



HITARD

ENGINEERING

oil & gas engineers

YOUR ENGINEERING PARTNER

since 1995

Hitard Engineering is a leading European engineering company with over 30 years of experience, specializing in the design and analysis of heat exchangers, pressure vessels, air coolers, and other types of process equipment, providing reliable and efficient solutions in line with the highest international standards.

WHAT WE DO



Thermal design and rating

Pre-engineering / Tender phase
Setting plans & Shopping list



Detailed engineering phase

Mechanical design calculations
Fabrication drawings package



Studies & Consulting services

3D-Modeling design
Pipe Stress engineering
Document Edorsement / certified engineers

FOR EQUIPMENT

Shell and tube heat exchangers

Double pipe heat exchangers
Plate heat exchangers

Hairpin Heat Exchangers

Air coolers

Waste Heat Boilers

Pressure Vessels & Drums

Columns & Towers

Steam Surface Condensers

Bullets & Spheres

Reactors

Separators

Filters and Strainers

Storage Tanks & Silos

Skids & Modules

PIG Launchers & Receivers

Piping

Structural



CONTACT US

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WHAT WE USE



Latest Codes and standards

ASME VIII Div. 1 & 2
EN 13445 / Eurocodes
AD-2000 Regelwerk
CODAP Div. 1 & 2
BS codes / PD 5500
AS-1210 S1 & S2

ASME B31.3 Process Piping
GOST 34233 Standards
RToD / Stoomwezen
TEMA & API Standards
PED 2014/68/EU and
PESR Regulations



Design calculations software

HTRI Xchanger Suite
Compress
PVElite / CodeCalc
AutoPIPE Vessel
Amtec / Temes fl.cal
FEPIPE / NozzlePRO

Finglow software
CAESAR II
TechnoSoft AMETank
VES / RToD
Dlupal software
Hitard in-house software



CAD tools

Autodesk **AutoCAD**
Autodesk **Inventor**
Dassault SolidWorks

Pro/Engineer / PTC Creo
Designer/One Space
CADWorks

ADVANCED DESIGN

FEA - CFD - FFS

Using FEA, CFD, and FFS, including fatigue life analysis, we deliver comprehensive engineering solutions for complex structures and equipment.

Whether assessing local stresses, analyzing fluid dynamics, or ensuring fitness for service, we deliver precise results and optimized designs.

Midas NFX Advanced

Ansys
Creo Simulate
Dlupal RFEM
FE-Pipe / Nozzle-Pro
Inventor Nastran
Siemens FloEFD

ISO 9001
ISO 14001
BUREAU VERITAS
Certification





TRUSTED BY THE BEST IN THE BUSINESS

HITARD ENGINEERING

was established in 1995 in Rotterdam, specializing in the design and engineering of process equipment and plants. With over three decades of experience, we have become a trusted partner in the industry.

Our journey of growth led to the opening of a Qatar office in 2003 and later the establishment of our Novi Sad office in 2006, in partnership with the Faculty of Technical Sciences. We are proud of our collaborations with educational and research institutions in The Netherlands and Serbia.

Throughout the years, we have contributed to major projects for leading petrochemical companies such as Shell, BP, Equinor, Sabic, TotalEnergies, ExxonMobil etc.

Investing in continuous learning, our engineers stay at the forefront of the industry through advanced training and expertise in advanced software. This strong foundation firmly drives our commitment to innovation and excellence.