

SIMMED MÜHENDİSLİK A.Ş.

SIMMED ENGINEERING

Naval & Offshore Engineering and Manufacturing

SIMMED Engineering is an engineering and manufacturing company specialized in **defense, naval, marine, offshore and oil & gas projects**, delivering **turnkey solutions** from engineering to commissioning.

Founded by engineers with strong **shipyard and field experience**, SIMMED operates at the intersection of **defense industry requirements and production-oriented engineering**. We support military and naval programs with design, manufacturing, installation and on-site execution fully compliant with **military standards and classification society rules**.

Our main areas of expertise include:

- Defense & Naval Projects**

(Naval platforms, military vessels, patrol boats and mission-specific systems)

- Shipbuilding & Marine Manufacturing**

(Aluminium and stainless-steel fabrication, structural works, marine outfitting)

- Energy, Exhaust & Auxiliary Systems**

(Marine exhausts, silencers, pressure vessels, heat exchangers and fuel systems)

- Turnkey On-Site Projects**

(Engineering, fabrication, piping, installation, testing and commissioning)

SIMMED Engineering acts not merely as a supplier, but as a **long-term engineering partner** for defense, marine and offshore industries.

Our strength lies in combining **advanced CAD-based engineering** with **hands-on workshop and site capability**, ensuring reliability, confidentiality and operational excellence.

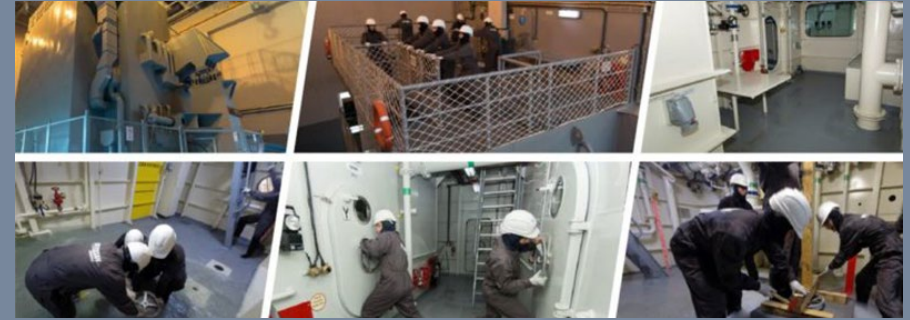
TURNKEY PROJECTS

SIMMED Engineering delivers **turnkey engineering and manufacturing solutions** covering design, fabrication, installation, testing and commissioning.

Our turnkey project experience includes:

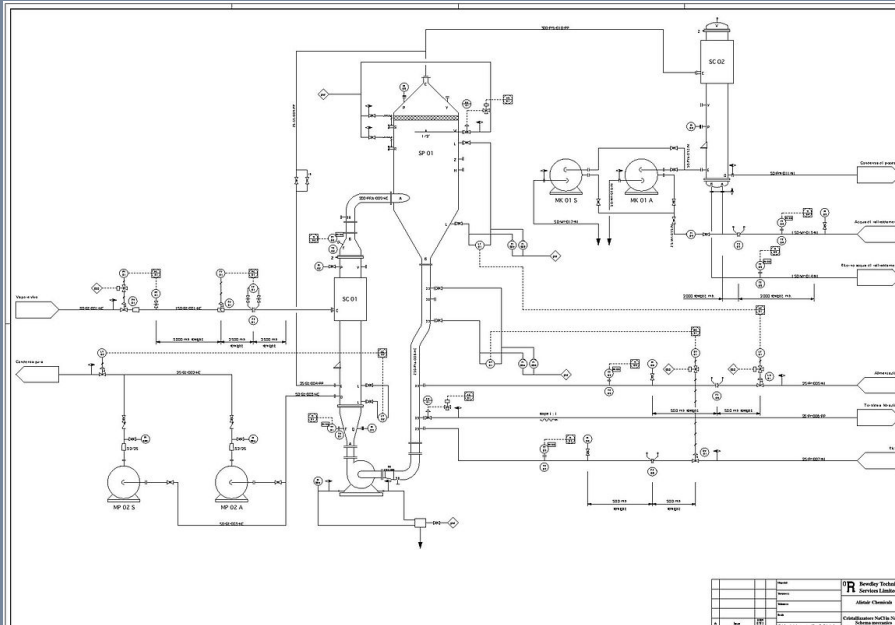
- **Military & Naval Projects**
- **Energy Systems & Industrial Projects**
- **Modular Cabin & Containerized Systems**
- **Seawater Treatment & Desalination Systems**
- **Vessel Construction & Conversion**
- **Aluminium & Steel Fabrication Projects**

All projects are executed in compliance with **military standards, class rules and project-specific requirements**, supported by strong workshop and on-site capabilities.



Our Services

- Marine Engineering & Design
 - Conceptual & Basic Design
 - Classification Approval Design
 - Production & Workshop Drawings
 - Conversion & Retrofit Engineering
 - BWMS / EGCS Integration
 - 3D Laser Scanning & Modeling
 - Consultancy Services
 - Site Technical Support
 - Manufacturing
- Aluminium & Stainless Steel Manufacturing
 - Naval and Commercial Projects
 - Workshop-Based Custom Fabrication
 - Certified Production & Documentation
 - Class (BV, LR, DNV vs.)
 - Military standard
 - QA / QC / Certification



Marine Outfitting Equipment

- Manholes and hatches
- Watertight and weathertight doors
- Marine ladders and gangways
- Ventilation louvers and dampers
- Steel Doors
- Marine Ladders



Marine Outfitting Equipment

Marine ladders and gangways
Ventilation louvres and dampers
Ventilation louvres
Galvanised Mushroom Ventilator



FABRICATION



Marine Outfitting Equipment

Manholes and hatches
Watertight and weathertight doors
Marine ladders and gangways
Steel Doors



Marine Outfitting Equipment

Mooring Equipment
Steel Bollards
Rope Drums
Fairleads



Exhaust & Energy Systems

- Exhaust gas heat exchangers
- Marine exhaust silencers
- Engine exhausts
- Cogeneration systems
- Fuel tanks and automation systems



Tank Design & Manufacture

- Prismatic Fuel Tanks
- Cylindrical Fuel Tanks
- Main Fuel Tanks
- Daily Fuel Tanks
- Fuel Automation & Control Systems



Steel Works & Pipe Spools

Steel structures and foundations
Pipe spool fabrication
Pipe supports and accessories
Mechanical erection on-site

FABRICATION



References

• **Damage Control Simulator (DCSIM)**

2012 – 16 months | Meteksan

• **Major Overhaul and Refurbishment of Aluminium Sea Bus** 2013 – 7 months | IDO

• **Dry Docking and Overhaul of Three Landing Craft** 2015 – 10 months | Metropolitan Municipality

• **Seawater Desalination Plant – 750 m³/day Capacity** 2017 – 16 months

• **Modular Pump Station – 1,000 m³/day** 2019 – 10 months

• **HVAC (Ventilation, Cooling and Heating) System** Barge – 110 m | 2022 – 12 months | Dredge Yard

- Anadolu Shipyard (Tuzla)
- Sedef Shipyard (Tuzla)
- Sefine Shipyard (Yalova)
- Annama Co. (Iraq)
- Borusan Makina ve Güç Sistemleri (İstanbul)
- Enka Pazarlama İhracat A.Ş. (İstanbul)
- Gemak Shipyard (İstanbul)
- Kıyı Emniyet Genel Müdürlüğü (İstanbul)
- Kuzeystar Shipyard (Tuzla)
- Navtek Engineering (İstanbul)
- Tag Marine Industry (İstanbul)
- Sanmar Shipping (İstanbul)
- Enka Pazarlama (Kazakhstan)
- Chevron (Kazakhstan)
- Gama Construction (Kazakhstan)
- Tekfen Construction (Kazakhstan)
- Tengizchevroil (Kazakhstan)
- Dredge Yard (Netherland)

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