

MGT LIQUID & PROCESS SYSTEMS



FOOD



BIO PHARMA & COSMETICS



CHEMICAL



TANKERS





MGT Liquid and Process Systems specializes in designing and manufacturing of custom-made, innovative stainless steel process solutions for the food, bio-pharma, cosmetics, and chemical industries. We offer advanced solutions encompassing design, manufacture, transport and installation to clients worldwide. MGT process vessels are manufactured in AISI 304L or AISI 316L 2B finish Stainless Steel.

MGT designs and manufactures a wide range of stainless steel processing vessels and agitators covering all aspect of liquid processing, adapted to specific industry requirements.

Our comprehensive product range includes stainless steel silos, aseptic and fermentation tanks, storage, mixing, ageing and CIP tanks, processing vessels, reactors and other, various dedicated solutions, as well as stainless steel agitators to suit every process requirement.

We combine more than 40 years of experience worldwide, by utilizing cutting edge technology to provide our clients with superior solutions adapted to their specific custom requirements.

MGT offers a one-stop shop for all your requirements of stainless steel tanks, vessels and agitators. Our wide range of products combined with our extensive engineering capabilities and streamlined state of the art manufacturing process, allow us to meet any requirement, and provide a seamlessly integrated solution.

One-Stop shop

MGT offers its customers a complete services package under one roof: analysis, consultation, design,

manufacturing, transportation, installation, testing and commissioning, which are adapted to your specific processing requirements, resulting in a cost effective solution.

Technology

MGT operates a manufacturing plant covering over 11,000 m², equipped with the latest engineering & manufacturing technologies. By utilizing state of the art advanced manufacturing procedures including automated welding and polishing machines, MGT has built a reputation for consistent excellence in design and manufacturing whilst maintaining strict quality controls.

Each MGT tank, vessel and agitator meets the most stringent international standards (see details below).

- ISO:9001
- ISO:14001
- CE Code Stamp on request
- TUV NORD on request
- Pressure vessels are built according to ASME Standard, Section VIII, Division 1 and approved by The Israeli Standards Institute
- Israeli Research Institution (The Technion): Inspection manufacture of tankers

Punctual delivery, anywhere in the world

You say where, we deliver!

MGT delivers its process solutions worldwide, complete with testing, commissioning and after sales service. Our ability to promptly adapt to customer requirements coupled with our streamlined design and manufacturing, allows us to meet tight schedules and guarantee punctual delivery.

FOOD DIVISION



MGT has more than 40 years of experience in building stainless steel tanks for food processing, including specialized solutions for dairy, wine, beer, juice, edible oils and chocolate processing. We supply custom-made vessels and agitators for all processing stages of various food products, storage silos up to 250 m³, aseptic and fermentation tanks, CIP tanks, pressure tanks, agitators, and road tankers for liquid transportation.

Our stainless steel tanks and vessels are available complete with fully welded insulation and cladding, dimple/half pipe cooling jackets and integrated agitators. All stainless steel silos and vessels are finished to food grade finish in accordance with the 3A standard, and supplied to customers with relevant certifications, such as TUV or CE on demand.



BIO-PHARMA & COSMETICS DIVISION



Bio-pharma

The Bio-pharma industry requires complex processing vessels and solutions, consisting of integrated systems in various configurations.

MGT has extensive tank and vessel manufacturing capabilities utilizing the latest engineering & manufacturing technologies and more than 40 years of experience in the field, allowing us to meet any specific requirement in any size and degree of complexity.

We design and manufacture stainless steel bioreactors as well as fermentation and storage tanks, and deliver complete tailor-made solutions that include PW tanks, WFI tanks, and magnetic mixers.

All stainless steel bio-pharma vessels are finished in electro polish in accordance with specific requirement. All fittings comply with the ASME BPE standard, and all bio-pharma vessels can be supplied with relevant certificates such as TUV or CE on demand.

Cosmetics

MGT offers a comprehensive range of cosmetics processing solutions.

Mixing and agitation of cosmetics is a critical process that requires specific conditions, and poses a challenge that we at MGT readily overcome. Our extensive experience of the cosmetics processing industry enables us to provide our clients with ideal solutions for their processing needs.



CHEMICAL DIVISION



Processing chemicals poses specific requirements concerning high pressure, corrosion, and safety. MGT meets this challenge building on more than 40 years of experience, and utilizing a large modern production facility, equipped with the latest engineering & manufacturing technologies.

MGT manufactures stainless steel storage tanks, reactors, mixing tanks and pressure vessels for the chemical industry.

MGT's advantage lies in offering our customers a one-stop shop, giving us the ability to control the complete design and manufacturing process, and supply tailor-made solutions that include tanks and vessels with integrated heat transfer solutions and mixing equipment of various types.

Tanks are built according to ASME pressure vessels standards, and supplied to customers with relevant certifications, such as TUV or CE on demand.



TANKERS



MGT is a leading producer of stainless steel road tankers for the transport of all types of liquids, from milk and wine to chemicals.

Our road tankers are manufactured in AISI 304L Stainless Steel or AISI 316L Stainless Steel using the most advanced

production methods and technology, which ensures a superior long lasting transport solution.

Our road tankers are mounted on trucks, semi trailers or full trailer tankers, and conform to the most stringent international transport standards and qualifications.

Road tankers may be insulated or single wall. Hazardous materials road tankers are built in accordance with ADR standard and comply with international regulations,

