



Brochure



Commitment made of steel

COMPANY PROFILE

AMPO, located in Idiazabal, Spain, and founded in 1964, is an international leader in the design and manufacture of highly engineered valves and integrated smart solutions for the most severe applications and industries.



Fully inhouse manufacturing process



Worldwide references



Project based on people



Innovative spirit



700 + people



In more than 60 countries



Most important partners in the industry



Cutting edge technologies



Our commitment: the best service



Customer focus



Since 1964

AMPO FOUNDRY

"Our own foundry is fully in line with manufacturing processes, providing us with the best finish machined castings and service"

AMPO POYAM VALVES

"Our extensive range of highly engineered valves offer the highest level of reliability hand in hand with minimum maintenance costs"

AMPO SERVICE

"Through our Field Engineering Service team we guarantee a prompt response to customer needs wherever they are throughout the world"



WHY CHOOSE AMPO POYAM VALVES?

- C**ustomized valves under high specifications
- O**ptimum performance, high flexibility and adaptability
- M**inimum maintenance costs
- M**aximum care of our customers, suppliers and environment
- I**n-House manufacturing process
- T**rouble free and on-time delivery of quality products
- M**onitoring services
- E**xpertise and experience
- N**ew technologies development
- T**eamwork



Commitment made of steel



INDUSTRIES

Natural Gas Processing
Offshore & Subsea
Oil & Petroleum Refining, Petrochemical, Chemical & Power
Pipelines
Mining

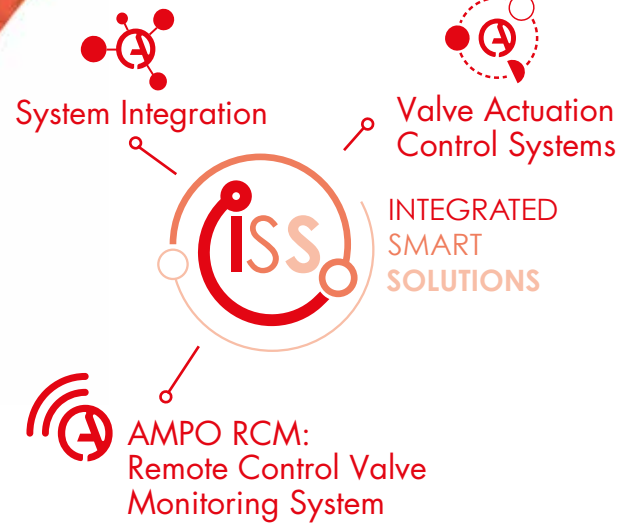
CUSTOMERS

These are some of the main customers who trust on AMPO:



VALVE RANGE

"AMPO POYAM VALVES offers the widest Ball, Gate, Globe, Check, Angle, Butterfly, Lift plug & switch plug valve solutions in the market "



Top Entry Ball Valves

Standards: API, BS, MSS, ANSI, ASME, ASTM, DIN

Classes: 150 lbs up to 2500 lbs

Sizes: 1/2" up to 60"

Construction: Extended bonnet. Bolted bonnet. Floating and trunnion-mounted ball. Full and reduced bore. Flanged, butt weld ends and both. Manual or motor - operated. Fire safe. Soft and metal seats.

Temperature: From 750°C down to -196°C (Cryogenic)



Split Body & End Entry Ball Valves

Standards: API, BS, MSS, ANSI, ASME, ASTM, DIN

Classes: 150 lbs up to 2500 lbs

Sizes: 1/2" up to 60"

Construction: Extended bonnet. Bolted bonnet. Fully welded. Floating and trunnion - mounted ball (2 or 3 pcs, cast or forged). Monoblock - Compact valves. Two balls - one body. Full and reduced bore. Flanged ends. Manual and motor - operated. Fire safe. Soft and metal seats.

Temperature: From 750°C down to -196°C (Cryogenic)



Gate, Globe & Check Valves

Standards: API, BS, MSS, ANSI, ASME, ASTM

Classes: 150 lbs up to 2500 lbs

Sizes: 1/2" up to 72"

Construction: Extended bonnet. Bolted bonnet. Flanged and butt weld ends. Manual and motor - operated. Throttling Service Globe valves. Metal and soft seats.

Temperature: From 750°C down to -196°C (Cryogenic)

Type:

- Gate: Standard Design (API600). Light Pattern Design (ASME B16.34). API 603 Through Conduit Double Expanding Gate valves. Through Conduit Slab Gate valves.
- Globe: Straight Pattern, y Pattern & Stop check, Needle.
- Check: Swing Check, Lift Check, Axial flow check.



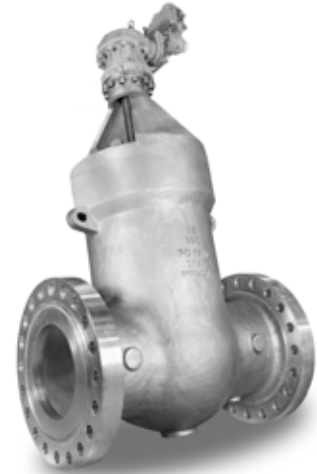
MAIN INNOVATION LINES

- Green valves
- Smart safety valves
- Hardwearing solutions

Pressure Seal Gate, Globe and Check Valves (High Pressure)

- Standards:** API, BS, MSS, ANSI, ASME, ASTM
Classes: 600 lbs up to 2500 lbs (Customized as per process needs)
Sizes: 2" up to 56"
Construction: Pressure Seal Bonnet. Extended bonnet (Gas column). Flanged and butt weld ends. Manual and motor - operated. Metal Seats.
Temperature: From 750°C down to -196°C (Cryogenic)

- Type:**
- Gate: Flexible wedge, parallel slide.
 - Globe: Straight pattern y pattern stop check.
 - Check valves: Swing check, lift check, tilting disc.



Lift Plug & Switch Plug Valves

- Standards:** API, BS, MSS, ANSI, ASME
Classes: 150 lbs up to 2500 lbs
Sizes: 2" up to 36"
Construction: Bolted bonnet. Flanged ends. Manual and motor - operated. Metal seats. Lift plug. Port Sizes: 100% and 70%. Accessories: Purge, drain and flushing connections.
Switch plug valves: 3 ways or 4 ways.

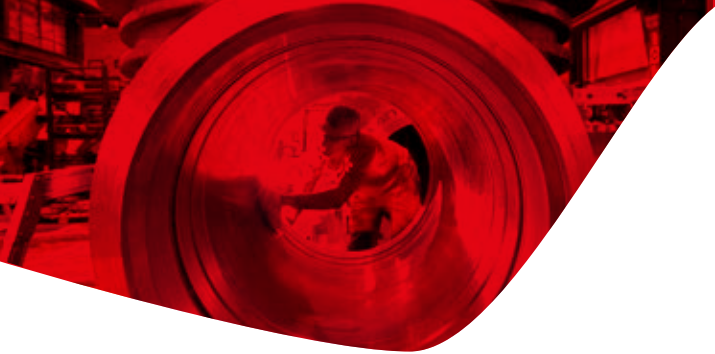


Severe Service Ball Valves

- Standards:** API, MSS, ANSI, ASME
Classes: 150 lbs up to 2500 lbs
Sizes: 1/2" up to 36"
Construction: Bolted bonnet. Floating ball. Full and reduced bore. Flanged ends, BW,SW. Manual and motor-operated. Special design for severe service conditions.
Temperature: Up to 750°C



Your global severe service valves partner



Butterfly Valves

Standards: API, BS

Classes: 150 lbs up to 600 lbs

Sizes: 3" up to 72"

Construction: Triple excentric. Cryogenic (Extended Bonnet). Resilient Seat (Soft or laminar). Fully bidirectional. Fire safe as per API 607.

Temperature: Down to -196°C

Type: Side Entry or Double flange (Short Pattern) as per API 609 category B.



Slurry Angle Valves

Standards: MSS, ANSI, ASME, ASTM

Classes: 150 lbs up to 1500 lbs

Sizes: 2" up to 30"

Construction: Angle 90°. Angle 45°. Bayonet. Straight - through. Three-way. Lift check. Lever, gear and motor-operated. Regrinding operation. Metal seats.

Grinbide ®, Fully automatic system.



SUBSEA VALVES

Valve types: Ball. Through Conduit Slab Gate. Swing check.

Standards: API 6DSS (ISO14723), API 6A / API 17D (ISO 01042/13628)

Classes:

- API 6DSS: 150 lbs up to 2500 lbs
- API 6A / API 17D: 3000 psi up to 15000 psi

Sizes:

- API 6DSS: 2" up to 36"
- API 6A / API 17D: 1 13/16" up to 16 3/4"

**Other sizes and pressure available on request.*

Construction:

- **Ball:** Floating or trunnion. Fully welded, top entry or side body. Metal to metal valve seat. SPE or DPE seat designs. Metal stem sealing options. Double or single block.
- **Through Conduit Slab Gate:** Metal to metal gate and seat sealing, with tungsten carbide hard facing. Internal bi-directional sealing. Double or single block.
- **Swing check:** Metal to metal seats, with tungsten carbide or stellite hardfacings. ROV lockable. Smooth internal bore. Clapper locking mechanism.



OUR INTEGRATED FOUNDRY

Our foundry is fully in-line with manufacturing processes, providing us with the best finish machined castings and service.

Moreover, AMPO POYAM VALVES is also designing and manufacturing FORGED ball valves which are enhanced by our top-class in-house machining and welding capabilities.

Material Range:

We work with a **wide range of materials**, being experts in stainless steel and high alloy castings:

*Austenitic Stainless Steels - Super Austenitic Stainless Steels -
Martensitic Stainless Steels - Austenitic-Ferritic Stainless Steels
(duplex and superduplex) - Nickel based alloys - Heat
resistant steels - Medium and low alloy steels - Carbon steels
- Low temperature Carbon steels - Titanium - Zirconium.*

Cutting Edge Machining and Weld Overlay Cladding Technologies:

In order to provide a complete service of finished products, a superior machining capability and better service, we have a new **12,500m2 machining shop** at the Foundry with the following **cutting-edge machining machinery**: *Twin vertical FMS lathes, a vertical lathe, a 5 axis FMS machining center, 5 Trevisan machines, 3 horizontal CNC lathes with C axis, etc.*

Our advanced technologies also allow AMPO to produce the **entire range of weld overlays** (Inconel 625, Incoloy 825, Nickel, Stellite 6, Colmoly, etc.) **fully in-house** to provide anticorrosive qualities and wear resistance, high temperature resistance, anti-coking, metal dusting resistance, etc. Cladding operations are handled with a high level of automation with our welding robots and six cladding cells.

We also offer **Plasma Transfer Arc Welding** for wedges, discs, plugs, seat rings and stems, as well as Tig Mig welding for pup pieces, seat rings and stellite welding.



Our foundry, machining and weld overlay cladding facilities at our own premises in Idiazabal, Gipuzkoa, Spain.

AMPO SERVICE

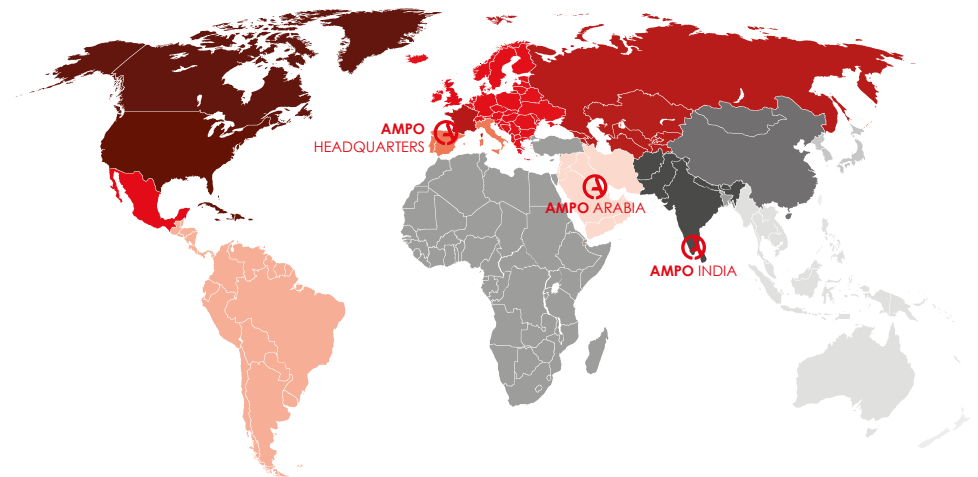
- Predictive and preventive maintenance
- Technical support
- Technical training
- Valve condition monitoring
- Spare parts and valve supply

On-site support within 72 hours.

Experience in executing global maintenance service for complete projects.



WORLDWIDE SALES AND MANUFACTURING NETWORK



AMPO Manufacturing plants
 Idiazabal - Spain
 Coimbatore - India
 Dammam - Saudi Arabia

Spain & Italy
 Naiara Aranburu
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France, Russia and Central Asia
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China
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Africa & Turkey
 Mohammed Mehdi
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India & Bordering countries
 Miguel Garcia
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Japan & Korea
 Julen Mugica
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Australasia
 Ander Janin
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MANUFACTURING PLANTS:

AMPO HEADQUARTERS

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AMPO ARABIA

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 Dammam 34326 - 2817, Saudi Arabia
 ampoarabia@ampo.com

AMPO is just 1 hour drive away from BILBAO (International Airport) and at the following distances from other important places:
 65 km west of Pamplona/45 km south of San Sebastian/ 70 km south of the French border.

