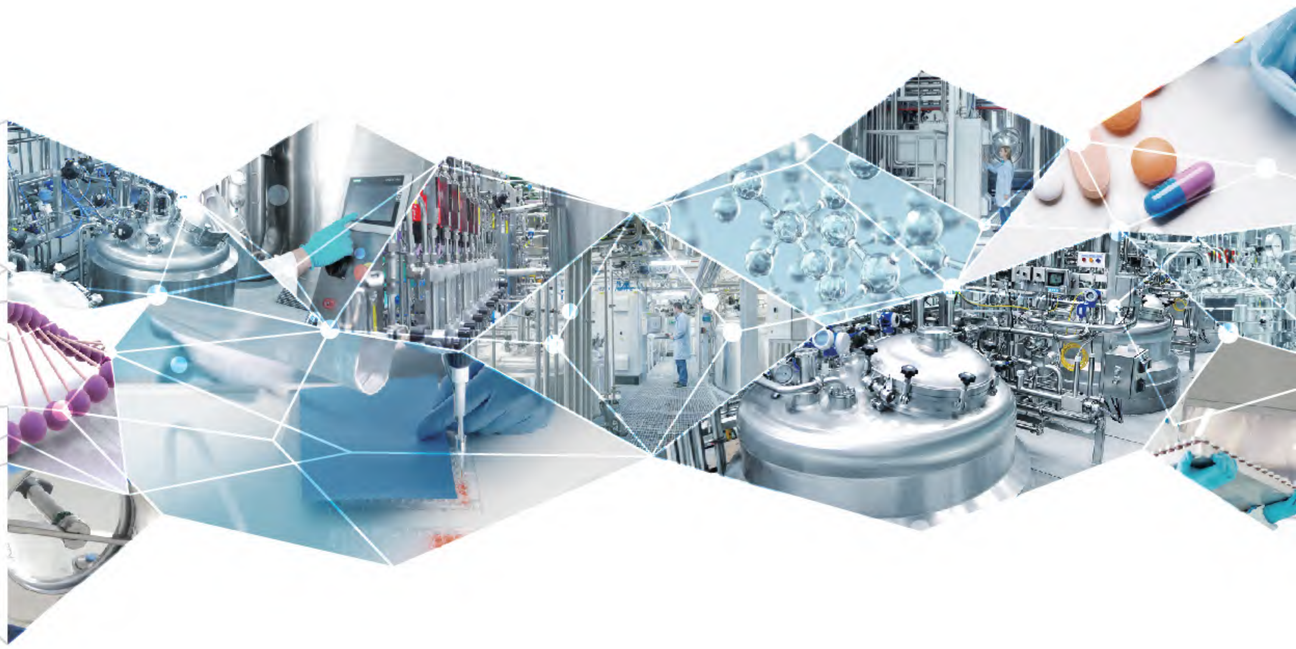
From Core Equipment to Total Process Solutions

MORIMATSU
Your Needs · Our Drive



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www.morimatsu-LifeSciences.com

About Morimatsu

From the start in Japan, Morimatsu has grown and today is a diversified multinational corporation with vast experience and professional know-how in fields of process engineering equipment as well as modular engineering solutions. Our company has established long-term collaboration relationships with numerous well-known global corporations. We have companies in Sweden, Italy, US, India, Singapore, together with the large scale operation and manufacturing facilities in Asia. So far, Morimatsu has delivered projects to more than 40 countries/regions in the world, established an excellent industrial reputation in the process.

Morimatsu is dedicated in providing core equipment, process systems, integrated engineering solutions, modular plants, and digital operations for life sciences, fast-moving consumer goods, and aesthetics industries.

Our highly skilled professional teams, which include project managers, design engineers, validation experts, and operational technicians, continuously bringing clients the most advanced industrial concepts as well as cutting-edge technologies.

Corporate Culture

Our Vision

To be a global leading supplier for core equipment, process systems, and integrated engineering solutions.

Our Mission

To provide reliable products and services with our continued innovations that enables more people to live in a healthier, and more beautiful and convenient world.

Our Value

Human Oriented with Respect

Society, our company, its employees, and their families has formed a community of shared future. Morimatsu is a people-oriented organization that provides opportunities, advancements, and respect for its employees towards mutual-growth.

Client First for Partnerships

The client's needs drive our company's growth and development. To constantly provide outstanding products and excellent services for our clients is the foundation on which the company's value is forged. Morimatsu proudly serves our clients through close collaborations, strong partnerships, and win-win prospects.

Brand of Morimatsu: Standing Out for Outstanding

Craftsmanship is the company's spirit for perfect quality and professionalism, which assures that no detail will be ignored. We are constantly pursuing client satisfaction with firm commitments and lasting devotion.

Innovating for Sustainability

Innovations empower the sustainable growth of our company, which also satisfies both internal and external needs for constant changes and evolution.

Advantages

One-stop service

We provide one-stop solutions, including consultation for regulatory affairs, engineering design, project management, modular construction, on-site installation, and commissioning support as well as validation services, all of which help clients reduce communication interfaces and project risks while delivering efficiency and ensuring project quality.

Familiar with GMP regulations

Keeping up with the latest global GMP development trends, Morimatsu enables its clients to meet the GMP requirements. Furthermore, thanks to our extensive professional knowledge and experience, we can interpret and help meet the GMP requirement standards of U.S. Food and Drug Administration (FDA), European Medicines Agency (EMA) and WHO. We have delivered multiple successful projects that has passed GMP inspections by the EMA as well as the FDA.

At the same time, our knowledge of various global regulatory standards and guidelines issued by the ASME BPE, ISPE, ICH, PDA, etc., helps us to accurately implement diverse technical specifications and standards for the pharmaceutical and other industries.

Excellent product quality

Morimatsu is committed to better craftsmanship, pursuing perfection, and mastering advanced international design concepts to ensure the progress and reliability of the systems it delivers. All of which improves work efficiency, product quality and safety. Irrespective of the scale or location of a project, our superior product quality attracts clients to choose us as their long-term cooperative partner.

First-class project team

As a multinational company, we are proud to have project execution team comprising engineers from Asia, Europe, and North America to provide seamless, customized solutions for our clients. Our teams can quickly adapt to constantly evolving international regulations and closely follow new cutting-edge technology concepts. Our teams are also skilled at understanding client suggestions and demands and can optimize schemes, designs, and production processes accordingly.

Advanced management platform

Morimatsu is one of the first engineering manufacturing companies to introduce information platforms. Through the digital information platform, our internal ERP management system can connect with various professional software or systems, thus ensuring smooth and precise project implementation.

With the help of advanced digitization and information management systems, we can ensure the efficiency of project execution, integrity and traceability of project status and project data.

Outstanding project delivery performance

Many of our clients are leading industrial players. Through close cooperation with them, we continuously explore, optimize, and innovate our designs, fabrication, project management and documentation. Successful project deliveries not only gained Morimatsu an excellent reputation in the industry but also made us a world-class supplier: the first choice of clients who pursue high quality.

"I love this kind of innovation! Fantastic.
This is real competitive advantage."
——client's comments to our new innovative modular approach

"From my experience I can only recommend considering Morimatsu in future project, as they have proven they not only have drastically improve their efficiency and quality but are capable of surmounting challenging situation in a professional way."
——client's comments to our capability to address challenges

"The design and project management team have worked above nd beyond what has been expected from them."
——client's comments to our team dedication

"Thanks for an incredibly strong team effort, I am convinced that we will continue to have a successful project at site."
——client's comments to our team

I would like to thank Morimatsu's team for delivering a thorough and successful project. During all phases of the project execution Morimatsu staff provided professional detailed engineering, high quality fabrication and cooperative commutation between teams, which contributed to the on-time delivery to our job site with excellent quality.
——clients comments to our successful project delivery

Industry and Service

Overall engineering solution

Morimatsu provides one-stop solutions including design engineering, module construction, on-site installation and commissioning, quality assurance and validation and digital services, which would help customers reduce communication interfaces and improve the controllability and efficiency of project execution.

Our areas of expertise:

- Bio-pharma
- Chemical API
- Solid Dosage
- Liquid Dosage
- Fast Moving Consumer Goods
- Electronics
- Data Center

We provide the following professional service

Design

- Front End Design
- Process design
- Modular Design
- Plant design
- Automation

Management & Construction

- Project Management
- Risk Management
- Document Management
- Procurement
- Equipment Fabrication
- Modular Assembly

Commissioning & Qualification

- Risk Assessment
- Commissioning
- Qualification
- Validation Management
- GMP Compliance Consultancy
- Regulatory Affairs Consultancy

After Sales Support

- Spare parts
- Software and hardware upgradation
- Routine inspection and maintenance
- Visual operation and maintenance
- Reporter and MES upgrade
- Pickling passivation, red rust treatment etc.

Product Introduction

Biopharmaceutical Industry

The biopharmaceutical industry has become the most important industry of the 21st century, with several key features such as high product value, large investments, long production cycles, high profits but also high risks. Our leading customers have always focused on reducing investment, optimizing time-to-market, and ensuring safe production. By optimizing process upgrading, production scheduling and plant layout, Morimatsu can help clients achieve efficient and reliable production processes. At the same time, our modular solutions offer clients one-stop turnkey solutions to maximize the speed of launching products on the market.

Morimatsu has always been dedicated to the biotech Industry and is able to bring in a global team of project execution experts for its life science clients. Members of our international team include engineering experts with more than 20 years of extensive professional experience in this field.

The advanced nature and regulatory compatibility of our designs meet the production processes as well as CIP/SIP needs of our clients, which means easy operation and maintenance. As the upstream-to-downstream total solution provider, we help clients eliminate unnecessary communicating interfaces, thereby facilitating project management and delivery.

We provide overall upstream and downstream process systems:

- Bioreactor/fermentation system
- Media preparation system
- Harvesting system
- Purification system
- Sterile formation preparation system
- Buffer preparation and storage system
- Inline Conditioning System
- Inactivation and CIP workstation system
- Single-use magnetic mixing system
- Single-use storage system

1 Media Preparation

2 Cell Cultivation

3 Buffer Preparation

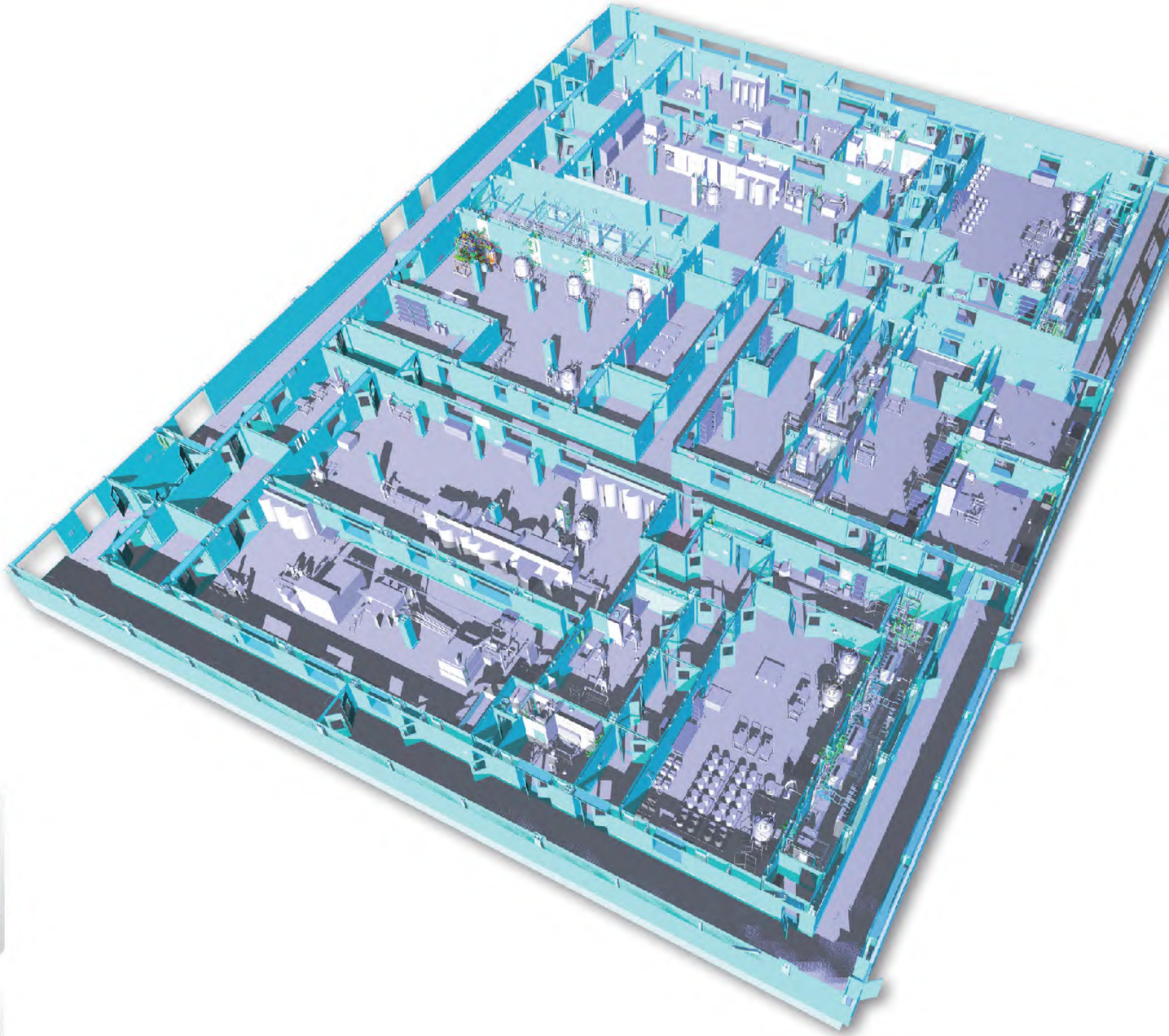
4 Harvest

5 Purification

6 Fomulation

7 Biowaste

8 CIP station



Pharma Industry

One of the main objectives of the Pharmaceutical Industry is to provide affordable medicine to people around the world.

In future the pharmaceutical factories need to have high flexibility, faster changeover time, and safe production capabilities.

Morimatsu provides the most advanced engineering technology to help customers overcome challenges in production, deliver a variety of products at lower cost and also help them to find the best solutions to produce safe and affordable medicine to people around the world.

Liquid Dosage

Preparation system

Solid Dosage

Wet granulator and multifunctional fluidized bed

API

Crystallizing tank

Multifunctional filter

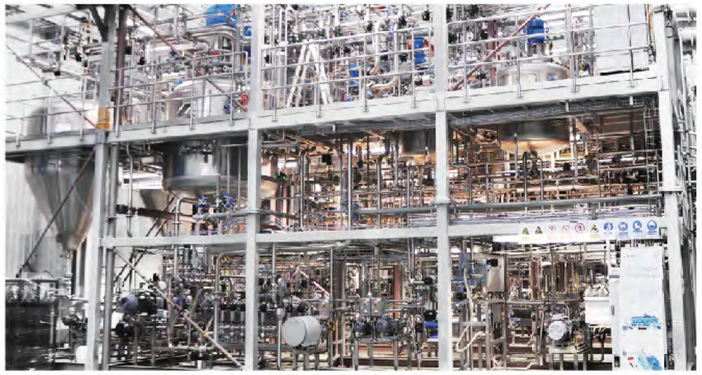
Fast-Moving Consumer Products

The fast-moving consumable goods industry is facing new challenges such as frequent product change-overs and rapid formulation upgrades. For our clients, achieving quick and flexible switching among diversified products, while still improving production efficiency, ensuring good quality and reducing costs, is vitally important. To meet these requirements, Morimatsu offers diversified process designs to enhance system applicability plus flexible production approaches. This allows us to provide customized solutions to facilitate the diverse needs of small-to-medium pilot production as well as commercial manufacture.

Morimatsu has focused on the fast-moving consumer goods industry for more than 20 years, accumulating extensive project experience as well as advanced concept ideas. By mixing expertise, CFD simulation software and a complete agitator lab, we help clients design the most applicable impeller to optimize process and mixing performance and ensure product quality.

We serve in the field of home care, personal care, food and spices:

- Raw material storage and processing system
- Mixing and homogeneous system
- Material handling system
- Storage tank system



From Concept to Production
Pharmadule Morimatsu helps you to realize total solution.

Pharmadule Morimatsu has successfully completed more than 80 production facilities projects within the pharmaceutical and biopharmaceutical industries, as well as over 300 engineering design and validation solutions since its establishment in 1986.

With extensive experiences in international project delivery and the familiarity with regulatory requirements in different regions, Pharmadule Morimatsu continues to provide a range of engineering solutions to pharmaceutical and biopharmaceutical clients worldwide as well as to make contributions to the treatment for global patients.

We have rich experiences in GMP certification for US FDA, European EMA, China NMPA and WHO. Our great professionalism and excellent product quality are highly recognized by customers around the world.

Through continuous product and technology innovation, we take your products to market faster, reduce overall production costs, ensure the successful delivery of your projects, and ensure the safe use of your products by patients.

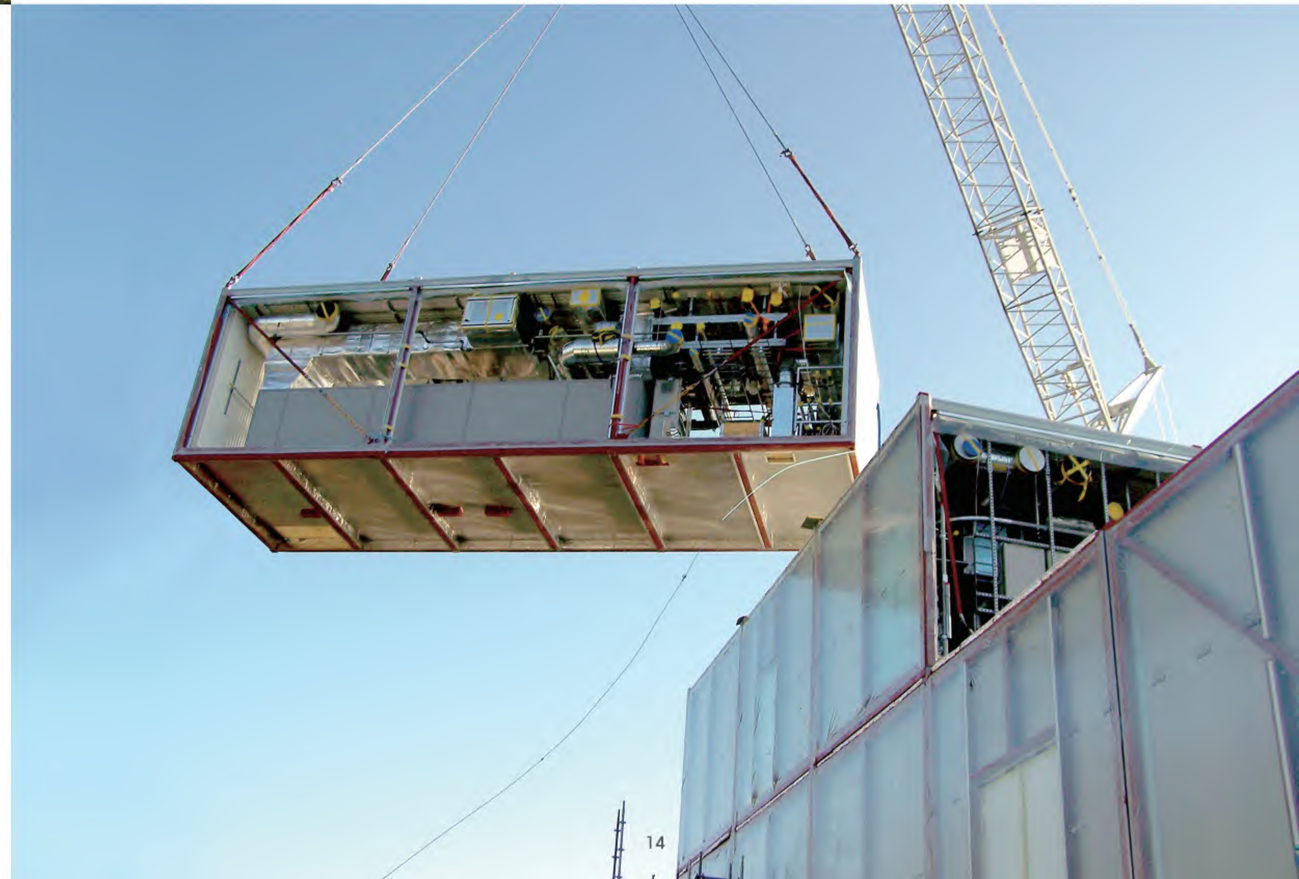
Pharmadule Morimatsu Modular Facility

Fast Project Delivery

-Shorter delivery time (3-24 months shorter than conventional projects)
-Time-saving for investment decisions
-Time-gaining for process development

Effective Controllability

-High certainty of cost, schedule, quality and construction safety
-Environmentally Green, maximumly shorten on-site construction time (80-85% completed in workshop)

Intelligent & Flexible Solutions

-Digitalized Intelligent factory
-Easy to rebuild, highly scalable, addable, relocatable modules
-Compete integration of full-fidelity digital factory with real time digitalized operation