

KEY CLIENTS

Acciaierie di Sicilia
AGSM Verona
Alfa Acciai
Came Industry
CIVE
Edicos
FIAMM
GEMMO
GORE
Innmed
Marchetti Impianti
Med-Italia Biomedica
Mikai
Pederzani Impianti
Sammontana
Sespi
Sicit 2000
TNC Tecnoconsulting
Unicomgroup
Università di Verona
Veronesi
Wartsila Finland Oy
Wartsila Italia
Zambon Group



Our society

CONTEC INDUSTRY is an engineering society working mainly in the field of industrial and mechanical design.

Contec Industry offers to their customers technologically innovative solutions ensuring high quality standards and providing full assistance at all stages of the technological process: from the project idea to its realization (turnkey systems), through the basic, executive and detail engineering, technical consulting, construction management, installation and inspection procedures, certification of plants and products, and final tests.

Contec Industry makes available the best resources and appropriate skills for the management of integrated projects in variety of sectors: industrial, mechanical, structural, electro-instrumental, environmental and process engineering.



Design services

Using the solid modeling software and numerical simulation (FEA), Contec Industry provides a systematic and effective approach to all phase of the technical design:

- 2D and 3D design with dedicated solid modeling software
- Detail engineering
- Creating exploded and shot peened for technical manuals
- Calculations and Structural Analysis with the Finite Element Method (FEM / FEA)
- Simulations and virtual prototyping and rapid prototyping.
- Construction drawings and Bill of Material (BOMs).
- Architecture definition and control systems and supervision.
- Dimensions and structural controls static, dynamic and fatigue, both on individual parts of parts assembled
- feasibility analysis,
- development of the idea ,
- design elements of light and heavy carpentry

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Consulting services

CONTEC INDUSTRY provides qualified and technical support and services to companies who need advice about specific issues, integrating the design when necessary, such as:

Design on two-dimensional and three-dimensional solid modeling software dedicated to components, machines and systems for the environmental sector.

- Drafting documents such as operating instructions and maintenance, risk analysis, *technical file (drawings, calculation note, certificates, safety components, risk assessment, ecc)* of equipment, plant and machinery.
- Drafting practices and documents to obtain authorizations for the management of plants
- EC Declaration of conformity of machinery and EC marking according to European Directives and specific regulations (EC, ATEX, PED, EMC, ANSI, ASME, NFPA, FDA) of machineries and plants
- Adaptation to national and international standards of machines, plant or equipment according to applicable regulatory requirements
- Site managements and surveillance
- Assistance at start-up phases
- Inspection, testing and certification assistance
- Procurement and supplier coordination
- Achievement and supplies of components, machines and complete plants for their control systems and automation.
- Training

Activities areas

The activities of Contec Industry develop primarily in the following areas:

- **Production** (industrial technology systems, Iron and steel, Metallurgy, Food farming and processing, Manufacturing, Consumer goods)
- **Environment and Energy** (waste water treatment systems, waste treatment systems, atmospheric emission treatment systems, and high-efficiency energy generation systems)
- **Chemical and Petrochemical systems**

