

PHARMA INDUSTRY

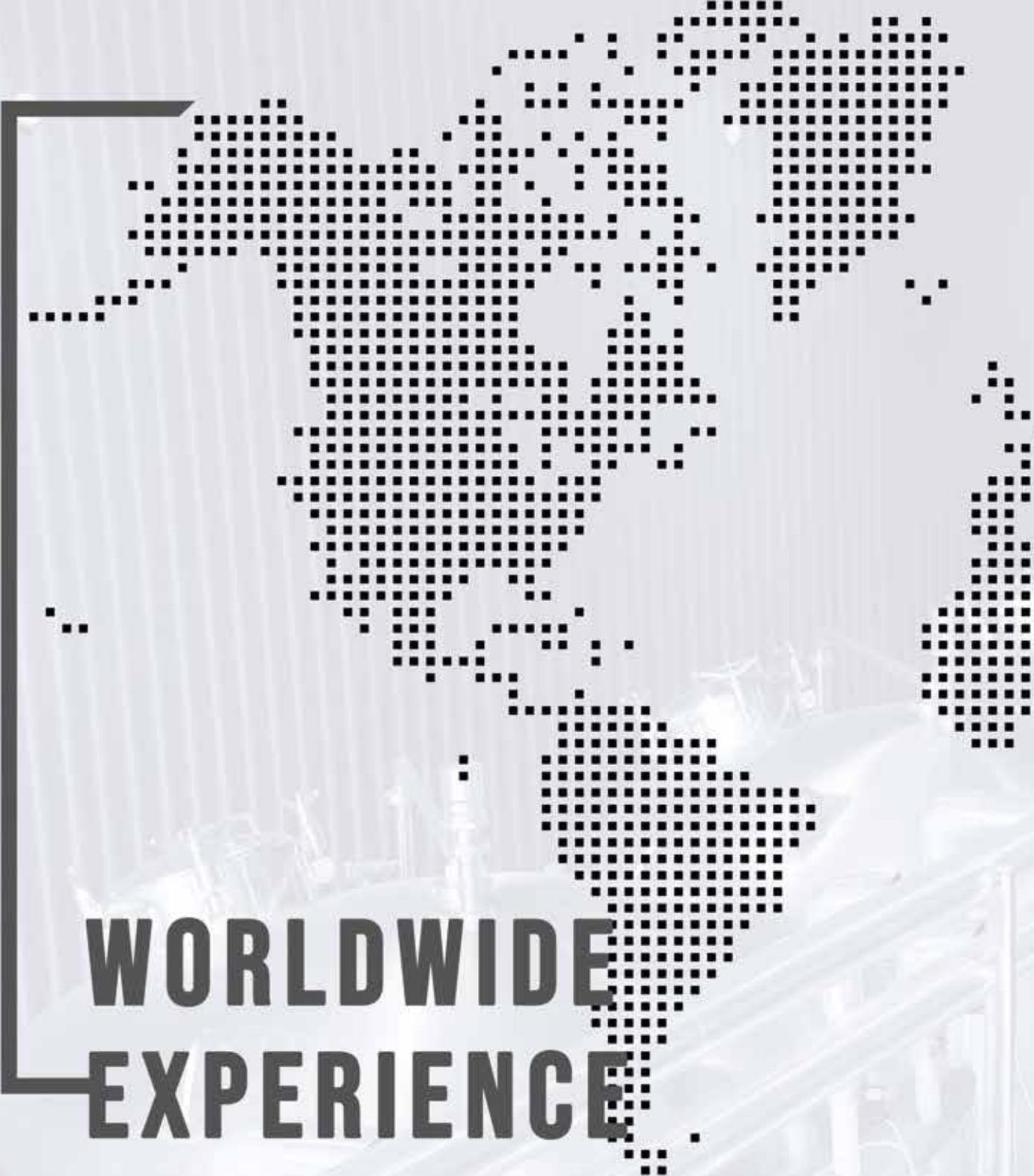
INNOVATION | DESIGN | MANUFACTURE

*Worldwide
Experience*

HPM

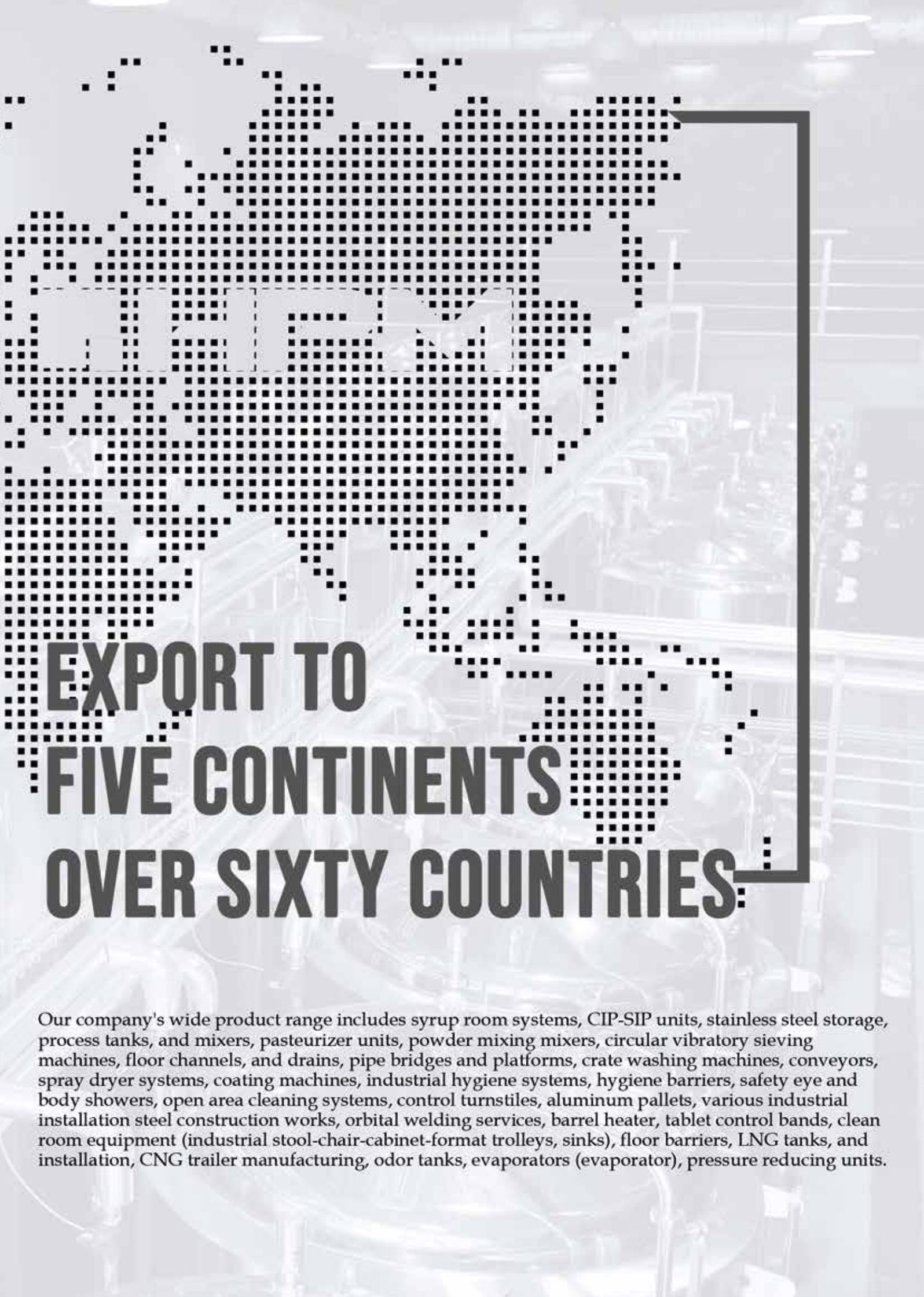
INNOVATION | DESIGN | MANUFACTURE

PRODUCT CATALOGUE



WORLDWIDE EXPERIENCE

HPM was established in 1997 and has grown in a short time to become one of the few industrial companies in Turkiye. Our company, which operates in our modern facility in Istanbul Kurtköy with our expert staff and high-quality machinery, has become a company that has made a name for itself with numerous successful projects in Turkiye and abroad. HPM, one of the most dynamic and innovative companies in its sector, is known for reliability, customer-oriented approach, and solutions in the areas where it operates and serves. We continue our activities with the desire to present the most compatible and appropriate solutions to customer demands and expectations by adopting a system of production that respects humans and nature.



EXPORT TO FIVE CONTINENTS OVER SIXTY COUNTRIES:

Our company's wide product range includes syrup room systems, CIP-SIP units, stainless steel storage, process tanks, and mixers, pasteurizer units, powder mixing mixers, circular vibratory sieving machines, floor channels, and drains, pipe bridges and platforms, crate washing machines, conveyors, spray dryer systems, coating machines, industrial hygiene systems, hygiene barriers, safety eye and body showers, open area cleaning systems, control turnstiles, aluminum pallets, various industrial installation steel construction works, orbital welding services, barrel heater, tablet control bands, clean room equipment (industrial stool-chair-cabinet-format trolleys, sinks), floor barriers, LNG tanks, and installation, CNG trailer manufacturing, odor tanks, evaporators (evaporator), pressure reducing units.

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6 - 13

HPM HYGIENE & PROCESS manufactures stainless steel tanks in various volumes and qualities in accordance with international hygiene standards, in line with customer demands and requests that will be needed by the food, pharmaceutical, chemistry and cosmetics sectors.



14-19

HPM manufactures process-appropriate liquid and powder mixers made of stainless steel in various volumes and qualities, in accordance with international hygiene standards and in line with customer demands, which is needed in the food, pharmaceutical, chemical and cosmetic industries.



20-22

Tanks and lines used in production need to be cleaned at regular intervals, to ensure that machines are ready for new production.



24-31

HPM HYGIENE & PROCESS offers turnkey projects for pharmaceutical processes with an accurate engineering approach and expert staff.



32-34

HPM HYGIENE & PROCESS designs and manufactures mobile and stationary type container lifts which are used in many industries.



36-40

HPM HYGIENE & PROCESS Designs and manufactures all required equipment in stainless steel which is used at pharmaceutical production sites.



STAINLESS STEEL TANKS & CONTAINERS

Since 1997

- Storage Tanks
- Mobile Tanks
- Reactors
- Silos and Bunkers
- Process Tanks

www.hpm.com.tr

STAINLESS STEEL TANKS

HPM HYGIENE & PROCESS manufactures stainless steel tanks in various volumes and qualities in accordance with international hygiene standards, in line with customer demands and requests that will be needed by the food, pharmaceutical, chemistry and cosmetics sectors.

STAINLESS STEEL TANKS

INNOVATION | DESIGN | MANUFACTURE

STORAGE TANKS



STORAGE TANKS ARE MANUFACTURED AS CYLINDRICAL, CONICAL, PRISMATIC OR COSTUM DESIGN.

In our facility, all processes from the project planning stage to the manufacturing process and delivery of work are carried out meticulously with our high-quality machinery and expert staff.

PRODUCTION PROCESS

TIG argon welding method, resistance welding method MIG argon welding method is used and in welded joints. Design is made by examining other components of the process, piping, platform, site and installation conditions.

PRODUCTION OPTIONS

- Desired volume and dimensions
- Vertical or horizontal construction
- Cylindrical, conical, prismatic or costum design
- Pressurized or atmospheric
- Heating-cooling, insulated

PROJECT SCOPE

- IQ, OQ documentation
- Design calculations
- Surface roughness
- Test and control procedures
- Welding maps
- Quality documents

STAINLESS STEEL TANKS

INNOVATION | DESIGN | MANUFACTURE

MOBILE TANKS



MOBILE TANKS ARE MANUFACTURED AS CYLINDRICAL, CONICAL, PRISMATIC AND/OR COMBINED CONSTRUCTIONS.

HPM hygiene process designs and manufactures mobile tanks in accordance with the conditions of the production area and the requirements of the product.

PRODUCTION PROCESS

It can be transported and fixed at the point of use.

It can be designed and delivered with complementary equipment such as tank and control systems, mixer, and pump on the skid.

PRODUCTION OPTIONS

- Desired volume and dimensions
- Cylindrical, conical, prismatic or custom design
- Pressurized or atmospheric
- Heating-cooling, insulated

PROJECT SCOPE

- IQ, OQ documentation
- Design calculations
- Surface roughness
- Test and control procedures
- Welding maps
- Quality documents

STAINLESS STEEL TANKS

REACTORS

INNOVATION | DESIGN | MANUFACTURE



REACTORS ARE MANUFACTURED TO OPERATE UNDER PRESSURE, UNPRESSURIZED, VACUUM, INCLUDING HEATING-COOLING, AND EXPLOSION-PROOF (EX-PROOF)

HPM hygiene process designs and manufactures the required reactors in accordance with the product needs.

PRODUCTION PROCESS

Reactor design standards are made in accordance with EN ISO 13445, EN ISO 13458, ASME, AD 2000 standards. Design and type approvals are obtained and delivered with CE certificate. The explosion protection (exproof) feature is documented. Internal surfaces are delivered with ra 0.4 micron mechanical polishing and surface measurement reports.

PRODUCTION OPTIONS

- Desired volume and dimensions
- Cylindrical, conical, prismatic or custom design
- Pressurized or atmospheric
- Heating-cooling, insulated

PROJECT SCOPE

- IQ, OQ documentation
- Design calculations
- Surface roughness
- Test and control procedures
- Welding maps
- Quality documents

STAINLESS STEEL TANKS

INNOVATION | DESIGN | MANUFACTURE

SILOS AND BUNKERS



SILOS AND BUNKERS ARE TAILOR-MADE CONSTRUCTIONS AND ARE MANUFACTURED ACCORDING TO THE CUSTOMER'S NEEDS.

It is used as transfer equipment, storage and process hoppers in manufacturing and/or storage processes.

PRODUCTION PROCESS

In our facility, all processes from the project design stage to the manufacturing process and delivery of work are carried out meticulously with our high-quality machinery and expert staff.

PRODUCTION OPTIONS

- Desired volume and dimensions
- Cylindrical, conical, prismatic or custom design
- Heating-cooling, insulated

PROJECT SCOPE

- IQ, OQ documentation
- Design calculations
- Surface roughness
- Test and control procedures
- Welding maps
- Quality documents

STAINLESS STEEL TANKS

INNOVATION | DESIGN | MANUFACTURE

PROCESS TANKS



PROCESS TANKS REQUIRED IN PRODUCTION PROCESSES ARE MANUFACTURED IN DESIRED VOLUMES.

Process tanks are designed in desired dimensions and features, manufactured with TIG argon welding method.

PRODUCTION PROCESS

In order to determine the specifications of the process tanks, user URS, customer site inspections, features of the product, vacuum, pressure or atmospheric condition, working relationship with auxiliary systems, assembly conditions, control, and commissioning conditions are considered.

PRODUCTION OPTIONS

- Desired volume and dimensions
- Cylindrical, conical, prismatic or custom design
- Pressurized or atmospheric
- Heating-cooling, insulated

PROJECT SCOPE

- IQ, OQ documentation
- Design calculations
- Surface roughness
- Test and control procedures
- Welding maps
- Quality documents

STAINLESS STEEL TANKS

INNOVATION | DESIGN | MANUFACTURE

IBC CONTAINERS



PRISMATIC POWDER PRODUCT
CONTAINERS - USED IN THE PHARMACEUTICAL
INDUSTRY FOR SOLID+SOLID MATERIAL.

HPM manufactures prismatic or cylindrical powder and tablet containers of high quality and standards in accordance with GMP, which are used in storage-transporting-unloading and mixing processes in the pharmaceutical industry.

PRODUCTION PROCESS

Gaskets are FDA approved silicon
Manual lever or geared Flywheel
Surface: the internal surface is 0.5 Ra
The external surface is 1.2 Ra

PRODUCTION OPTIONS

- Desired volume and dimensions (5l-2000l)
- Cylindrical, Conical, Prismatic, or custom design
- Pressurized Cover
- Unpressurized cover

PROJECT SCOPE

- Comply with GMP standards
- Surface roughness report
- Test and control procedures
- Quality Documents

STAINLESS STEEL TANKS

INNOVATION | DESIGN | MANUFACTURE

IBC CONTAINERS



IBC DRUMS

LIQUID & POWDER MIXING

Since 1997

- Solution Preparation Mixer - (Liquid)
- Product Preparation Mixer - (Liquid)
- Container Mixing (IBC Blender) - (Powder)
- Laboratory Type IBC Blender - (Powder)
- Powder Mixer - (Powder)

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LIQUID AND POWDER MIXERS

HPM HYGIENE & PROCESS manufactures liquid and powder mixers made of stainless steel in various volumes and qualities, in accordance with international hygiene standards and in line with customer demands, which is needed in the food, pharmaceutical, chemical and cosmetic industries.

LIQUID MIXERS

INNOVATION | DESIGN | MANUFACTURE

SOLUTION PREPARATION MIXER



SOLUTION PREPARATION (LIQUID+LIQUID MIXTURES) MIXERS ARE DESIGNED IN A VERTICAL CYLINDRICAL STRUCTURE.

Solution preparation systems and manufacturing vessels are the starting point of the production process. We produce solution preparation mixers to provide efficient operation and desired solution properties.

PRODUCTION PROCESS

Solution preparation mixers are designed in a vertical cylindrical structure and the components that affect and control the production values are placed on the mixer and orientation is provided.

PRODUCTION OPTIONS

- Desired volume and dimensions
- Cylindrical, conical, prismatic or custom design
- Pressurized or atmospheric
- Heating-cooling, insulated
- Mobile type solution preparation
- Stationary type solution preparation
- Solution preparation unit assembled on a skid
- Control and automation equipment

PROJECT SCOPE

- Comply with GMP, hygiene, CFR part 21
- IQ, OQ documentation
- Design calculations
- Surface roughness
- Test and control procedures
- Welding maps
- Quality documents

LIQUID MIXERS

INNOVATION | DESIGN | MANUFACTURE

PRODUCT PREPARATION MIXER



PRODUCT PREPARATION (LIQUID+SOLID MIXTURES) MIXERS ARE DESIGNED IN A VERTICAL CYLINDRICAL STRUCTURE.

Product preparation mixers provide homogeneous solution in which "liquid + solid", "liquid + liquid" mixtures are prepared.

PRODUCTION PROCESS

Product preparation mixers are designed in a vertical cylindrical structure and the components that affect and control the production values are placed on the mixer orientation is provided.

PRODUCTION OPTIONS

- Desired volume and dimensions
- Cylindrical, conical, prismatic or custom design
- Pressurized or atmospheric
- Heating-cooling, insulated
- Mobile type solution preparation
- Stationary type solution preparation
- Product preparation unit mounted on skid
- Control and automation equipment

PROJECT SCOPE

- Comply with GMP, hygiene, CFR part 21
- IQ, OQ documentation
- Design calculations
- Surface roughness
- Test and control procedures
- Welding maps
- Quality documents

POWDER MIXING

INNOVATION | DESIGN | MANUFACTURE

CONTAINER MIXING MIXER (IBC BLENDER)



HPM IS A MULTI-CAPACITY MIXING CONTAINER UP TO 2000 L CONTAINERS.

Container mixers are solid+solid mixing process equipment that is frequently used in the pharmaceutical, cosmetic, and food industries

PRODUCTION PROCESS

With the control system, the number of rotations and other data can be recorded and many different processes can be prescribed.

Safety is ensured as the machine can operate when the area reserved for the mixer is secured with door control or laser bands.

PRODUCTION OPTIONS

- Mixers are designed according to capacity and container inlets.
- The control panel is designed to manage the system from outside the mixer room.
- According to the way of loading the containers blender
- Manual locking of the container
- Hydraulic locking of the container from the side surface
- Pneumatically loading of container in the vertical direction
- Moving axis rotation
- Fixed axis rotation
- Laser bands, door control systems

PROJECT SCOPE

- Control system
- Prescriptions
- Software
- GMP compatibility,
- Complies with design standard
- CFR21-part11.
- Delivered with IQ, OQ, DQ qualifications.

POWDER MIXING

INNOVATION | DESIGN | MANUFACTURE

LABORATORY TYPE IBC BLENDER



LAB-TYPE IBC BLENDER IS A STANDARD PRODUCT OF HPM HYGIENE PROCESS

Laboratory type mixer is used for process control and efficiency analysis in large enterprises that need trial productions, pilot studies, mixing ratios, and process demos:

PRODUCTION PROCESS

With the control system, the number of rotations can be recorded, many different processes can be prescribed and the data can be output.

The machine stops working if the door of the mixer chamber is open.

The product is produced by TIG argon welding method.

PRODUCTION OPTIONS

- Up to 50l replaceable IBCs can be used by the machine
- Manual usage option

PROJECT SCOPE

- Control system
- Prescriptions
- Software
- GMP compatibility,
- IQ, OQ, DQ qualifications.

POWDER MIXING

INNOVATION | DESIGN | MANUFACTURE

POWDER MIXER



MIXING PROCESS IN POWDER MIXING MIXER IS DONE AS SOLID + SOLID, SOLID + LIQUID, LIQUID + LIQUID MIXTURE.

Powder mixers are designed according to the mixing components and process needs. Design calculations, manufacturing, and commissioning are done by HPM.

PRODUCTION PROCESS

TIG argon welding method, resistance welding method, and MIG argon welding method are used in welded joints. Design is made by examining other components of the process, piping, platform, site and installation conditions.

PRODUCTION OPTIONS

- Horizontal type powder mixing mixers,
- Hammer/ax crushers
- Ribbon type horizontal powder mixers
- Double screw type horizontal powder mixers
- Double-con mixers
- "v" type mixers
- Granule mixers
- Container mixers

PROJECT SCOPE

- IQ, OQ documentation
- Design calculations
- Surface roughness
- Test and control procedures
- Comply with GMP, hygiene conditions,
- CE certified, providing occupational safety conditions

CIP SYSTEMS

Since 1997

- Manual Modular CIP System
- Automatic Modular CIP System

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CIP SYSTEMS

Tanks and lines used in production need to be cleaned at regular intervals. to ensure that machines are ready for new production.

C.I.P SYSTEMS

INNOVATION | DESIGN | MANUFACTURE

MANUAL MODULAR CIP SYSTEM



HPM HYGIENE PROCESS PRODUCES LESS COMPLEX MANUAL CIP SYSTEMS SUITABLE FOR MILK, BEER, LIQUID FILLING, WATER ETC. PRODUCTION FACILITIES.

CIP systems are mostly used in liquid food production facilities and beverage industries such as water, beer, milk, carbonated drinks, etc.

PRODUCTION PROCESS

The line washing process and tank washing process differ from each other.

CIP systems operate on the basis of controlled dosing of cleaning chemicals into solutions by cycling hot and cold cycle conditions.

In our facility, all processes from the designing stage to the manufacturing process and delivery of work are carried out meticulously with our high-quality machinery and expert staff.

PRODUCTION OPTIONS

- CIP systems can be designed according to the requirement as single-tank CIP systems, multi-tank CIP systems, single-outlet CIP systems, multi-output CIP systems
- It can be defined in sub-types such as fully automatic CIP, semi-automatic CIP and manual CIP.

PROJECT SCOPE

- IQ, OQ, DQ documentation
- It is designed according to the FS document
- Design calculations
- Surface roughness
- Test and control procedures
- Welding maps
- Quality documents

C.I.P SYSTEMS

INNOVATION | DESIGN | MANUFACTURE

AUTOMATIC MODULAR CIP SYSTEM



HPM HYGIENE PROCESS PRODUCES MULTI-OUTPUT FULLY AUTOMATIC CIP SYSTEMS SUITABLE FOR MILK, BEER, LIQUID FILLING, WATER ETC. PRODUCTION FACILITIES.

CIP systems are mostly used in liquid food production facilities and beverage industries such as water, beer, milk, carbonated drinks, etc.

PRODUCTION PROCESS

The line washing process and tank washing process differ from each other.

CIP systems operate on the basis of controlled dosing of cleaning chemicals into solutions by cycling hot and cold cycle conditions.

In our facility, all processes from the designing stage to the manufacturing process and delivery of work are carried out meticulously with our high-quality machinery and expert staff.

PRODUCTION OPTIONS

- CIP systems can be designed according to the requirement as single-tank CIP systems, multi-tank CIP systems, single-outlet CIP systems, multi-output CIP systems
- It can be defined in sub-types such as fully automatic CIP and semi-automatic CIP.

PROJECT SCOPE

- IQ, OQ, DQ documentation
- It is designed according to the FS document
- Design calculations
- Surface roughness
- Test and control procedures
- Welding maps
- Quality documents



PHARMACEUTICAL PROCESS EQUIPMENT

Since 1997

- PW & WFI & PS Systems
- Process Piping, Distribution Lines, Orbital Welding & Assembly
- Aseptic Double Tube Heat Exchanger
- Laminar Air Flow Cabins
- Barrel Heater
- Tablet Control & Sorting Conveyor

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PHARMACEUTICAL PROCESS EQUIPMENT

HPM HYGIENE & PROCESS offers turnkey projects for pharmaceutical processes with an accurate engineering approach and expert staff.



PURE WATER SYSTEMS PW & PURE WATER DISTRIBUTION
LOOPS WFI & PURE WATER DISTRIBUTION SYSTEMS
PS & PURE WATER ORBITAL PIPING.

HPM is manufacturing pure water systems in European Pharmacopoeia standard, which is one of the most important systems of the Pharmaceutical Industry.

PRODUCTION PROCESS

PW and WFI systems consisting of a storage tank and a distribution cycle are made in form of a water cycle. Monitoring, consumption, microbiological control, operation and maintenance requirements, and automation service is offered by HPM.

PRODUCTION OPTIONS

- Customized design according to the customer specification SCADA control system

PROJECT SCOPE

- IQ, OQ documentation
- Design calculations
- Surface roughness
- Test and control procedures
- Welding maps
- Quality documents
- Passivation

PHARMACEUTICAL PROCESS & EQUIPMENT

INNOVATION | DESIGN | MANUFACTURE

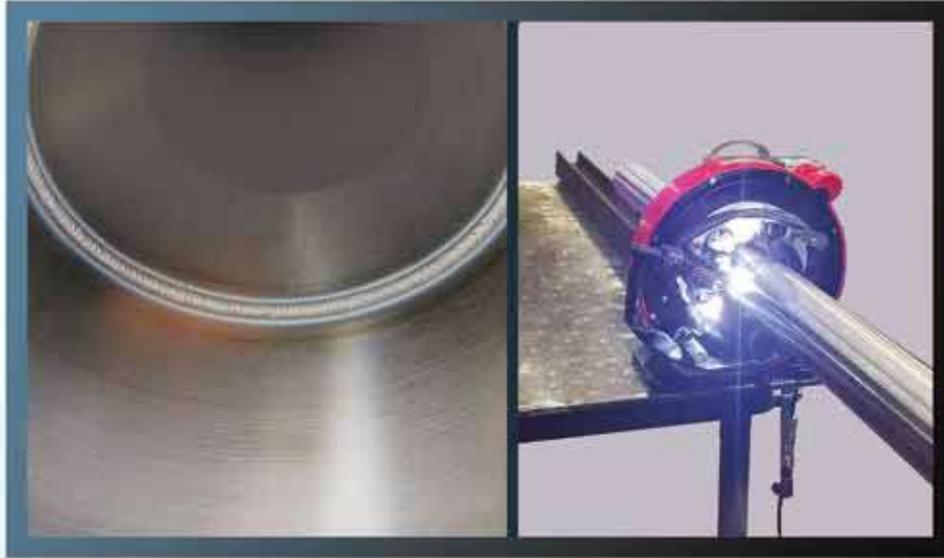
PW & WFI & PS SYSTEMS



PHARMACEUTICAL PROCESS & EQUIPMENT

INNOVATION DESIGN MANUFACTURE

PROCESS PIPING, DISTRIBUTION LINES, ORBITAL WELDING & ASSEMBLY



HPM HYGIENE PROCESS OFFERS SERVICES FOR ORBITAL WELDING & MECHANICAL ASSEMBLY & PIGGING SYSTEMS & ASEPTIC INSTALLATIONS & PURE WATER LOOP INSTALLATIONS.

Liquid production systems, sterile and non-sterile system piping, pure water, injection water, and pure steam line assemblies with experienced and certified-assembly and welding teams.

PRODUCTION PROCESS

In our facility, all processes from the design stage to the manufacturing process and delivery of work are carried out meticulously with our high-quality machinery and expert staff.

PRODUCTION OPTIONS

- In accordance with the application capacity and requirements.

PROJECT SCOPE

- Orbital welding services
- Endoscopy service
- Passivation service
- Orbital welding documentation according to GMP
- Isometric drawings
- Welding maps
- Endoscopic controls
- Pressure test procedures
- Passivation test procedures
- Internal surface roughness measurement reports
- Vacuum test protocol

PHARMA PROCESS

INNOVATION DESIGN MANUFACTURE

ASEPTIC DOUBLE TUBE HEAT EXCHANGER



HPM HYGIENE PROCESS MANUFACTURES HEAT EXCHANGERS THAT ARE SMALLER, LIGHTER AND MORE EFFICIENT THAN SHELL AND TUBE HEAT EXCHANGERS.

Condensation & evaporation processes consist of a cylindrical body and small diameter pipes (tubes) placed inside the body. The wall thickness of the pipes is determined according to the fluid properties and working pressure.

PRODUCTION PROCESS

In double-walled heat exchangers, it is possible to detect leaks caused by cracks or holes in the inner body. It also eliminates the need for costly intermediate circuits.

These heat exchangers have a tube heat exchanger design and are made suitable for all kinds of flue gas applications, thanks to the developed cleaning system. Constantly moving elements inside the pipes prevent clogging, so the heat transfer efficiency increases.

PRODUCTION OPTIONS

- It is designed in accordance with the application capacity and procedure

PROJECT SCOPE

- IQ, OQ documentation
- Material certificate
- Design calculations
- Test and control procedures
- Compliant with hygiene conditions,
- CE certified, providing occupational safety conditions

LAMINAR AIR FLOW CABINS



LAMINAR FLOW CABINETS PROVIDE CONTINUOUS AND UNIDIRECTIONAL FILTERED AIR FLOW PROTECTING THE ENVIRONMENT FROM DUST AND AIR POLLUTANTS.

The clean air passing through the HEPA Filter with vertical airflow from the ceiling to the lower part ensures that clean air remains in the work area and the process is in a clean air environment.

PRODUCTION PROCESS

- Vertical laminar airflow,
- Pre-filter, HEPA filter,
- UV lamp,
- Fluorescent Lamp
- Gas valve,
- Vacuum valve,
- Electrical outlet,
- Pressure indicator

PRODUCTION OPTIONS

- Speed control
- Lightening
- Emergency stop button
- Door safety switch

PROJECT SCOPE

- IQ, OQ, documentation
- Test and control procedures
- Quality documents

BARREL HEATER



THE BARREL HEATER IS MOSTLY USED TO CONTROL THE TEMPERATURE OF THE MATERIAL INSIDE THE BARREL

HPM has designed a wrapping heating system for barrels to control the temperature of the barrel mostly used in the pharmaceutical industry.

PRODUCTION PROCESS

The barrel Heater has a cylindrical structure providing insulation with rock wool around the body. It is possible to completely wrap the heated container by means of the movable metal body. The coils at the bottom allow the barrel to be heated from the bottom. The wheels are used for easy transportation.

PRODUCTION OPTIONS

- Door safety lock
- Wheels
- Emergency Stop

PROJECT SCOPE

- IQ, OQ documentation
- Test and control procedures
- Quality documents

PHARMACEUTICAL PROCESS & EQUIPMENT

INNOVATION | DESIGN | MANUFACTURE

TABLET CONTROL & SORTING CONVEYOR



THE TABLET CONTROL CONVEYOR ALLOWS TABLETS TO BE CONTROLLED RELIABLY AND SMOOTHLY.

HPM has designed tablet sorting and control conveyors which are mostly used in the laboratories and pharmaceutical industry.

PRODUCTION PROCESS

The tablets move from the product hopper to the conveyor belt. The tablets, which are placed in the second conveyor are rotated to allow the operator to examine the other side of the tablet.

PRODUCTION OPTIONS

- Adjustable speed
- Lightening
- Emergency Stop
- Vibratory tablet feeding hopper
- IP Protection Class: IP55
- Adjustable funnel and chassis
- Dust collector

PROJECT SCOPE

- IQ, OQ documentation
- Test and control procedures
- Quality documents

CONTAINER LIFTS

Since 1997

- IBC Container Lift
- Mobile Drum Lift

www.hpm.com.tr

CONTAINER LIFTS

HPM HYGIENE & PROCESS designs and manufactures mobile and stationary type container lifts which are used in many industries.

CONTAINER LIFTS

INNOVATION | DESIGN | MANUFACTURE

IBC CONTAINER LIFT



IBC CONTAINER LIFTS ARE DESIGNED TO PERFORM SAFELY THE REPEATABLE OPERATIONS OF LIFTING, MOVING, AND ROTATING CONTAINERS SUCH AS IBCS AND DRUMS.

HPM has designed stationary container lifts that are widely used in the pharmaceutical industry to perform various processes.

PRODUCTION PROCESS

IBC / Drums can be safely lifted to a suitable height and rotated at an appropriate speed around the horizontal and/or vertical axis and positioned in accordance with the process need point and equipment. Operations are controlled with Logic Control, Push-type buttons. A rack and pinion lifting system is used with a hydraulic or electric drive motor.

PRODUCTION OPTIONS

- Adjustable capacity and height.
- Double rope chain system,
- Pneumatic lock system in the lower bearing for the right-left positions,
- Sensor safety for Stopping Points,
- Two-hand control for performing all functions
- Optional HMI can be added if requested.

PROJECT SCOPE

- IQ, OQ documentation
- Test and control procedures
- Quality documents

CONTAINER LIFTS

INNOVATION | DESIGN | MANUFACTURE

MOBILE DRUM LIFT



MOBILE LIFTS ARE DESIGNED TO PERFORM SAFELY THE REPEATABLE OPERATIONS OF LIFTING, MOVING, AND ROTATING CONTAINERS SUCH AS IBCS AND DRUMS.

HPM has designed Mobile Lifts that are widely used in the pharmaceutical industry to perform various processes.

PRODUCTION PROCESS

IBC / Drums can be safely lifted to a suitable height and rotated at an appropriate speed around the horizontal and/or vertical axis and positioned in accordance with the process need point and equipment. Operations are controlled with Logic Control, Push-type buttons. A rack and pinion lifting system is used with a hydraulic or electric drive motor.

PRODUCTION OPTIONS

- Adjustable capacity and height.
- Double rope chain system,
- Pneumatic lock system in the lower bearing for the right-left positions,
- Sensor safety for Stopping Points,
- Two-hand control for performing all functions
- Optional HMI can be added if requested.

PROJECT SCOPE

- IQ, OQ documentation
- Test and control procedures
- Quality documents



Hygienex

Hygienex
SIMPLE | ROBUST | RELIABLE

EHPM

EHPM

HYGIENIC PRODUCTION REQUIREMENTS

Since 1997

- Stainless Steel Furniture
- Sanitary Pallets
- Floor Drains
- Air Breaker
- Stainless Steel Barriers
- Stainless Steel Pallet Trucks

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HYGIENIC PRODUCTION REQUIREMENTS

HPM HYGIENE & PROCESS Designs and manufactures all required equipment in stainless steel which is used at pharmaceutical production sites.

HYGIENIC PRODUCTION REQUIREMENTS

INNOVATION | DESIGN | MANUFACTURE

STAINLESS STEEL FURNITURE



**STAINLESS STEEL
STAFF CABINET**



**STAINLESS STEEL
DISINFECTANT DISPENSER**



**STAINLESS STEEL
BOOT DRYER**



STAINLESS STEEL CHAIR



STAINLESS STEEL DUSTBIN



STAINLESS STEEL TABLE

HYGIENIC PRODUCTION REQUIREMENTS

INNOVATION | DESIGN | MANUFACTURE

STAINLESS STEEL PALLET TRUCKS / STAINLESS STEEL PALLETS



STAINLESS STEEL PALLET TRUCKS



SANITARY PALLETS

HYGIENIC PRODUCTION REQUIREMENTS

INNOVATION | DESIGN | MANUFACTURE

FLOOR DRAINS / AIR BREAKER



HYGIENIC PRODUCTION REQUIREMENTS

INNOVATION | DESIGN | MANUFACTURE

STAINLESS STEEL BARRIERS











REFERENCES

INNOVATION DESIGN MANUFACTURE

PHARMA REFERENCES



GlaxoSmithKline



REFERENCES

INNOVATION DESIGN MANUFACTURE

OTHER REFERENCES



INNOVATION | DESIGN | MANUFACTURE

*Visualising
Ideas*

HPM
INNOVATION | DESIGN | MANUFACTURE

Hygienex
SIMPLE | ROBUST | RELIABLE

HPM HÜYEN PROSES MAKİNALARI
PASLANMAZ ÇELİK SAN. ve TİC. LTD. ŞTİ

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