

ENGINEERED IN TÜRKİYE. BUILT FOR GLOBAL DUTY.

Pressure systems without compromise.

Cryogenic storage • pressure vessels • process
packages • transport tanks

PRODUCT & CAPABILITY PROFILE



A manufacturing partner for critical containment.

From engineering and code compliance to fabrication, testing and commissioning.

1999

Established manufacturing heritage

ASME / EN

Design and fabrication pathways

Global

Project delivery across industrial markets

One accountable team.
One documented quality trail.



COMPLIANCE

Designed around the code — not adapted after the fact.

Project-specific engineering aligned with internationally recognized pressure, transport and quality frameworks.

ASME

Section VIII Div. 1 & 2

EN 13445

Unfired pressure vessels

EN 13530

Cryogenic vessels

ADR / RID

Road & rail transport

ISO

9001 • 14001 • 18001

PED

2014/68/EU

One platform. Six pressure-system families.

A focused portfolio for industrial gases, energy, process plants and specialized transport.

01 Cryogenic systems

LIN • LOX • LAR • LNG • LCO₂

03 Process packages

Separators • filters • skids

05 Transport solutions

Fuel • chemicals • LPG • cryogenic

02 Pressure vessels

Gas storage • air receivers • accumulators

04 Thermal systems

Atmospheric & high-pressure vaporizers

06 Special applications

Hyperbaric chambers • columns

Cold service, engineered as a complete system.

Vacuum-insulated storage and transport solutions for industrial and energy gases.

MEDIA

LIN • LOX • LAR • LNG

CONFIGURATION

Stationary • semi-trailer • truck-mounted

SCOPE

Vessel • piping • valves • commissioning

DESIGN ROUTE

EN 13530 / project specification



LCO₂ systems built for reliable distribution.

Storage and mobile configurations with integrated insulation and pressure-control architecture.

APPLICATIONS

Food • beverage • welding • process

FORMATS

Storage tank • semi-trailer • mobile

TYPICAL SCOPE

Vessel • insulation • piping • controls

VERIFICATION

NDT • pressure test • documentation



Storage and transport across the LPG value chain.

Above-ground, underground and mobile solutions configured for site and logistics requirements.

FORMATS

Storage • autogas • semi-trailer

ORIENTATION

Horizontal • vertical

ENGINEERING

Nozzles • saddles • piping • access

COMPLIANCE

ASME / EN / ADR project routes



GAS STORAGE

High-pressure capacity for demanding plants.

Engineered vessels for oxygen, nitrogen, argon, air and specialty gas service.

MEDIA

GOX • GAN • GAr • compressed air

DESIGN

Vertical • horizontal • manifolded

PLANT INTERFACE

Platforms • ladders • piping

QUALITY

Material traceability • NDT • testing



PROCESS EQUIPMENT

Separation packages, delivered as integrated assets.

Gas and liquid separation vessels with internals, platforms and project-specific interfaces.

EQUIPMENT

Separators • accumulators • knockout drums

INTERNALS

Demister • vane pack • cartridges

DELIVERY

Standalone vessel • packaged skid

ENGINEERING

Process inputs to fabrication dossier



Skid integration that reduces site complexity.

Filter-separator assemblies engineered for maintainability, access and commissioning.

PACKAGES

Filter separator • gas filtration

INTEGRATION

Vessels • piping • structure • instruments

ACCESS

Platforms • stairs • service clearances

HANDOVER

Testing • documentation • commissioning



THERMAL SYSTEMS

Vaporization capacity matched to real duty.

Ambient and high-pressure vaporizer solutions for industrial-gas and LNG applications.

MEDIA

LNG • LIN • LOX • LAR • LCO₂

TYPES

Ambient • high-pressure • water bath

CAPACITY

Project-specific thermal sizing

SCOPE

Skid • valves • controls • field interface



TRANSPORT TANKS

Engineered mobility for fuel and chemical logistics.

Cylindrical and specialized tankers designed around payload, compartment and regulatory constraints.

SERVICES

Fuel • chemicals • industrial liquids

PLATFORMS

Semi-trailer • truck-mounted

MATERIALS

Carbon steel • stainless • aluminium

CONFIGURATION

Single or multi-compartment



SPECIAL APPLICATIONS

Pressure engineering beyond standard catalogues.

Hyperbaric chambers, columns, test stands and custom equipment for specialist sectors.

HYPERBARIC

Monoplace • multiplace

PROCESS COLUMNS

Absorption • fractionation • vacuum

CUSTOM ASSETS

Test stands • heat exchangers

APPROACH

Requirement-led engineering



A controlled path from process data to handover.

Every stage produces auditable engineering and quality evidence.

01

Define

Duty • media • code

02

Engineer

Calculations • drawings

03

Fabricate

Form • weld • assemble

04

Verify

NDT • test • inspect

05

Deliver

Dossier • commission

Engineering discipline is the product.

Built around traceability, repeatability and inspection access.

Fabrication controls are planned with the same discipline as the pressure design.



Controlled welding



Vessel fabrication



Final integration

Documentation that travels with the equipment.

A clear manufacturing record supports inspection, acceptance and long-term asset confidence.

- | | | |
|----|-------------------------|--|
| 01 | Material control | Certificates • identification • traceability |
| 02 | Welding control | Qualified procedures • qualified personnel |
| 03 | NDT | VT • PT • MT • UT • RT as specified |
| 04 | Pressure testing | Hydrostatic / pneumatic per approved procedure |
| 05 | Final dossier | Drawings • reports • certificates • manuals |

Reference depth across gases, energy and process industries.

Projects represented in the supplied reference register, spanning 2017–2025.

2017–25

Reference period

15+

Countries and markets
represented

250+

Recorded customer/project lines

Türkiye • Iraq • UAE • Bahrain • Egypt • Uzbekistan • Chile • Algeria • Vietnam • Azerbaijan • Saudi Arabia and more

Proof points at different scales and duty conditions.

A sample of recent references; the complete register follows as a separate document.

CUSTOMER	DELIVERABLE	MARKET	YEAR
SMART INDUSTRIES INC.	100 m ³ LNG storage tanks & 53 m ³ LNG semi-trailers	Chile	2025
TOSYALI HOLDING	100 m ³ LIN/LOX/LAR storage + vaporizer	Algeria	2025
MÜRAT METALURJİ	LOX/GOX storage, vaporizers, regulation & automation	Türkiye	2024
NEWGAZ LLC	LPG storage tanks	UAE	2024
VAN COMPANY	100 m ³ gas oxygen/nitrogen/argon storage tank	Iraq	2025

NEXT PROJECT

Bring us the duty. We will engineer the system.

Pressure vessels • cryogenic systems • process packages • transport solutions



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