# Spanish manufacturing and engineering specialized in the design and manufacture of hydromechanical equipment is looking for partners to collaborate through Commercial agreement with technical assistance

## Summary

Profile type
**Technology offer**

Company's country
**Spain**

POD reference
**TOES20250218016**

Profile status
**PUBLISHED**

Type of partnership
**Commercial agreement with technical assistance**

Targeted countries
- **Canada**
- **Japan**
- **South Korea**
- **Indonesia**
- **Malaysia**
- **United States**

Contact Person
**Enrico FRANZIN**

Term of validity
**18 Feb 2025**
**18 Feb 2026**

Last update
**18 Feb 2025**

## General Information

Short summary

A Catalan (Spanish) manufacturing and engineering medium company with over 40 years of experience specialized in the design and manufacture of hydromechanical equipment is looking for partners to collaborate through Commercial agreement with technical assistance.

Full description

The company is specialised in the design and manufacture of butterfly valves, spherical valves, hollow jet valves, and annular valves. The company has a strong presence in Europe, Central, and South America, with established subsidiaries in Turkey and Peru. The company factory is certified by ISO 9001, ISO 14001, and OSHAS 18001, ensuring high-quality standards in its manufacturing processes.
Concerning engineering and manufacturing capabilities, the company uses the latest computer design and calculation software, including CAD 3D (Siemens NX / Siemens Solid Edge), FEM (Siemens NX, Robot), CFD

(Siemens NX, OpenFoam), Dyagats, Hytrans (water hammer), and Lantek. An experienced engineering team can adapt technically and economically to specific needs of clients.
Concerning Manufacturing Capabilities, the company is specialized in hydromechanical equipment, guaranteeing optimal manufacturing times through parallel and sequential production lines. The company has extensive facilities for boilermaking, cutting, welding, quality control, sandblasting, painting, precision machining, and assembly.
Product Range:

1. Butterfly Valves:
   - Pressure: PN6 to PN64
   - Diameter: 500mm to 6000mm
   - Options: 1 or 2 eccentricities, various actuation methods, position detectors, by-pass pipes, air adduction valves, and over speed mechanisms.
2. Spherical Valves:
   - Pressure: PN6 to PN64
   - Diameter: 200mm to 5000mm
   - Options: 1 or 2 seals, various actuation methods, maintenance seal fixing wedges, and by-pass pipes.
3. Hollow Jet Valves:
   - Pressure: PN6 to PN64
   - Diameter: 200mm to 6000mm
   - Options: Submerged, aerial, and optional concentrator hood.
4. Annular Valves:
   - Pressure: PN6 to PN64
   - Diameter: 300mm to 6000mm
   - Used for flow regulation in open conduits or channels.

Advantages and innovations

- Adaptability and Customization: Its hydropower valves, including butterfly, spherical, hollow jet, and annular valves, are designed according to DIN standards and can be customized to meet specific operating conditions and client requirements. This ensures optimal performance in various hydropower applications.
- High-Quality Materials and Construction: The valves are constructed using high-quality materials such as S355 J2+N, AISI 304, and EPDM, ensuring durability and reliability. The use of stainless steel and self-lubricating bearings enhances the longevity and maintenance efficiency of the valves.
- Versatile Operating Mechanisms: The company valves can be operated by hydraulic servomotors, electro-mechanical actuators, or manual geared motors, providing flexibility in control and operation. Proximity sensors for open and closed positions enhance operational safety and monitoring.
- Environmental Impact: The design of our valves minimizes environmental impact by allowing for efficient water flow regulation and control without significant disruption to the watercourse. This is particularly important for maintaining ecological balance and reducing the impact on aquatic life.
- Safety and Reliability: Features such as maintenance seal fixing wedges, by-pass pipes for pressure balancing, and the ability to operate in running water ensure the safety and reliability of our valves. These features help prevent system failures and ensure continuous operation under various conditions.
- Innovative Design Elements: The company valves incorporate advanced design elements such as rolled plate bodies with flanges, thick disk shutters, and solid stainless-steel shafts. These elements contribute to the robust construction and efficient performance of the valves.
- Comprehensive Quality Control: The manufacturing process includes rigorous quality control measures, including non-destructive testing (NDT) methods like PT, MT, UT, and RT, ensuring that each valve meets

Technical specification or expertise sought

Stage of development

**Already on the market**

Sustainable Development goals

- **Goal 11: Sustainable Cities and Communities**
- **Goal 7: Affordable and Clean Energy**

IPR Status

**No IPR applied**

IPR Notes

## Partner Sought

Expected role of the partner

The company is looking for partners in the following geographical areas:
- North America: Canada and USA
- Asia: Japan, Korea, Thailand, Malaysia and Indonesia

The company is actively seeking a strategic partnership with organisations having engineering and manufacturing capacities and understanding of hydropower valves at the designing, engineering, manufacturing, and/or installation stages of hydropower project development.
Specific area of activity of the Partners:
- Engineering Design Companies: Companies that develop hydroelectric dams, design or manufacture renewable energy technologies, or are suppliers to renewable energy industry. Interest in companies that can provide technical water engineering services, including hydrological studies, river hydraulics, and urban or agricultural hydraulic studies too.
- Manufacturing Companies: Companies with capabilities in producing hydromechanical equipment such as valves, hydropower turbines, gates and stop logs. Companies that can fabricate structural components and have experience in precision machining, welding, and quality control.
- Installation and Maintenance Companies: Companies that can handle the installation and commissioning of hydroelectric plants, ensuring the proper setup and operation of hydropower valves. Companies that can provide installation and commissioning of hydroelectric plants, ongoing maintenance services, operation activities, spare parts supply, or emergency interventions to ensure the reliability and safety of the hydropower systems.
- Small and Medium Enterprises (SMEs): SMEs that offer complementary manufacturing and engineering services. SMEs with a network of contacts in the renewable energy sector.

The ideal partner should have:
- Experience in trading with renewable energy products.
- A network of contacts in the hydropower sector.
- Technical proficiency in English.

The company is interested in joining forces with organizations that share long term vision for innovation, partnership and sustainability, enabling to complement each other's strengths and create meaningful synergies.

Type of partnership

**Commercial agreement with technical assistance**

Type and size of the partner

- **SME 50 - 249**
- **SME <=10**
- **Big company**

## Dissemination

Technology keywords

- **10004010 - Hydrology**
- **10004008 - Water Resources Management**

Market keywords

- **09003001 - Engineering services**

Targeted countries

- **Canada**
- **Japan**
- **South Korea**
- **Indonesia**
- **Malaysia**
- **United States**

Sector groups involved

## Media

Images



Butterfly valve



Ball valve