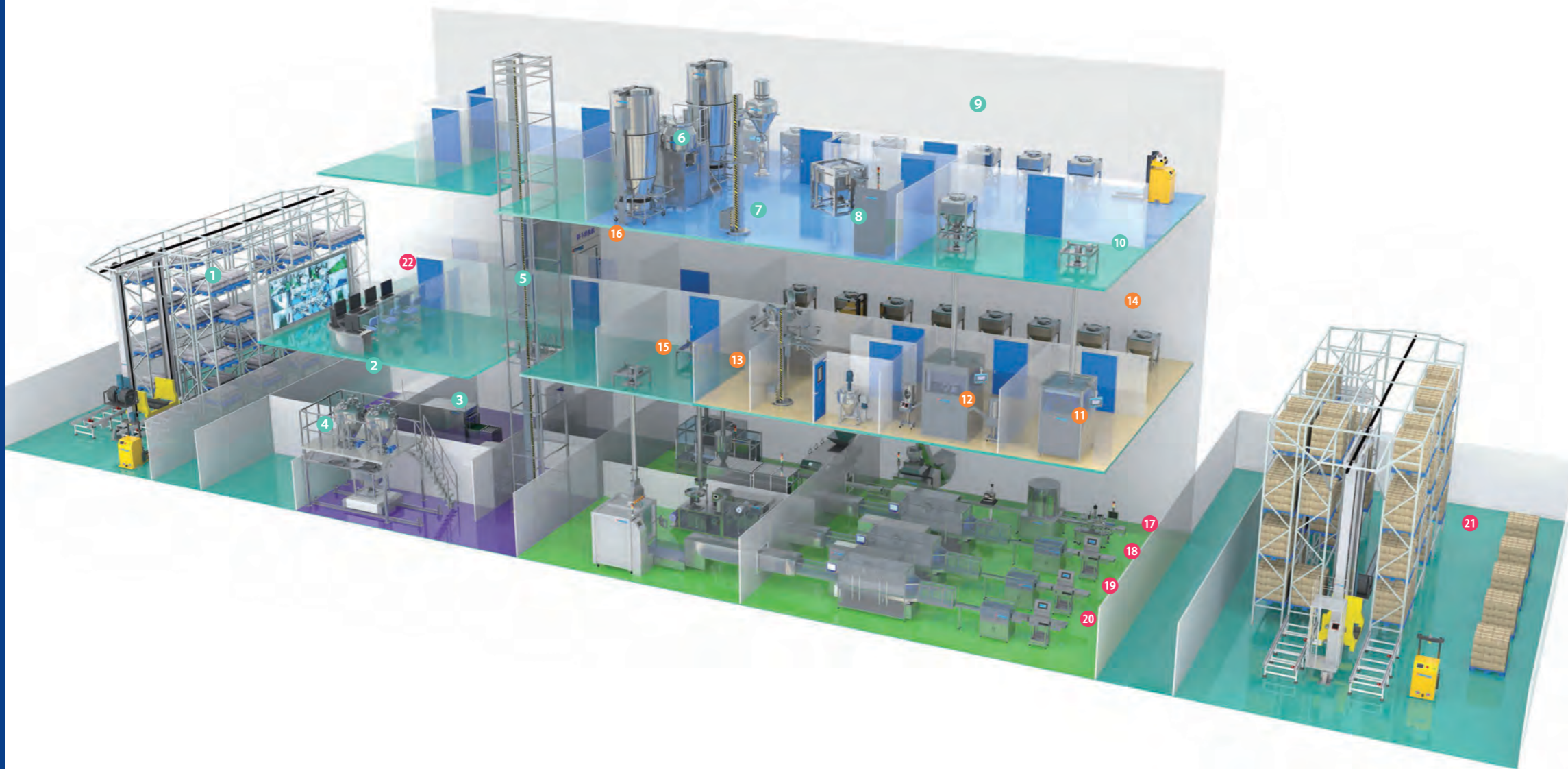
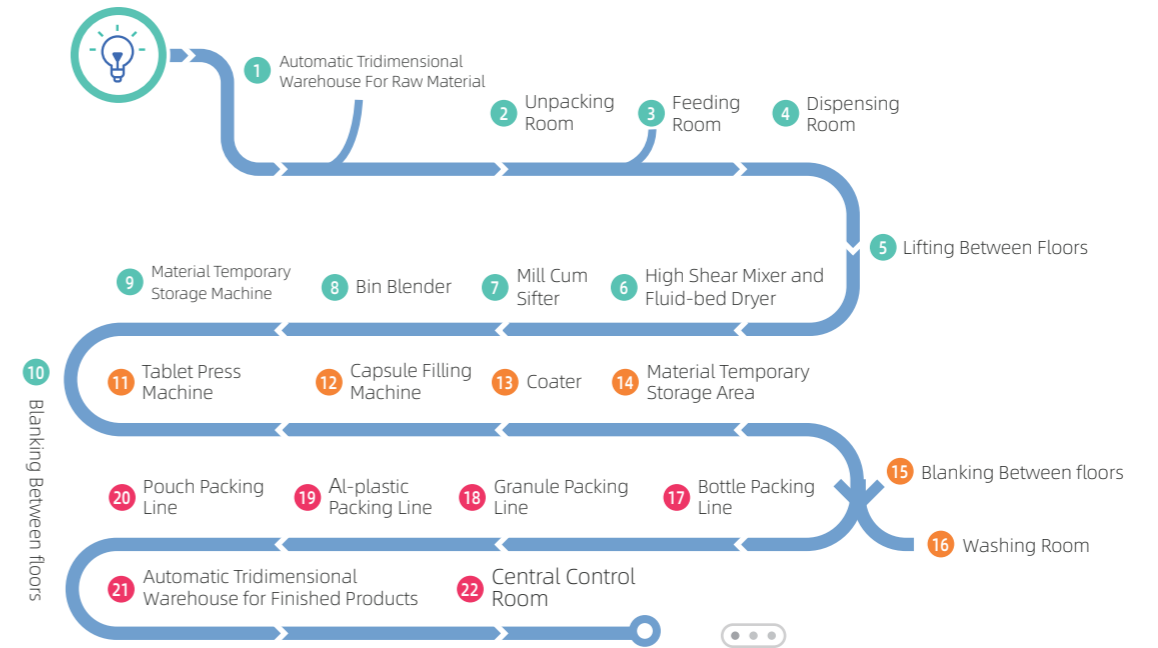
- Closed production process from Weighing to Packaging
- Suitable for the highly toxic, highly active, and highly lethal solid preparations
- Various closed material conveying methods, such as IBC, pipelines, and inter-layer dumping
- Equipped with a micro negative pressure control system
- Full coverage cleaning system
- Adopts BIBO, PUSH-PUSH and other structures to provide safety maintenance
- Adopts $\alpha\beta$ valve, RTP valve, glove box, etc
- Provide third-party closed testing services
- Meet OEB level



INTEGRATED SOLUTION FOR SOLID DOSAGE

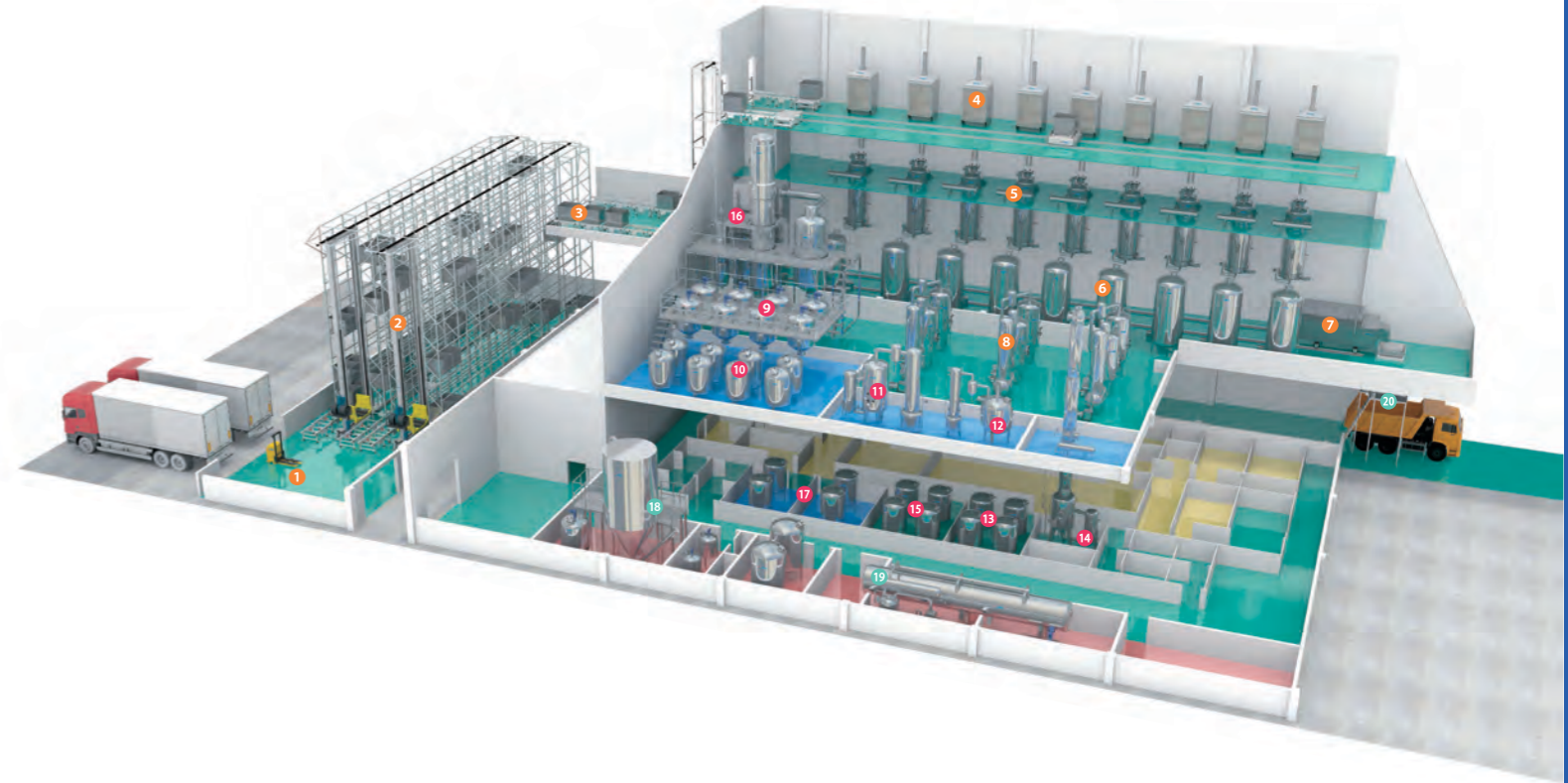
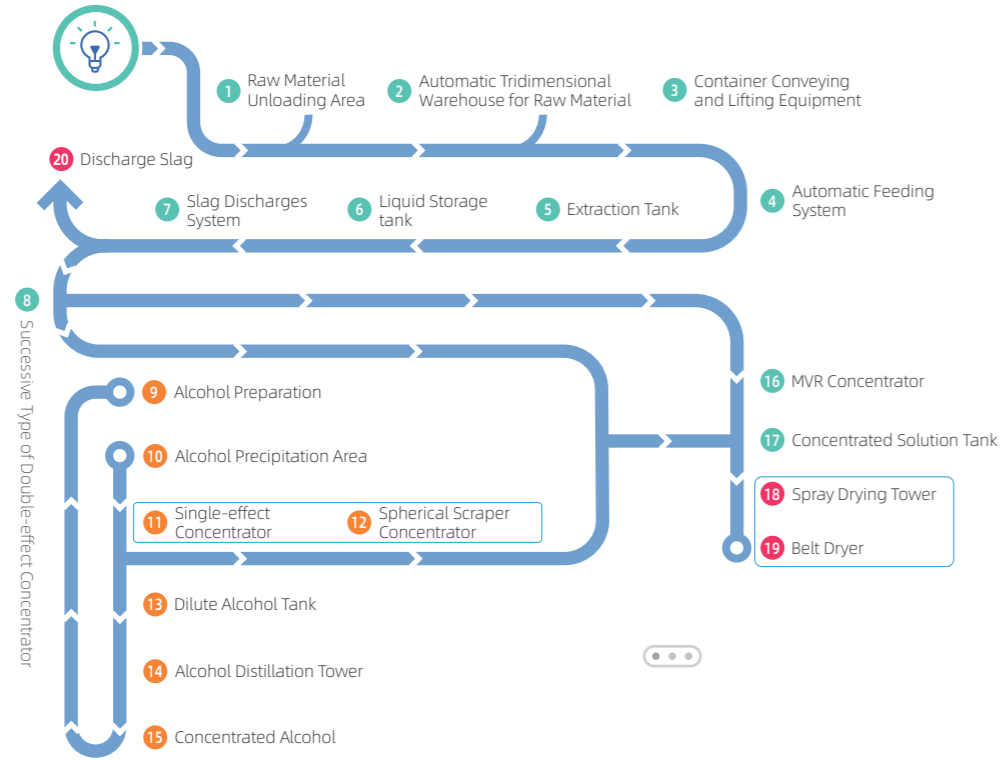


Integrated Solution
LOVE IS DEVOTION

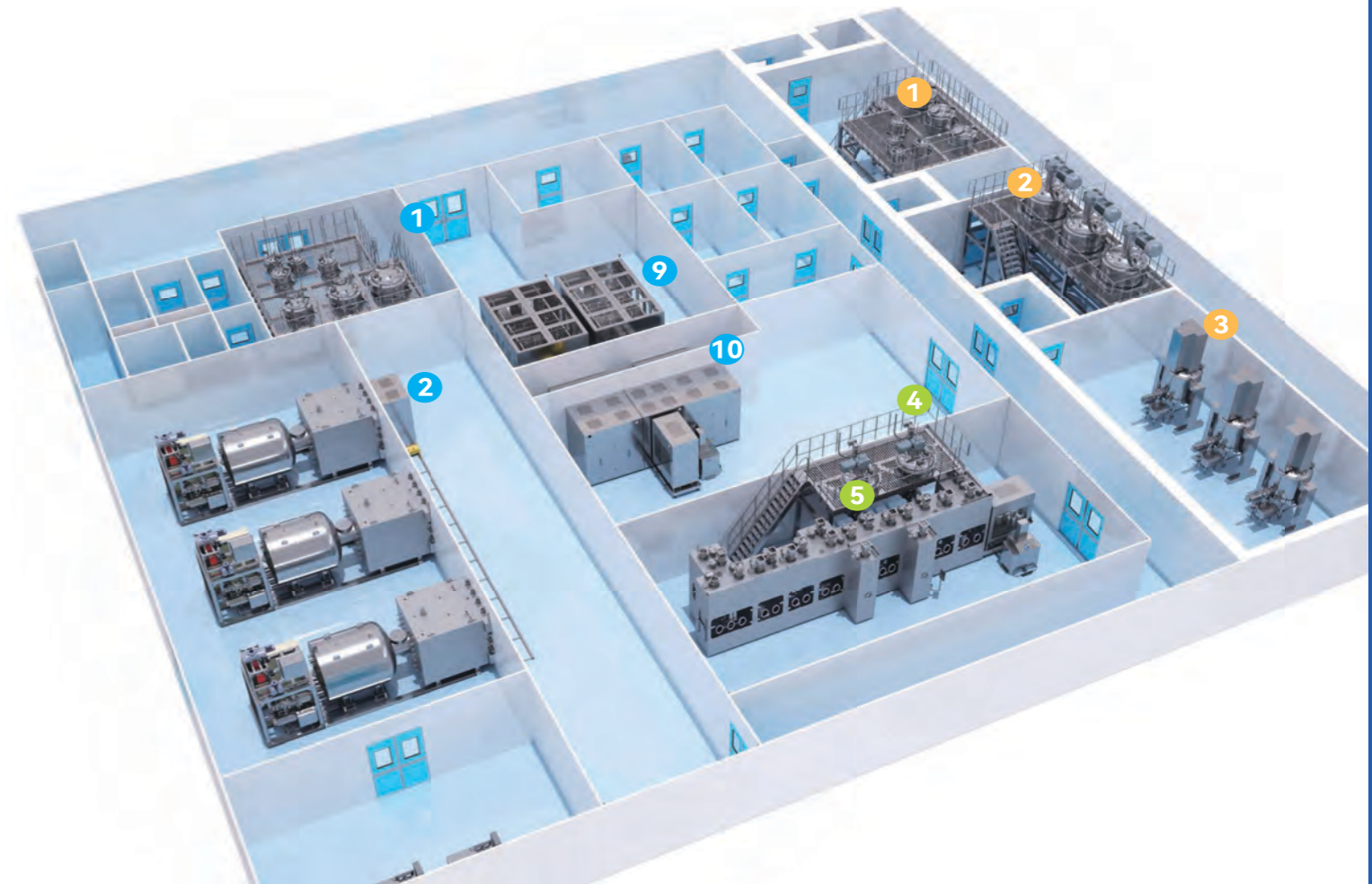
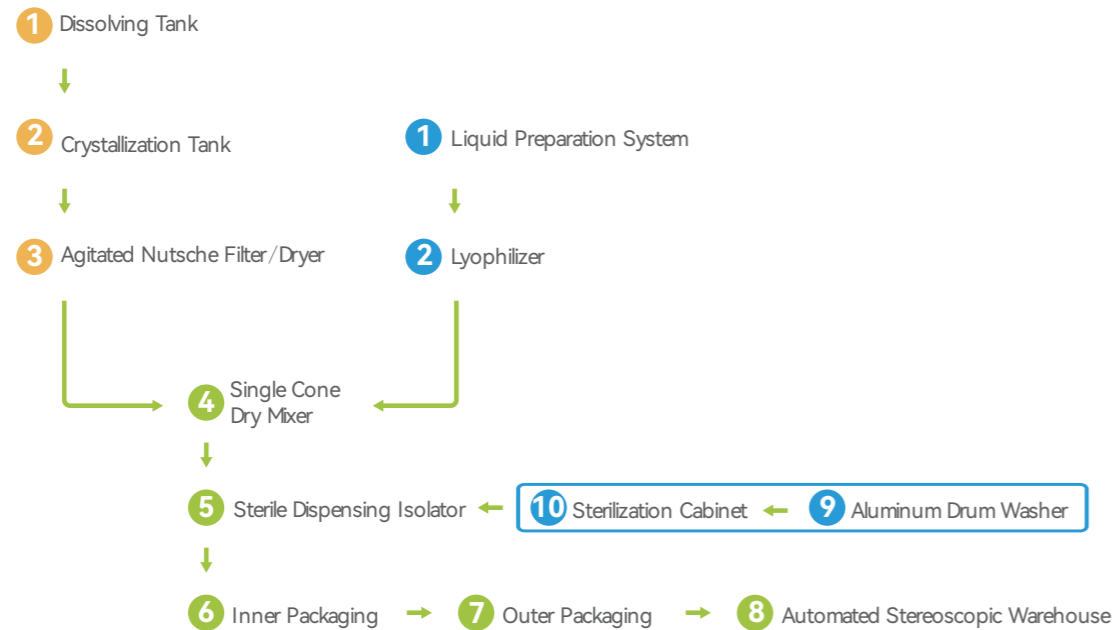




AUTOMATIC INTEGRATED SOLUTION FOR HERBAL EXTRACTION



INTEGRATED API SOLUTION



WATER SYSTEM

PHARMACEUTICAL WATER SYSTEM

- Project management
- Secondary design
- 3D design and dynamic simulation
- Module construction & site execution
- Validation service & document

Main Products

- Purified water generator
- Distilled water generator
- Pure steam generator
- CIP SIP system
- Preparation system for chemical pharmacy and traditional chinese medicine
- Preparation system for vaccine/McAb/insulin/blood products



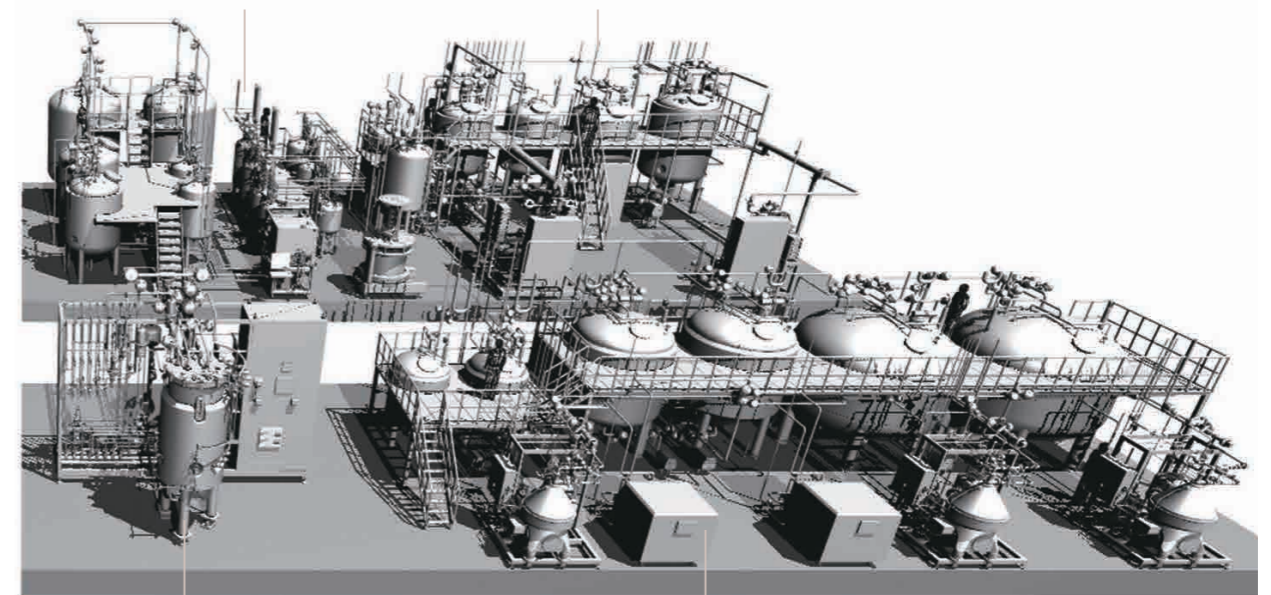
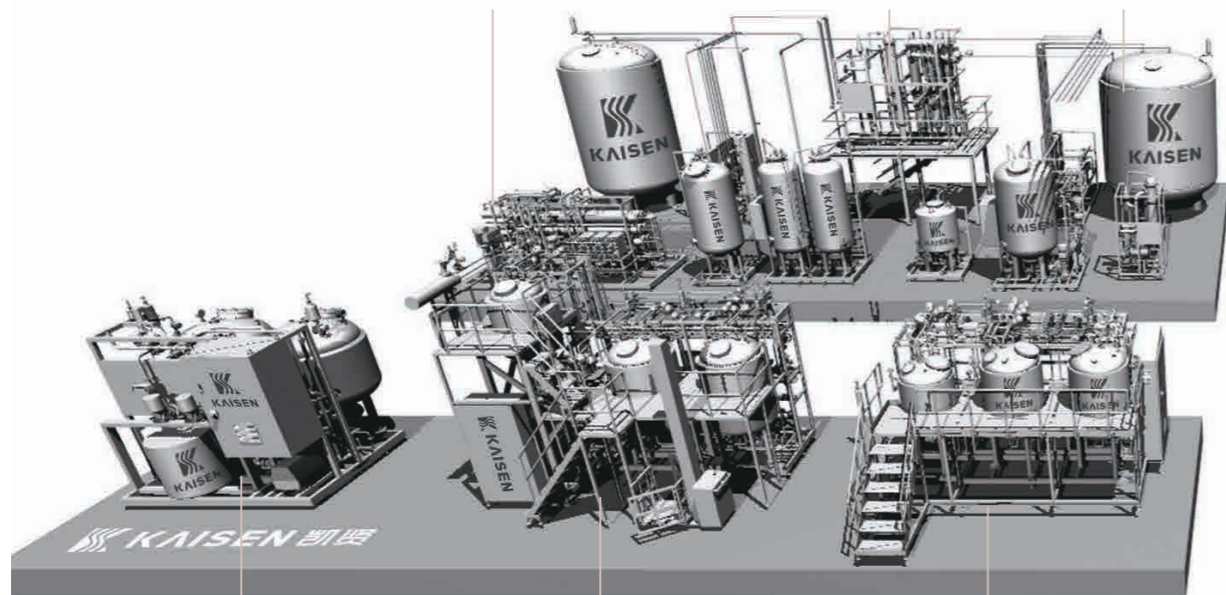
Purified water generator

Distilled water generator

Pure steam generator

Chromatography

Ultrafiltration



CIP station

Preparation module for freeze-dryer

Preparation module for small volume injection product

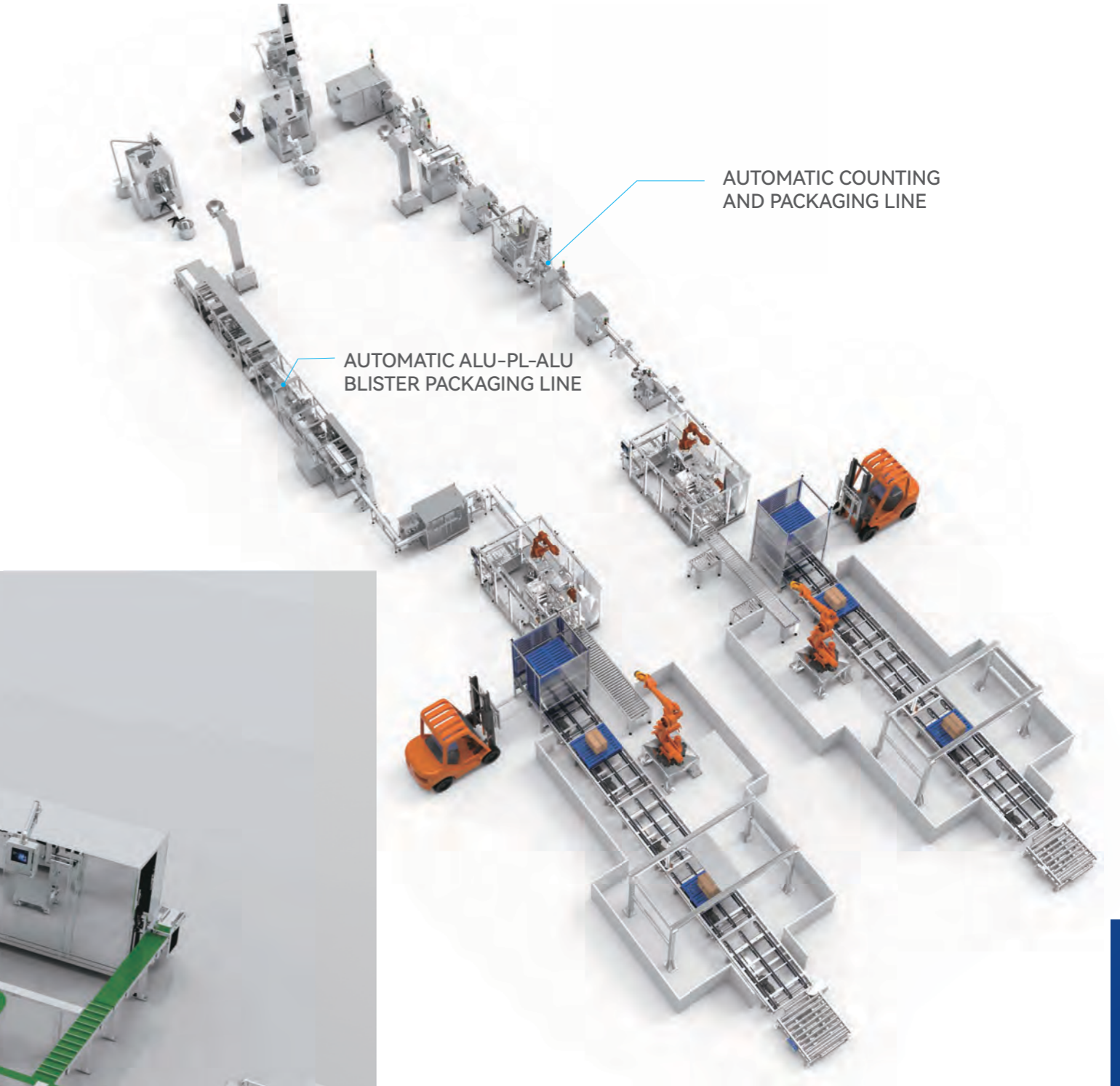
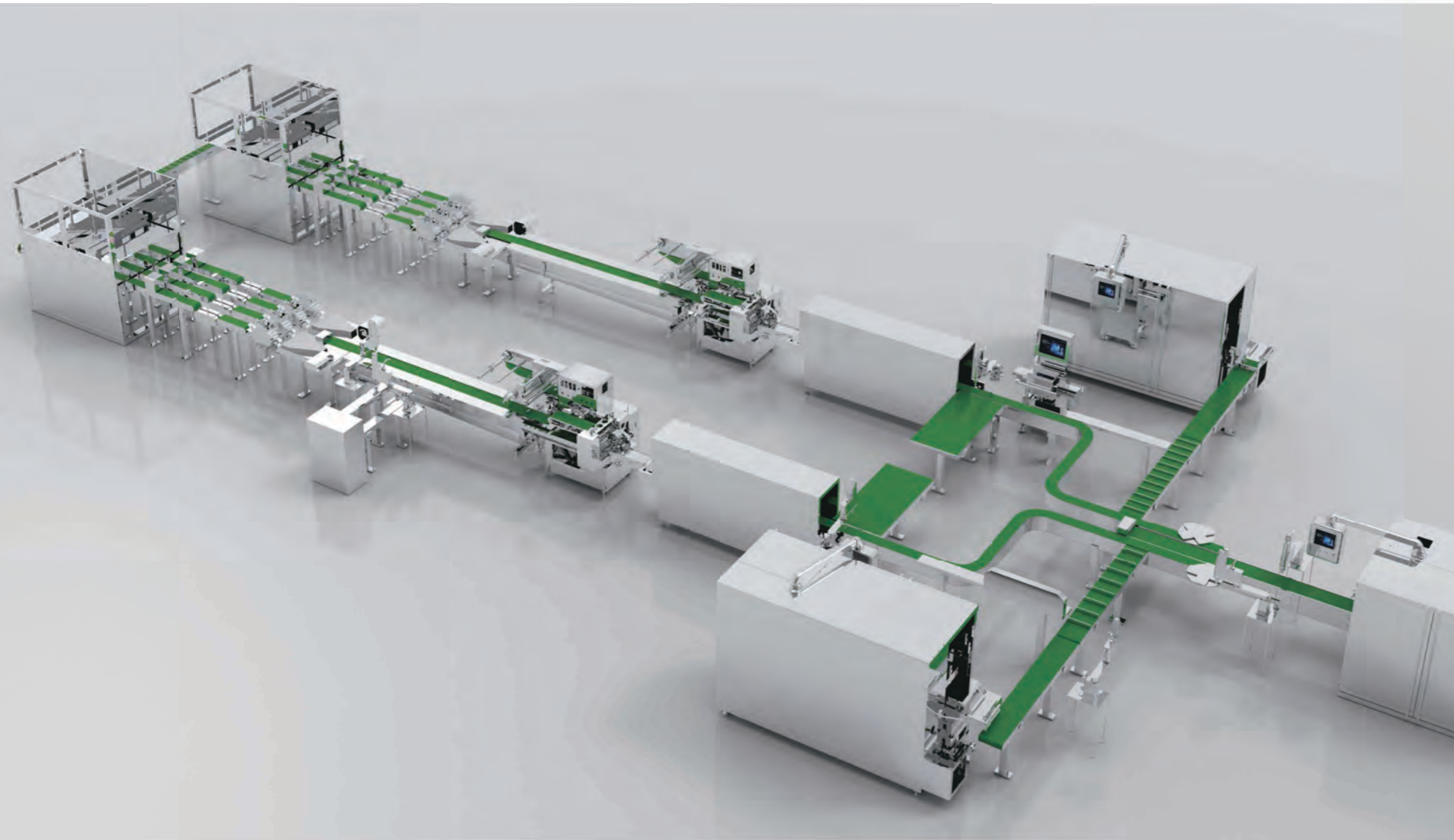
Bioreactor

Centrifugation and Homogeneity

INTELLIGENT PACKAGING SOLUTION

OVERVIEW

We provide customized intelligent packaging solutions for solid and liquid materials, such as tablets, capsules, granules, powders, pills, injections. The main products include intelligent bottling line, stick packaging line, aluminum-plastic blister packing line, carton packing machines, strapping machines, 3D wrapping machines, case packaging machines, automatic palletizing robots, visual inspection systems, etc.



PHARMACEUTICAL RESEARCH SERVICE FOR OSD

Canaan Pharmaceutical Research Institute: a division of Canaan that engaged in pharmaceutical research, pharmaceutical technological innovation, pharmaceutical industrialization development, and undertakes outsourcing services such as pharmaceutical technology development and process improvement standard upgrading entrusted by customers.

Pharmaceutical CRO

Research and application of chemical drugs (imitation and improved innovation)

Solid dispersion encapsulation

Third Party Testing

Traditional Chinese Medicine Testing
Chemical drug testing

Reverse analysis of key components

Non Pharmaceutical Products

Functional ingredients for cosmetics and food

INTELLIGENT WAREHOUSING SOLUTION

OVERVIEW

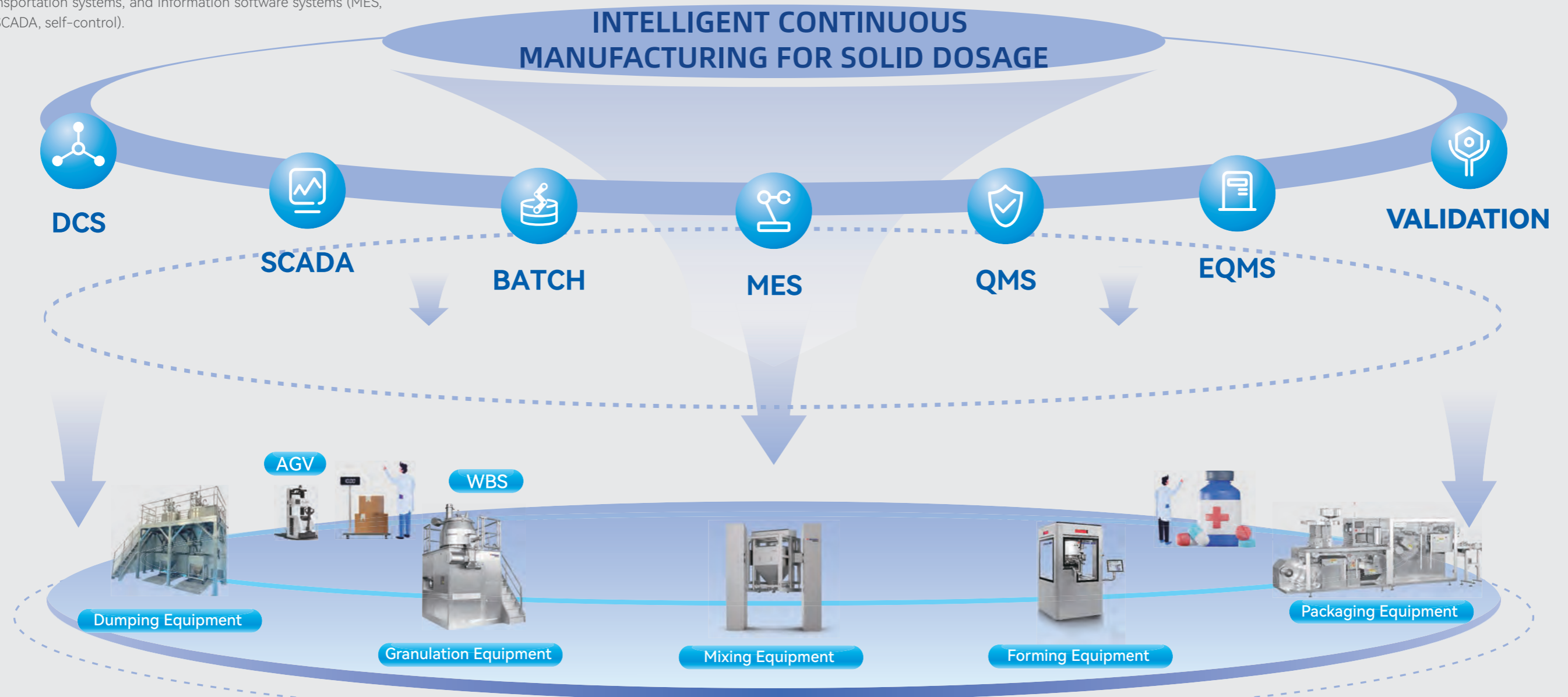
We provide integrated automatic warehouse system solutions for various industries such as pharmaceuticals, tobacco, food, manufacturing, e-commerce, express delivery, and third-party logistics. The main products include automated feeding systems for biological extraction, intelligent logistics transfer systems for production workshops, robots/AGV, shuttle cars, warehouses, WMS, WCS etc.



PHARMACEUTICAL DIGITALIZATION SOLUTION

OVERVIEW

Provide the entire process from raw materials to finished products for the pharmaceutical industry, based on high-end intelligent equipment and combined with 5G+Internet of Things AI. Advanced technologies such as big data enable a new type of digital factory for intelligent production. This includes services such as smart factory planning and consulting, intelligent equipment, automated logistics and transportation systems, and information software systems (MES, Batch, SCADA, self-control).



27/28

ONE STOP SOLUTION FOR ENGINEERING AND CONSULTING SERVICES

ONE STOP SOLUTION FOR ENGINEERING AND CONSULTING SERVICES

- COMPLIANCE DESIGN
- CLEAN ROOM SYSTEM
- HVAC
- ELECTRICAL SYSTEM
- AUTOMATIC CONTROL SYSTEM
- PROCESS AND CLEAN PIPELINE SYSTEM
- UTILITY PIPELINE SYSTEM
- COMPLIANCE VALIDATION
- ENGINEERING PROJECT MANAGEMENT



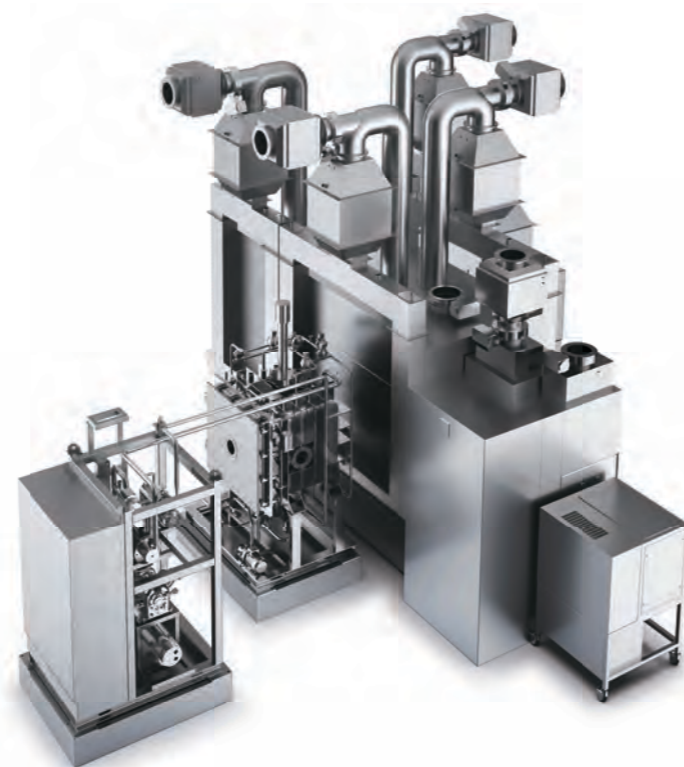
LYOPFILIZER & VIAL LINE

Isolated Filling/Lyophilization System

The compact isolated system for the purpose of lyo cycle development, pilot or small scale production could be provided, consists of the upstream and downstream modules such as filling/plugging, stopper/capper feeding, VHP transporting container, external washing (if applicable) etc.

Design Features:

- Suitable for R&D or small scale production for dealing with sterile/toxic products, such as cytotoxic, high potent products, ADC, Mab, biological products, etc.
- It is compatible with RTU (ready-to-use) containers, which do not need vial washing machine, stopper washing machine, sterilization tunnel, etc. This reduces operator workload, minimizes the system footprint, and shortens process cycle.
- Integrate filling for different containers as vials, pre-filled syringes, and cartridge is available.
- The lyophilizer with slot door is integrated.
- The integration of washing module for external wall of vials is available upon the request.



Automatic Loading and Unloading System for Vials

- "Front-in, front-out" design, no bellows required
- Working with the slot door of lyophilizer, constant loading height
- Integrated with vial filling line and oRABS/isolator
- Smooth 'handshake' for both mechanism and communication with upstream and downstream equipment
- Compliant with FDA/GMP requirements



**LOVE IS
PERSISTENCE**

Persist in science and
technology innovation

Canaan

TECHNOLOGICAL INNOVATION

1500+

Canaan always pays attention to users' satisfaction, so we build a pharmaceutical simulation laboratory in our company to carry out solid dosage experiments. We build a practical granulation case base which successfully provides over 1500 enterprises with more intelligent and user-friendly solutions for Chinese and western medicine granulation.

1000+

Canaan has undertaken 16 provincial research projects such as the National Innovation Fund Project, National Key New Product Project and the State Torch Plan, owning more than 1000 national patents with more than 100 invention patents (including 3 American patents). In addition, Canaan has drawn up 8 industrial standards independently.



LOVE IS PROMISE

Create values for customers, provide one-stop service

FULL LIFE-CYCLE

Canaan regards "meet customers' individual needs" and "increase customer' s satisfaction" as the core product and service standard. Our service covers the entire pharmaceutical production life-cycle from consultation, design, engineering, construction, installation, commissioning and maintenance, etc.



QUALITY CONTROL

Canaan effectively uses ISO9001 environmental management system and ISO3834 welding quality system, strictly conducts quality control standards and regulates inspection process for raw materials purchased from outside, machinery processing, assembly, commissioning, inspection and finished equipment delivery. In addition, we establish a long-term quality supervision system to know customers' satisfaction and continuous to improve our equipments' quality.

- ISO9001
 - ISO14001
 - ISO3834
-





SERVICE RESPONSE

24hr

Canaan service center provides 7*24 hours hotline&internet message service to ensure you can get our help at anytime or anyplace. Besides, we have a professional and experienced technical team that will solve your problems timely. Our service mechanism of 24-hour response and one-stop solution will offer you with a professional and efficient service.



SERVICE SYSTEM

With high-efficient team integration, flexible and orderly cooperation system, professional technical support, detailed communication and complete info system, we meet your individual needs and provide you with accurate and best solution.



24-hour response



One-stop solution

ENGINEERING CASES



ENGINEERING CASE



LOVE IS HONESTY.

Make rule for the industry, provide service for the global

Customer's desires and needs are our driving force.

Canaan can provide customers with one-stop technology, products and process test services and solutions.

Our marketing network covers over 60 different countries and areas, such as the US, Canada and Brazil.



The US, Canada, Australia, the South Korea, Japan, Thailand, Indonesia
 Bangladesh, Pakistan, Turkey, Iran, Jordan, Iraq, India
 Germany, Italy, Spain, Greece, Belgium, the UK, Serbia, Russia, Belarus
 Mexico, UAE, Brazil, Peru, Ecuador, New Zealand
 Algeria, Tunisia, Egypt, Morocco, South Africa, Kenya, Nigeria, Tanzania

Cooperative Customers

Pharmaceutical Industries



Food and Cosmetic Industries

