

 **ORLOGA**
INGENIERIA

Orloga

Engineering specialized in turnkey industrial projects

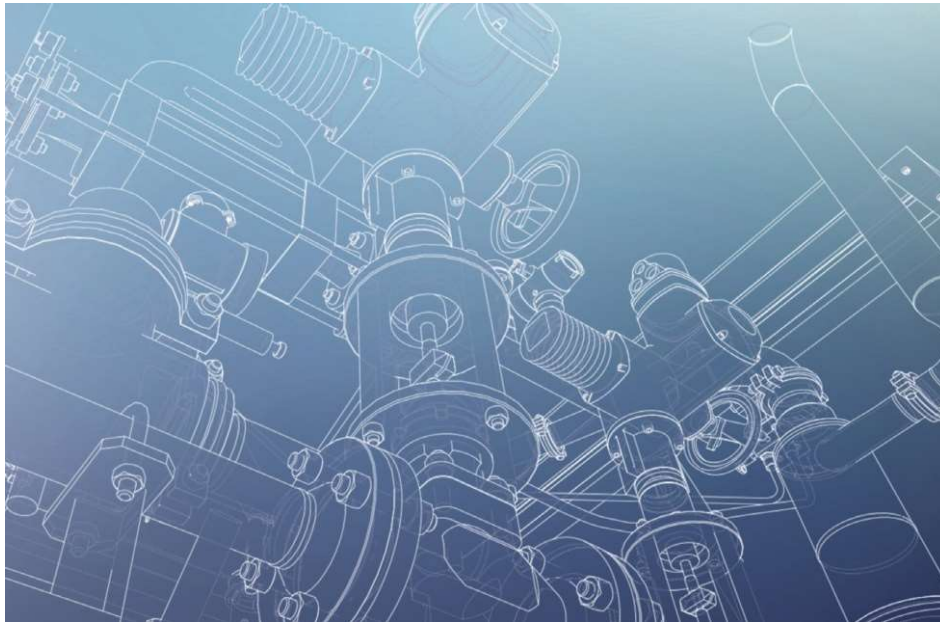


1981

- Engineering specialized in Paper Industry
- Development of large projects, for both national and international markets
- Diversification and introduction to new industries
- Execution of national and EU R&D projects
- Today, we implement our 40+ years of experience in process engineering, innovation and development
- Today and tomorrow, formation of our first start-up

ENGINEERING

Industrial plants experts



We are intensely involved in development and process engineering.

Our capabilities range from energy performance studies to the design and implementation of entire plants.

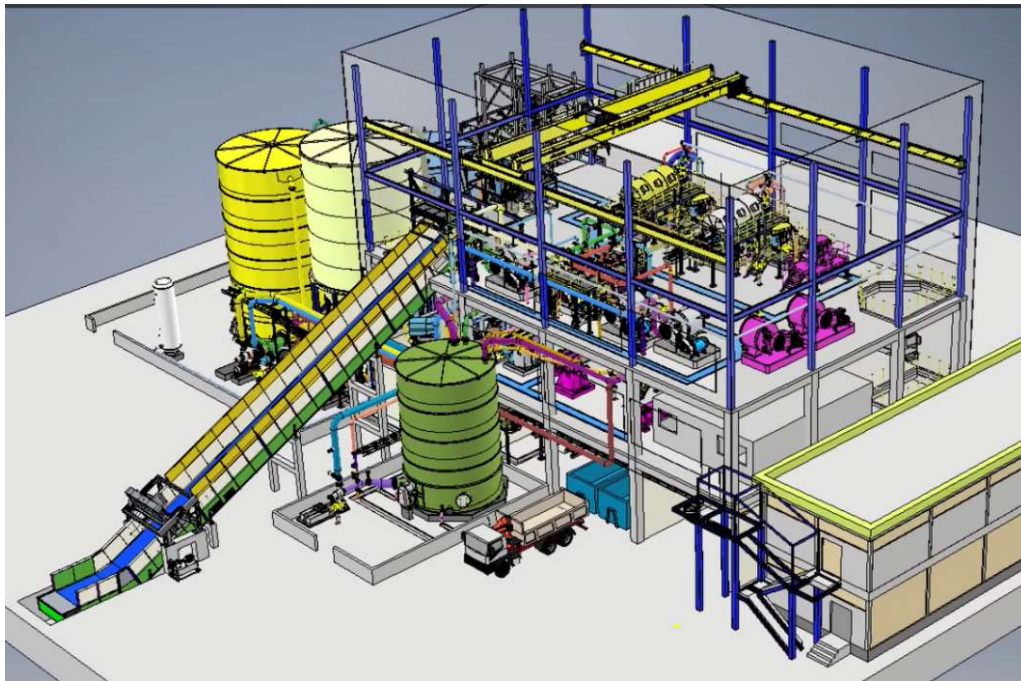
MANUFACTURE AND INSTALLATION

Extensive supplier network



We design and supply equipment, piping and metalwork elements for industrial facilities.

Design of fully custom 3D CAD projects



All of our projects are developed in 3D CAD.

Our 3D modelling brings significant benefits to the achievement of engineering projects.

It allows us to represent constructive projects accurately, offering a global vision of the outcome before it is implemented.

We offer an unpaired level of detail that makes us distinct in the market.



Process engineering



Manufacture



Industrial scale-up

Advise and guidance throughout the entire implementation process.



Industrial vacuum system design.

Efficiency audits.



Basic and detailed engineering.

For auxiliary systems.



Construction management and coordination.

Design, monitoring and launch.



Technical assistance for assembly.

For industrial plants.



R&D and Industry nexus.

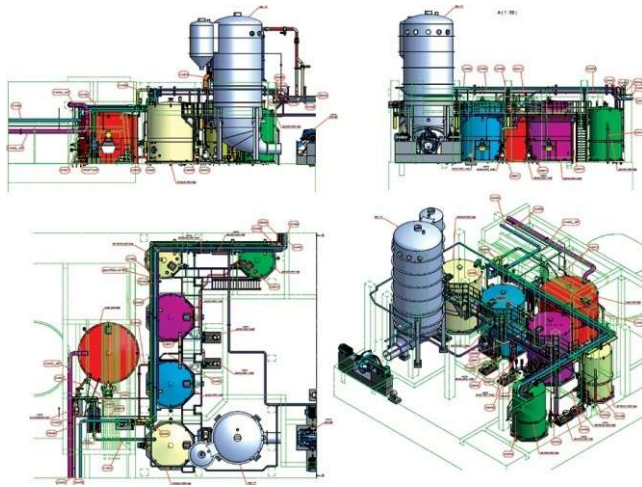
For industrial plant scale-ups.



Extensive network of partners and suppliers

Leading experts.

Basic and detailed engineering for auxiliary systems



- Stock preparation system
- Approach flow system
- Broke handling system
- Fresh and clarified water system
- Vacuum system
- Steam and condensate system

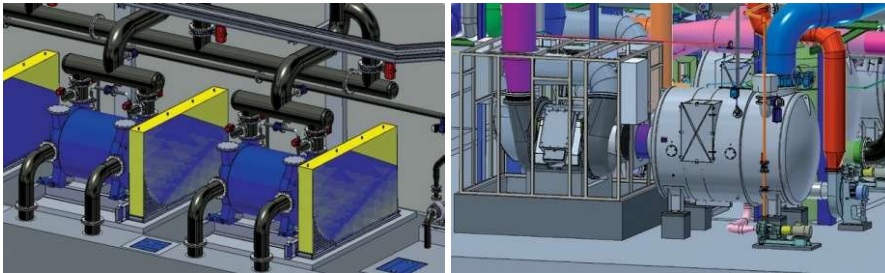
Specialists in turnkey installations



- Construction projects for machine beam and factory civil works
- Engineering and installation of access structures and walkways for tanks and equipment
- Equipment supplier
- Piping and metalwork equipment supplier
- Valve and instrumentation supplier



Vacuum systems



- Energy performance audits.
- Vacuum pump, TURBO Blower and hybrid installation proposals.
- Design of separators, silencers, canals, pits, tanks.
- Supply and installation of vacuum system equipment and elements.

Vacuum systems design in partnership with:



Nash® Gardner Denver vacuum pumps, compressors and systems representation



Leading experts in supply of compressors, blowers and vacuum systems. NASH agents in Spain since 1982.

TBP

thinks beyond planning

We develop both international and national joint projects. Headquartered in the Austrian city of Linz, the company has grown as an engineering service provider over the last 65 years, having its origin in the pulp and paper industry.



We export our know-how

The projects carried out by Orloga are backed by a long track record and experience in process engineering, both national and international, which makes us prepared to undertake the most complex projects.



Customer references



Diversification and application of knowledge and synergies for new industries



Food Industry



Detailed engineering design and implementation.

Manufacturing, auxiliary and packaging industries.



Biogas Plants



Design of plant and overall processes for biogas upgrading and methanization.

In collaboration with:

agile 
development projects



Mining



Energy efficiency studies for vacuum systems, performance tests.

Vacuum pump exchange programs.

We are committed to research and development in:



Bioeconomy



Circular Economy



New Materials

Projects with a clear industrial focus



Innovative

In response to emerging needs of our society.



Disruptive and completely new-to-market products and services.



Incremental

Increase of the value of existing applications



Industrial application

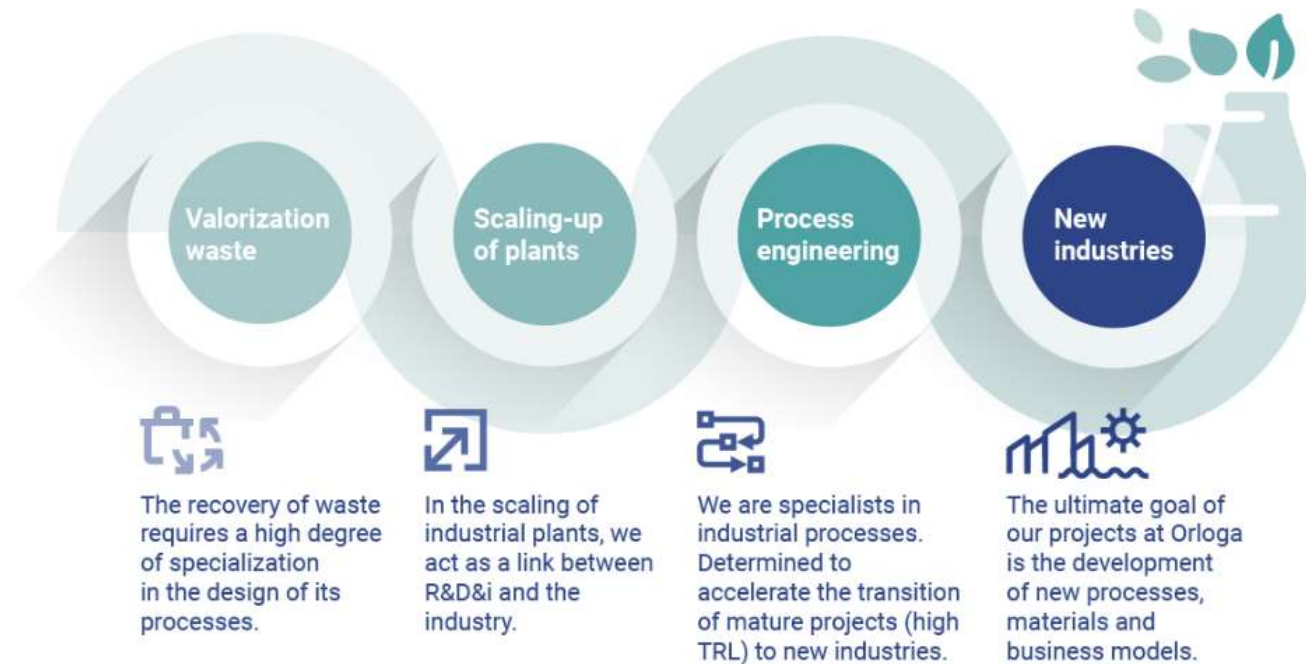
New processes focused on manufacturing new products of high added value.

Scaling of industrial plants alone and in collaboration



Goals

Launch environmentally sustainable applications and new industries.



We are committed to the sustainability of our planet and we want to be an active part of the change.

We are a team.

Engineers with versatile profiles, experience, specialisation and a proactive approach.



Service

Specialized, quality industrial consultancy. Quality, service and technological innovation as a business management model



Expertise

We have been in constant developing and growing in the sector for 40+ years.



Attitude

We are proactive, we love challenges. With this attitude, the future of the industry will withstand any challenge. We have no limits on the horizon.

Specialists in turnkey projects.

Engineering and manufacturing.

Link between R&D and industry.

Industrial plant scale-up



Thank you.



www.orloga.com