



ENKA

With metal to the future...

PROMOTIONAL CATALOG

2026



ENKA

With metal to the future...



Goes to the
website!

www.enkapaslanmaz.com 

info@enkapaslanmaz.com 

+90 546 621 80 58 

OFFICE: 

Zafer Mahallesi
Cumhuriyet Bulvarı
No: 5-7 T-2
Çorlu/Tekirdağ/Türkiye

MANUFACTURE: 

Hatip Mahallesi
1708. Sokak
Kervancı-1 Sanayi Sitesi
NO: 1 E-5
Çorlu/Tekirdağ/Türkiye

Contents

Who are we?	3
-------------	----------

Our Services	4
--------------	----------

Our Products	5
Storage Tanks	5
Liquid Mixers	9
Powder Mixers	11
Chemical Reactors	13
Pilot Reactor Units	15

Process Systems and Turnkey Solutions	17
Chemical Process Plant Installation	17
Food Production Facility Installation	21

Optional Auxiliary Products	25
-----------------------------	-----------

Information Tables	30
--------------------	-----------



ENKA

With metal to the future...

ABOUT US

Who are we?

As ENKA Stainless and Machinery, we serve numerous industries—primarily food, chemical, cosmetics, and pharmaceutical sectors—with our steel and stainless-steel products as well as our turnkey project solutions. Our strength comes from 22 years of experience and our commitment to quality and honest service.

In addition to our experienced management team, we prioritize customer satisfaction and quality with our young and dynamic staff. By combining our long-standing expertise with our motto 'Shaping the future with metal,' we blend innovative and traditional approaches to deliver solutions tailored to our customers' needs.

OUR MISSION

Our mission is to fully understand the needs and expectations of our customers and to offer the most accurate, most economical, and most comprehensive products without compromising on quality. We aim to manufacture machines that meet industry requirements at world standards—regardless of the sector—and to base our existence on the principle that customer satisfaction is always above everything else.

With this principle guiding our approach, our vision is to become one of the leading companies in Türkiye in our field and to export our products to many countries around the world.

OUR VISION

Our vision is to become a globally recognized and sought-after organization—one whose reliability is unquestioned and whose products and services never compromise on quality. We aim to be a company that competitors look to as an example in every aspect, a manufacturer that creates distinction by integrating new technologies and innovation into its products, and ultimately, one of the world's leading machinery producers.

OUR SERVICES

➔ Project Assistance and Consulting

- Process analysis
- Capacity planning
- Technical feasibility support

➔ Design & Engineering

- 3D modeling
- Process flow diagrams
- Technical drawing and material selection

➔ Production and Manufacturing

Manufacturing of equipment and systems in our own facilities in accordance with industry standards.

➔ Assembly and Commissioning

Installation of the products on site, completion of all connections, and bringing the system into full operational condition.

➔ Modernization and Revision

Capacity enhancement of existing systems, automation integration, or equipment upgrade services.

➔ Project Manufacturing and Management

➔ 3D/2D CAD/CAM Drawing

➔ Engineering Services

➔ Turnkey Plant Installations

➔ Automation and Integration

➔ Training and Operator Support



Storage Tanks

➔ Which Industries Is It Used In?

Chemical and Cosmetics Industry:

- Cosmetic Products
- Textile Chemicals
- Adhesive and Glue Products
- Detergent and Cleaning Products
- Paint and Ink Products
- Water Treatment Products
- Petrochemical Products

Food Industry:

- Carbonated Beverages
- Dairy Products
- Alcohol and Alcoholic Beverages
- High-Viscosity Food Products
- Powdered Products
- Fruit Juices
- Confectionery Products

Pharmaceutical Industry:

- Powdered Products
- Liquid Products
- Chemicals



Storage Tanks

➔ Features

Stainless steel storage tanks are designed to safely store liquid and semi-fluid products and to ensure smooth transfer into the process flow.

With their durable structure, long service life, and hygienic surface properties, they provide high performance in industrial storage applications.

Each tank is manufactured with a volume and design tailored to its intended use, and is specifically engineered to enhance process efficiency and simplify maintenance.

➔ Options

- Production options in various volumes and dimensions
- Heating or cooling jacket
- Rollbond cooling system
- Insulated or non-insulated body design
- Material options: AISI 304, 316, ST-37, or special alloy stainless steels
- Level indicator, nozzles, sensors, and connection options
- Mobile or fixed body alternatives



➔ Rollbond-cooled tanks

Rollbond technology allows the production of cooled tanks that offer high heat-transfer efficiency and uniform surface cooling. Since the cooling channels are pressed directly into the metal surface, these tanks are more durable, lighter, and more energy-efficient compared to traditional jacketed systems.

They can be manufactured in various volumes and temperature ranges. Rollbond-cooled tanks can be safely used in any application requiring precise temperature control, including dairy, beverage, chemical, and pharmaceutical processes.

➔ Food Grade Storage Tanks

Stainless steel storage tanks designed for the safe preservation of liquid and semi-fluid food products are manufactured in compliance with high hygiene standards. Their smooth inner surface, easy-to-clean structure, and long-lasting durability ensure complete food safety.

They can be produced in various volumes with optional mixing systems or temperature-controlled configurations. These tanks provide ideal solutions for storing milk, fruit juice, oil, syrup, sauces, and similar food products.



➔ Chemical Storage Tanks

These tanks are designed for the safe storage and pre-process holding of chemical substances and are manufactured from stainless steel or special alloy materials with high corrosion resistance. They provide reliable solutions for the long-term storage of acids, bases, solvents, and other aggressive chemicals. Each tank's design is customized according to the specific properties of the chemical and the requirements of the process.





➔ Silos

Silos are designed for the safe and organized storage of powders, granules, and bulk raw materials, and are manufactured from high-strength materials. Depending on the product characteristics, they can be produced from stainless steel, carbon steel, or aluminum. Their design prioritizes flow efficiency, easy discharge, and compliance with hygiene standards.

➔ Pressure Vessels

Pressure vessels are designed for safe storage and transfer in processes operating under high pressure, and are manufactured with a focus on durability and leak-proof performance. These tanks are engineered to comply with various pressure classes, ensuring the secure containment of gases, liquids, or chemical substances. International standards and testing procedures are rigorously applied throughout the manufacturing process.



➔ Tank Farms

Tank farms, formed by assembling tanks of the same or varying capacities and specifications, provide ideal solutions for the bulk storage and management of liquid or chemical raw materials. These systems are designed according to the needs of the facility, with a strong focus on safety, efficiency, and automation compatibility.

The installation process is carried out in full integration with piping, pumping, and control systems, ensuring seamless alignment with the process flow.





Liquid Mixers

➔ Which Industries Is It Used In?

Chemical and Cosmetics Industry:

- Creams and Lotions
- Perfumes and Fragrances
- Textile Chemicals
- Adhesive and Glue Products
- Detergent and Cleaning Products
- Paint and Ink Products
- Water Treatment Products and Processes
- Petrochemical Products

Food Industry:

- Carbonated Beverages
- Dairy Products
- Alcohol and Alcoholic Beverages
- High-Viscosity Food Products
- Powdered Products
- Fruit Juices
- Confectionery Products

Pharmaceutical Industry:

- Syrups
- Gels
- Disinfectants
- Pharmaceutical Solutions



Silicone Mixer



Paste Mixer

Liquid Mixers

➔ Features

Our industrial mixers are designed to homogenize, dissolve, or prepare liquid and semi-fluid products of varying viscosities for processing or reaction.

With their stainless-steel body, high durability, and adaptable design tailored to process requirements, they provide a long-lasting and reliable solution.

Each mixer is equipped with blade types, speeds, and volume options optimized according to the characteristics of the product, ensuring maximum efficiency. Their easy maintenance and hygienic surface quality deliver dependable performance throughout production processes.

➔ Options

- Various volume, motor power, and speed options
- Multiple mixer types
- Heating or cooling jacket design
- Rollbond cooling system
- Insulated or non-insulated body options
- Material options: AISI 304, 316, or special alloy stainless steels
- Level indicator, temperature sensor, nozzles, and connection options
- Explosion-proof motor and actuator systems (Ex-proof option)



Powder Mixers

➔ Which Industries Is It Used In?

Chemical and Cosmetics Industry:

- Detergent
- Powder Soap
- Pigments
- Filler Materials
- Perfume Bases
- Cement-Based Mixtures
- Mortar and Plaster Mixtures
- Masterbatch

Food Industry:

- Flour
- Sugar
- Spices
- Milk Powder
- Coffee
- Cocoa

Pharmaceutical Industry:

- Powdered Medicine Premixes
- Nutritional Supplement Blends
- Pharmaceutical Powder and Granule Mixtures



Powder Mixers

➔ Features

Our powder mixers are designed to homogeneously blend dry materials with varying densities and particle sizes.

The mixing blades, optimized according to the product's characteristics, provide high mixing efficiency and short processing times.

With their stainless-steel body, durability, and hygienic surface quality, they offer long-lasting performance. Their design ensures easy maintenance and cleaning, supporting continuity and consistent quality throughout production processes.

➔ Options

- Various volume, motor power, and speed options
- Multiple mixer types
- Top or bottom discharge system
- Material alternatives: AISI 304, 316, ST-37, or special alloy stainless steels
- Dust-proof cover, safety sensors, and level indicator options
- Integration capability with automatic feeding and discharge systems
- Explosion-proof motor and actuator systems (Ex-proof option)



Chemical Reactors

➔ Which Industries Is It Used In?

Chemical and Cosmetics Industry:

- Creams and Lotions
- Perfumes and Fragrances
- Textile Chemicals
- Adhesive and Glue Products
- Detergent and Cleaning Products
- Paint and Ink Products
- Water Treatment Products and Processes
- Petrochemical Products

Food Industry:

- Flavor and Additive Synthesis
- Syrup Preparation
- Enzymatic Reactions and Preparation of Special Blends

Pharmaceutical Industry:

- Syrups
- Gels
- Pharmaceutical Intermediates



Chemical Reactors

➔ Features

Our chemical reactors are designed to ensure that chemical reactions in various processes are carried out safely, efficiently, and under precise control.

Their high-strength stainless-steel body, combined with integrated mixing and heat-transfer systems, enables accurate management of temperature, pressure, and reaction conditions.

Each reactor can be custom-designed according to process requirements, enhancing continuity, quality, and safety standards across the production line.

➔ Options

- Various volume, pressure, and temperature resistance options
- Jacketed (heating/cooling) or insulated designs
- Reactor options with mixing systems or static configurations
- Automatic temperature and pressure control systems
- Material options: AISI 304, 316, or special alloy stainless steels
- Explosion-proof motor and actuator systems (Ex-proof option)
- Process sensors, level indicators, and connection accessories
- Hygienic interior surface design compatible with CIP systems



Pilot Reactor Units

➔ Which Industries Is It Used In?

Chemical and Cosmetics Industry:

- New Formulation Trials
- Reaction Kinetics Tests
- Mixing Dynamics Studies
- Polymerization
- Catalyst Development
- Process Optimization
- Flavor Synthesis
- Cream and Emulsion Testing

Food Industry:

- Flavor Synthesis
- Additive Blend Testing
- New Product Development

Pharmaceutical Industry:

- Fermentation
- Bioreaction
- Enzymatic Processes
- Pre-production Studies for Syrup and Pharmaceutical Solutions



Pilot Reactor Units

➔ Features

Our pilot reactors are designed for small-scale testing and optimization of chemical, biotechnological, and pharmaceutical processes in laboratory and R&D environments. These systems can precisely simulate real production conditions, providing reliable data for scale-up processes.

With their compact structure, precise control systems, and high-quality standards, they offer maximum efficiency during both research and pre-production trial stages.

➔ Options

- Production options in various volume ranges
- Heating and cooling jacketed structure
- Automatic temperature, pressure, and mixing control
- PID-controlled or PLC-based automation system
- Various mixer types
- Material options: AISI 304, 316L, or special alloy stainless steels
- Pressure-resistant body and safety equipment
- Hygienic design compatible with CIP/SIP systems
- Sampling port, gas inlet, and condensate discharge lines
- Portable design option on a mobile chassis



Chemical Process Plants

➔ Which Industries Is It Used In?

Chemical and Cosmetics Industry:

- Detergent and Cleaning Product Production
- Textile Chemical Production
- Paint and Ink Production
- Resin, Adhesive, and Solvent Production
- Cream, Perfume, and Lotion Production
- Water Treatment Product Manufacturing
- Petroleum Products and Polymer Production



Chemical Process Plants

➔ Features

We establish turnkey chemical plants with storage tanks, mixers, reactors, and other process equipment customized to your needs.

All stages of design, manufacturing, installation, and commissioning are planned according to your process requirements. Each facility is engineered to match your production capacity, product structure, and safety standards. With our engineering expertise and production infrastructure, we transform your chemical production lines into safe, efficient, and sustainable systems.

➔ Options

- Process-specific system design based on process analysis
- Fully stainless-steel equipment infrastructure
- Integration of heating, cooling, and mixing lines
- Automation and control systems (PLC / HMI applications)
- Installation of CIP systems and cleaning lines
- Manufacturing of platforms, piping, and valve systems
- Explosion-proof motor and actuator systems (Ex-proof option)
- On-site installation, commissioning, and operator training



➔ Heating Systems

- Hot Oil
- Steam
- Hot Water
- Electric Heater / Electric Resistance

➔ Cooling Systems

- Chiller
- Cooling Tower



➔ Production Machines

- Reactors
- Mixers
- Decanters
- Condensers
- Heat Exchangers
- Storage Tanks & Other Production Machines.





➔ Scada Room

- Process Control
- Recipe and SCADA System
- Remote Access and Monitoring System

➔ Platform & Plumbing

- Heating, Cooling, Air, and Product Transport Systems
- Steel Construction Platforms and Stair Structures



➔ Scrubber & Vacuum System

- Gas Scrubbing Systems
- Acid and Alkali Treatment Systems
- Vertical and Horizontal Scrubber Units
- Neutralization Units
- Odor Removal and Filtration Systems
- Vacuum Lines and Condensate Separators



Food Production Facilities

➔ Which Industries Is It Used In?

Food Industry:

- Carbonated Beverage Production
- Dairy Product Production
- Alcohol and Alcoholic Beverage Production
- Fruit Juice Production
- Ready Packaged Food Production
- Sauce, Syrup, and Additive Production
- Dessert, Chocolate, and Bakery Product Production
- Herbal Product and Oil Production



Food Production Facilities

➔ Features

We build turnkey food production facilities equipped with stainless steel storage tanks, mixers, heating-cooling systems, production vessels, and complete process lines.

All systems are designed according to the characteristics of the product to be manufactured, hygiene standards, and required production capacity. At every stage—design, manufacturing, installation, and commissioning—processes are carried out with precision.

Designed with a focus on food safety, efficiency, and sustainability, our facilities transform your production processes into a modern, controlled, and high-standard operation.

➔ Options

- Product-based custom process design
- Fully stainless-steel equipment and piping infrastructure
- Integration of heating, cooling, and mixing systems
- Hygienic design, CIP cleaning lines, and food-grade equipment
- PLC/HMI-based automation and process control systems
- Fabrication of platforms, valves, and connection systems
- Explosion-proof motor and actuator systems (Ex-proof option)
- On-site installation, commissioning, and operator training services



➔ Heating Systems

- Hot Oil
- Steam
- Hot Water
- Electric Heater / Electric Resistance

➔ Cooling Systems

- Chiller
- Cooling Tower



➔ Production Machines

- Cooking Kettles
- Mixing Kettles
- Melting Kettles
- Resting Tanks
- Foaming and Carbonation Systems
- Vacuum Tanks & Vacuum Cooking Units





➔ Scada Room

- Process Control
- Recipe and SCADA System
- Remote Access and Monitoring System

➔ Complementary Machines

- Packaging Machines
- Filling Systems
- Conveyor Systems
- Pasteurizers
- Homogenizers



➔ Plumbing Systems

- Heating, Cooling, Air, and Product Transport Systems
- CIP Systems (Clean-in-Place Systems)





➔ Optional Auxiliary Products

The products in this section can be integrated into your facility or system as additional components. These units can also operate independently, but when incorporated as part of your overall process, they enhance functionality and efficiency

➔ Laboratory-Type Mixers

Laboratory mixers are designed for small-scale processes, R&D studies, and pilot production lines. With precise speed control and various mixing blade options, they ensure homogeneous mixtures. Hygiene and durability are prioritized through the use of stainless steel or laboratory-grade materials.



➔ Paste Mixers

These systems are designed for the homogeneous mixing of high-viscosity, paste-like, or dough-form products. With powerful drive mechanisms and specially designed mixing blades, they provide effective blending even in highly viscous materials. Their stainless-steel body ensures hygiene and durability.

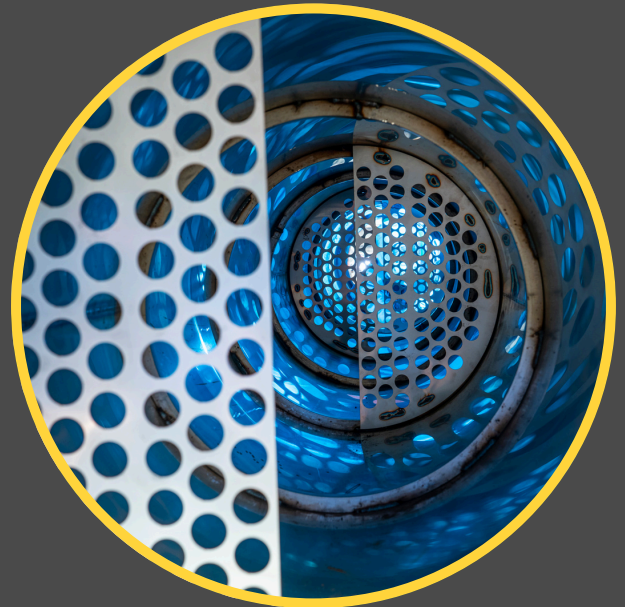


➔ Foulard Drying Presses

Machines used in fabric production and processing to control moisture content by squeezing and drying the fabric between two rollers. With high-precision roller adjustments and a controlled pressure system, they help maintain the dimensional stability of the fabric. Their durable and stainless structure ensures long-term, reliable operation.

➔ Thermoblock Systems

These are thermal systems designed for processes that require high-temperature drying, cooking, or heat application. They ensure controlled heating of products, resulting in uniform outcomes. Their durable and insulated body prioritizes energy efficiency and safety.



➔ Autoclave Systems

These systems are designed for processes requiring sterilization and high-pressure heat treatment. They ensure the safe and hygienic sterilization and cooking of liquid, semi-fluid, or solid products. Their pressure- and temperature-controlled design allows consistent and reliable results.





➔ Heat Exchangers

Heat exchangers used in processes requiring heat transfer ensure efficient and safe heat exchange between liquid or gas fluids.

With stainless steel and other durable material options, they offer long-lasting performance.

The design is optimized according to the capacity and temperature requirements of the process.

➔ Mobile Mixers and Vessels

Portable mixers and vessels that can be integrated flexibly into the process line offer mobile solutions for use in different production areas.

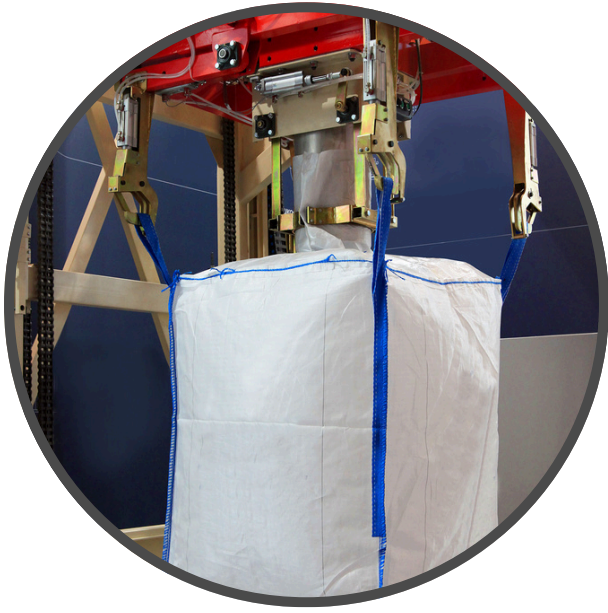
Thanks to their stainless-steel body and wheeled design, they can be moved easily.

They can be used for process operations such as mixing, heating, or cooling.



➔ IBC Transport Systems

Systems designed for the safe and efficient transportation of liquid or semi-fluid products. They are manufactured in compliance with industrial standards and are compatible with IBC containers. Easily movable with a forklift or crane, they prioritize product safety and operational efficiency during transport.

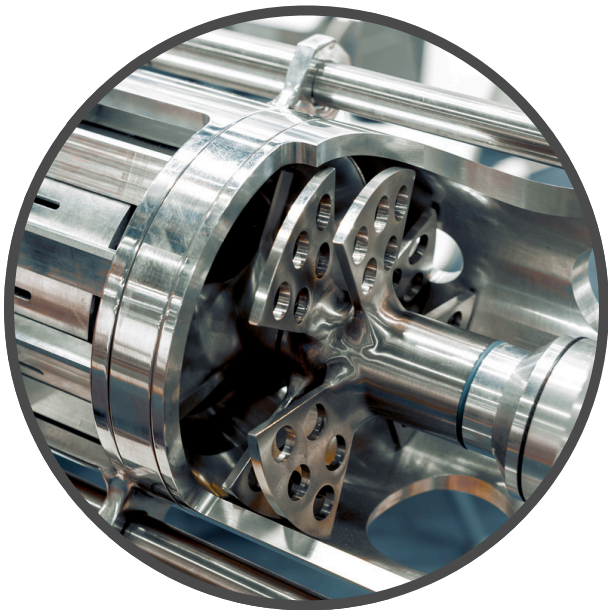


➔ Big Bag Filling and Discharging Systems

These systems are designed for the safe and fast filling and discharging of powder, granule, or semi-fluid products. Their operator-focused safety design increases process efficiency and minimizes product loss.

➔ Filtration Systems

These systems are designed to remove particles, sediments, and unwanted substances from liquid and semi-fluid products. They operate with high efficiency in accordance with the hygiene and quality standards of the process. Manufactured using stainless steel and durable materials, they ensure long-lasting and safe operation.



➔ Homogenizers

These systems are designed to reduce particle size in liquid and semi-fluid products and to make the mixture fully homogeneous. With high-pressure operation and special membrane technology, they ensure efficient dispersion, improving product quality and stability. Their stainless-steel body prioritizes hygiene and durability.



➔ Scrubber Systems

These are systems designed for the safe treatment of gases and particulates generated in chemical processes. They effectively neutralize acidic, basic, and dust-laden gas emissions, ensuring compliance with environmental standards.

Their durable material construction and hygienic design provide long-lasting and reliable operation.

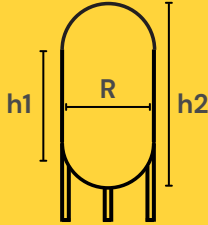
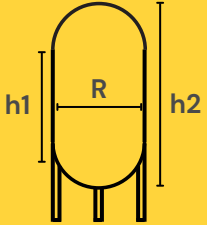
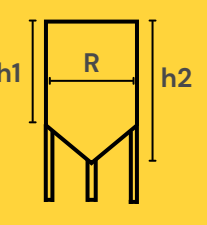
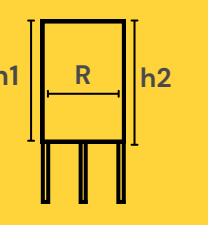
➔ Vacuum Systems

These systems are designed for the processing, transfer, or drying of liquid, gas, or semi-fluid products under low pressure. They ensure safe and efficient operation of the process while providing energy savings and precise control capabilities.



➔ Disperser Systems

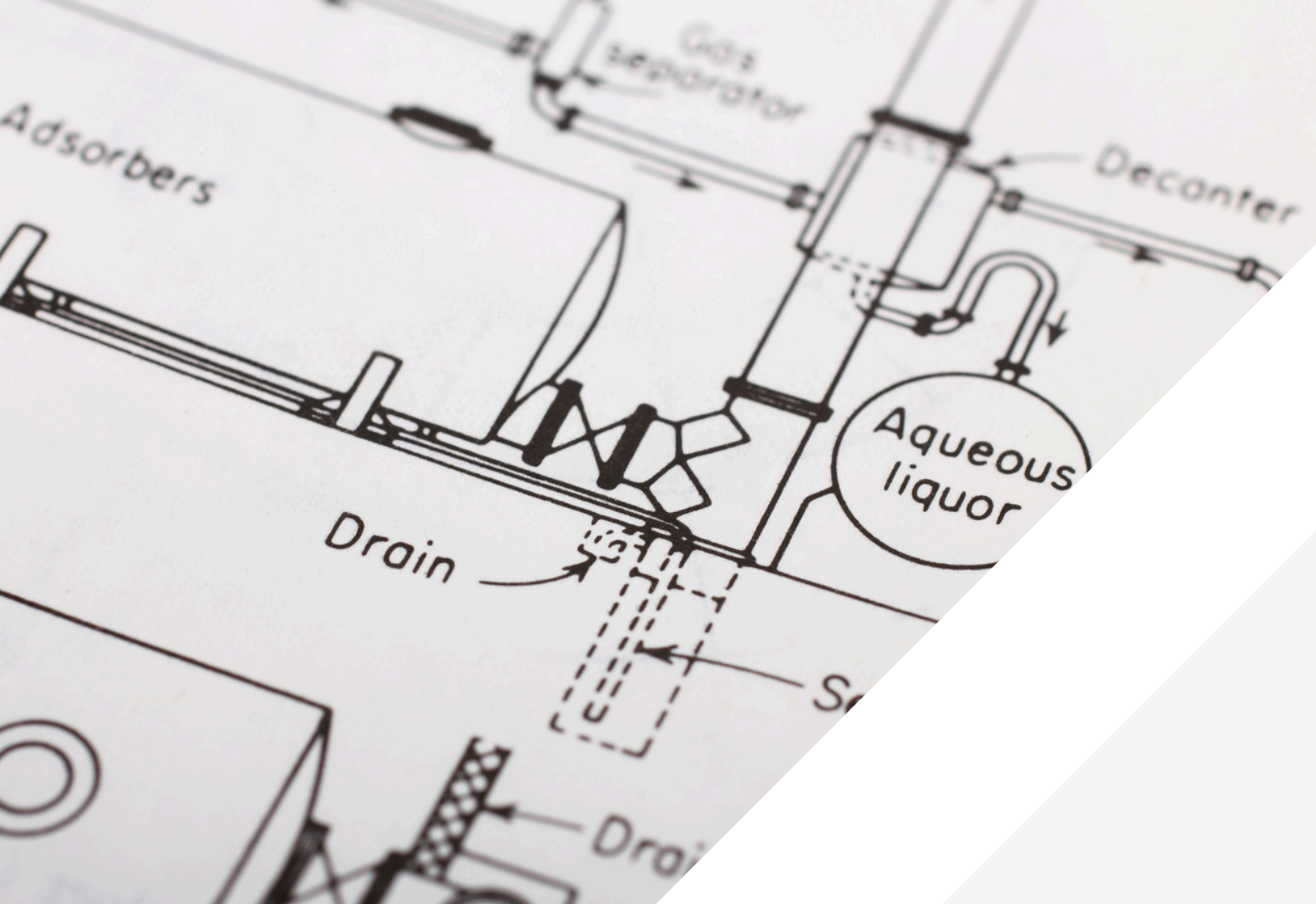
These systems are designed for the homogeneous dispersion of particles and the stabilization of mixtures in high-viscosity liquids and paste-form products. With their high-speed mixing mechanism and specially engineered disperser blades, they provide effective dissolution and distribution. The stainless-steel body ensures hygiene and long service life.

Volume				
	Elliptical Head	Torispherical head	Conical head	Flat Head
500L	<ul style="list-style-type: none"> • h1=800 h2=1130 R=810 • h1=1000 h2=1300 R=750 • h1=1250 h2=1530 R=690 • h1=1500 h2=1760 R=640 	<ul style="list-style-type: none"> • h1=800 h2=1130 R=830 • h1=1000 h2=1190 R=770 • h1=1250 h2=1420 R=700 • h1=1500 h2=1660 R=650 	<ul style="list-style-type: none"> • h1=800 h2=1235 R=870 • h1=1000 h2=1390 R=780 • h1=1250 h2=1600 R=690 • h1=1500 h2=1820 R=630 	<ul style="list-style-type: none"> • h1=800 h2=890 R=910 • h1=1000 h2=1090 R=820 • h1=1250 h2=1330 R=740 • h1=1500 h2=1570 R=680
1 000L	<ul style="list-style-type: none"> • h1=1000 h2=1420 R=1030 • h1=1250 h2=1640 R=950 • h1=1500 h2=1860 R=890 • h1=2000 h2=2320 R=790 	<ul style="list-style-type: none"> • h1=1000 h2=1260 R=1050 • h1=1250 h2=1490 R=970 • h1=1500 h2=1720 R=900 • h1=2000 h2=2200 R=800 	<ul style="list-style-type: none"> • h1=1000 h2=1550 R=1100 • h1=1250 h2=1740 R=980 • h1=1500 h2=1950 R=900 • h1=2000 h2=2390 R=780 	<ul style="list-style-type: none"> • h1=1000 h2=1120 R=1160 • h1=1250 h2=1360 R=1040 • h1=1500 h2=1600 R=960 • h1=2000 h2=2090 R=830
2 000L	<ul style="list-style-type: none"> • h1=1250 h2=1770 R=1290 • h1=1500 h2=1990 R=1220 • h1=2000 h2=2440 R=1090 • h1=2500 h2=2900 R=1000 	<ul style="list-style-type: none"> • h1=1250 h2=1570 R=1330 • h1=1500 h2=1800 R=1240 • h1=2000 h2=2270 R=1110 • h1=2500 h2=2750 R=1010 	<ul style="list-style-type: none"> • h1=1250 h2=1950 R=1390 • h1=1500 h2=2140 R=1270 • h1=2000 h2=2550 R=1100 • h1=2500 h2=2990 R=980 	<ul style="list-style-type: none"> • h1=1250 h2=1400 R=1480 • h1=1500 h2=1640 R=1350 • h1=2000 h2=2120 R=1170 • h1=2500 h2=2610 R=1050
3 000L	<ul style="list-style-type: none"> • h1=1250 h2=1870 R=1550 • h1=1500 h2=2090 R=1460 • h1=2000 h2=2530 R=1320 • h1=2500 h2=2990 R=1210 	<ul style="list-style-type: none"> • h1=1250 h2=1640 R=1600 • h1=1500 h2=1860 R=1500 • h1=2000 h2=2330 R=1340 • h1=2500 h2=2800 R=1230 	<ul style="list-style-type: none"> • h1=1250 h2=2100 R=1700 • h1=1500 h2=2280 R=1550 • h1=2000 h2=2670 R=1340 • h1=2500 h2=3100 R=1200 	<ul style="list-style-type: none"> • h1=1250 h2=1430 R=1810 • h1=1500 h2=1670 R=1650 • h1=2000 h2=2150 R=1440 • h1=2500 h2=1630 R=1290
5 000L	<ul style="list-style-type: none"> • h1=1500 h2=2240 R=1830 • h1=2000 h2=2670 R=1660 • h1=2500 h2=3120 R=1530 • h1=3000 h2=3570 R=1420 	<ul style="list-style-type: none"> • h1=1500 h2=1960 R=1880 • h1=2000 h2=2410 R=1700 • h1=2500 h2=2880 R=1560 • h1=3000 h2=3350 R=1450 	<ul style="list-style-type: none"> • h1=1500 h2=2500 R=2000 • h1=2000 h2=2870 R=1740 • h1=2500 h2=3280 R=1550 • h1=3000 h2=3710 R=1420 	<ul style="list-style-type: none"> • h1=1500 h2=1720 R=2140 • h1=2000 h2=2190 R=1860 • h1=2500 h2=2670 R=1660 • h1=3000 h2=3160 R=1520
10 000L	<ul style="list-style-type: none"> • h1=2000 h2=2910 R=2260 • h1=2500 h2=3340 R=2100 • h1=3000 h2=3790 R=1960 • h1=4000 h2=4700 R=1750 	<ul style="list-style-type: none"> • h1=2000 h2=2560 R=2330 • h1=2500 h2=3020 R=2150 • h1=3000 h2=3480 R=2000 • h1=4000 h2=4430 R=1780 	<ul style="list-style-type: none"> • h1=2000 h2=3230 R=2450 • h1=2500 h2=3600 R=2200 • h1=3000 h2=4010 R=2000 • h1=4000 h2=4870 R=1740 	<ul style="list-style-type: none"> • h1=2000 h2=2270 R=2620 • h1=2500 h2=2740 R=2350 • h1=3000 h2=3220 R=2150 • h1=4000 h2=4190 R=1870
20 000L	<ul style="list-style-type: none"> • h1=3000 h2=4080 R=2690 • h1=4000 h2=4970 R=2420 • h1=4500 h2=5430 R=2310 • h1=5000 h2=5890 R=2220 	<ul style="list-style-type: none"> • h1=3000 h2=3670 R=2760 • h1=4000 h2=4600 R=2470 • h1=4500 h2=5070 R=2350 • h1=5000 h2=5540 R=2250 	<ul style="list-style-type: none"> • h1=3000 h2=4420 R=2830 • h1=4000 h2=5230 R=2450 • h1=4500 h2=5660 R=2310 • h1=5000 h2=6100 R=2200 	<ul style="list-style-type: none"> • h1=3000 h2=3310 R=3040 • h1=4000 h2=4270 R=2640 • h1=4500 h2=4750 R=2490 • h1=5000 h2=5240 R=2360
50 000L	<ul style="list-style-type: none"> • h1=5000 h2=6360 R=3390 • h1=5500 h2=6810 R=3270 • h1=6000 h2=7270 R=3160 • h1=7000 h2=8190 R=2970 	<ul style="list-style-type: none"> • h1=5000 h2=5830 R=3460 • h1=5500 h2=6300 R=3330 • h1=6000 h2=6770 R=3210 • h1=7000 h2=7730 R=3010 	<ul style="list-style-type: none"> • h1=5000 h2=6740 R=3470 • h1=5500 h2=7160 R=3310 • h1=6000 h2=7590 R=3170 • h1=7000 h2=8470 R=2930 	<ul style="list-style-type: none"> • h1=5000 h2=5380 R=3730 • h1=5500 h2=5860 R=3560 • h1=6000 h2=6350 R=3410 • h1=7000 h2=7320 R=3160

NOTE: Dimensions are given in millimeters (mm) and liters (L). The provided values are approximate, with a tolerance of $\pm 10\%$. Not every dimension or tank type may be suitable for all applications; the design may vary depending on the intended use. Please contact the company to determine the most suitable product for your needs.

Material Grade	Features and Applications
ST-37 Steel	Also known as “Carbon Steel”, it has a low carbon content, making it easy to form and highly weldable. It is preferred in applications that do not require high strength. Common usage areas include machine bodies, chassis structures, construction components, and support legs.
AISI 304 Stainless Steel	It is the most commonly used type of stainless steel. It offers high corrosion resistance, good formability, and excellent hygiene. It is preferred in the food, chemical, pharmaceutical, and beverage industries, as well as in applications such as tanks, mixers, and piping systems.
AISI 304L Stainless Steel	Compared to 304 grade, it contains lower carbon and offers greater resistance to carbide precipitation after welding. It is preferred in applications such as pressure equipment, welded tanks, and process lines.
AISI 316 Stainless Steel	Thanks to its molybdenum content, it provides high resistance to chlorides and saline environments. It is preferred in acidic and aggressive conditions. Typical applications include chemical reactors, seawater systems, and pharmaceutical equipment.
AISI 316L Stainless Steel	It is the low-carbon version of 316, offering improved weldability and higher corrosion resistance. It is preferred in facilities that require high levels of hygiene and sterilization, such as those in the pharmaceutical and biotechnology industries.
AISI 310 Stainless Steel	Thanks to its high chromium and nickel content, it is resistant to heat and oxidation. It is preferred in applications such as furnace systems, thermoblocks, heat exchangers, and combustion chambers.

NOTE: The values provided represent typical characteristics and may vary depending on temperature, environmental conditions, and usage. Please consult our technical team for assistance in selecting the most suitable material for your application.



ENKA

With metal to the future...

2026