

Meca-inox

BALL VALVES

HIGH QUALITY BALL VALVES
BORN IN FRANCE, WORLDWIDE AVAILABLE



Since 1967, MECA-INOX has manufactured ball valves and is a European leading signature for high quality ball valves dedicated to Chemistry, Pharma & Cosmetic, Cryogenic fluids, Food & Beverage and Industry with more than 3 million valves installed all over the world and 150 000 ball valves yearly production. Expert in stainless steel and carbon steel ball valves technology, we have developed over the years a complete products offer internationally recognized for its reliability, performance, and flexibility of use. Combining high quality materials and our specific knowhow of design and manufacturing, our products meet the most stringent requirements. From our industrial sites of Gisors (France) and Dalian (China), our teams can support you anywhere in the world. Our network of distributors provide an optimal availability of our valves and equipment for your international projects.



ISO Container Ball Valves Solution



meca-inox.com.cn

EN -25

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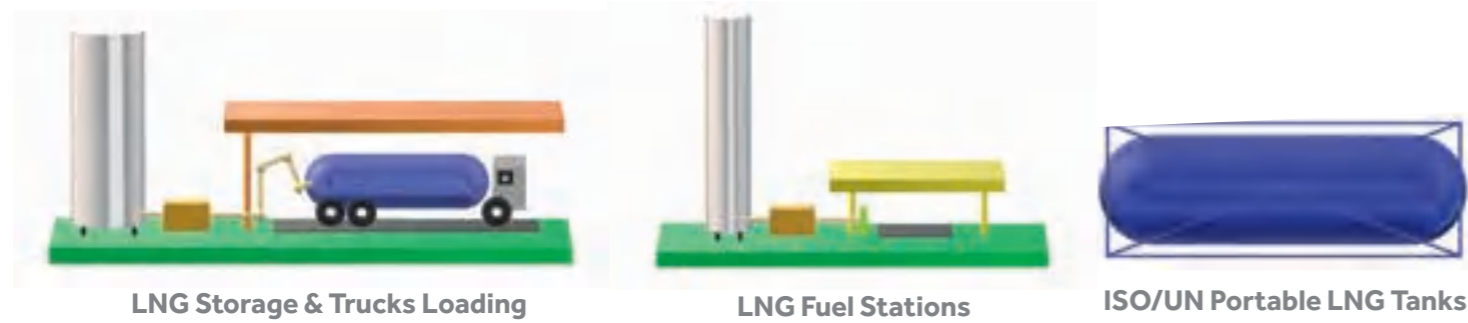


A BRAND OF GROUP
Meca-inox
SINCE 1955

Meca-inox
SINCE 1955



With more than **20** years experience in design and production of cryogenic ball valves. **MECA-INOX** specializes in supplying high quality **Emergency Shut-off Valves** and **Divertor Valves** for LNG ISO Container(20FT/40FT/45FT).



LNG Storage & Trucks Loading

LNG Fuel Stations

ISO/UN Portable LNG Tanks

OUR AWARDS

On 9 December 2014, Meca-Inox was awarded the first Technology Award at the first ceremony of Air Liquide Supplier Award Europe, for its system "Fire -Block" automatic mechanical actuator valve closure in case of fire .



MECA-INOX ball valves are market-oriented products. we create innovative products and bring value to our customers.

OUR MAIN CERTIFICATIONS



-ISO9001



-PED

-TSG Certificate for ESV(Class A)

STANDARD AND TYPE TEST

Applicable standard:

- ✓ GB/T 24918
- ✓ EN-12567
- ✓ EN 12516

Type test

Achieve special equipment type test certificate Emergency shut-off valve is:

- Nominal Pressure \leq PN4.0 Mpa
- Nominal Dimension \leq DN80mm
- Temperature: -196 C -50 C



Type test

OUR PATENT

MECA-INOX has obtained a number of patent certificates. In the future , we will continue to invest in technology innovation funds, further consolidate the company's technological advantages and market position,



我们的客户

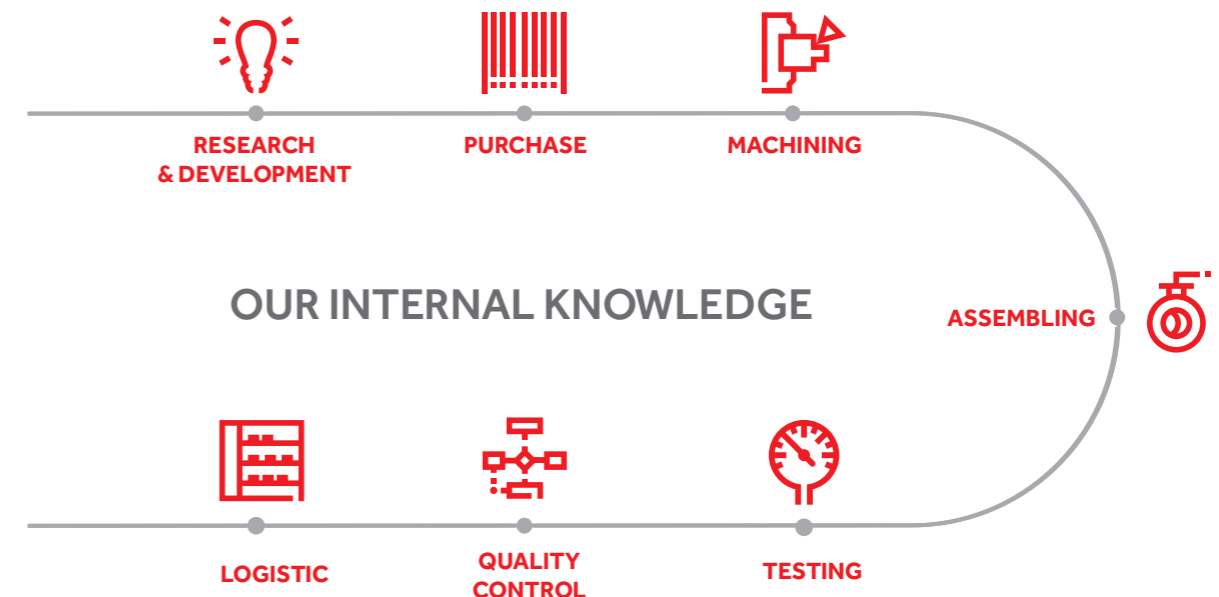
Air Liquide, BOC, Chart Group, Changlong, CIMC ENRIC, Cryolor, Cryostar, Cryovat, Engie, Eurotank,

2 INDUSTRIAL SITES : 7,000 m²

With more than 5,000 m² of Production and Assembly and 2,000 m² of Offices and Testing areas, our two industrial sites operate in synergy around 3 common pillars:
RESEARCH & DEVELOPMENT, PRODUCTION and QUALITY SYSTEM.



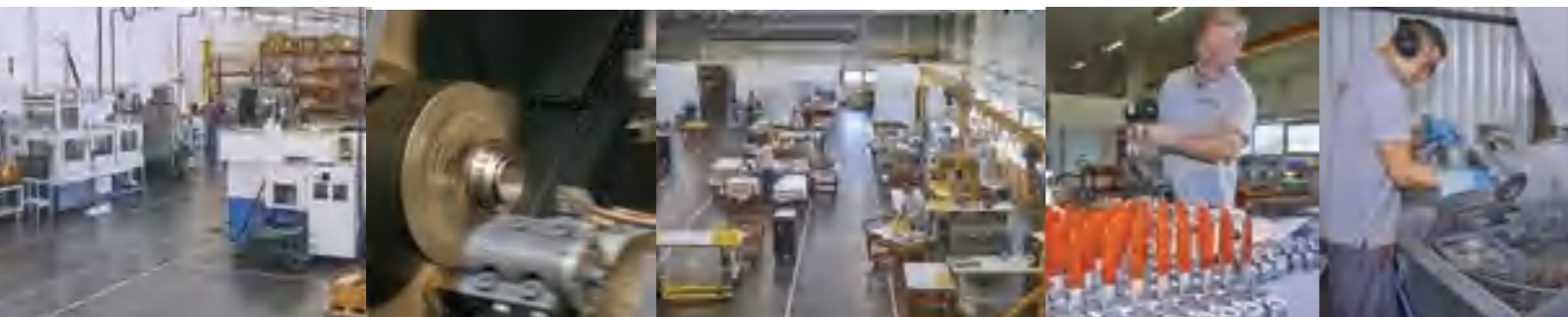
A COMPLETE MANAGEMENT OF ALL PRODUCTION STAGES



QUALITY IS THE HEART OF OUR BUSINESS

FOCUSED ON OUR CUSTOMERS SUCCESS

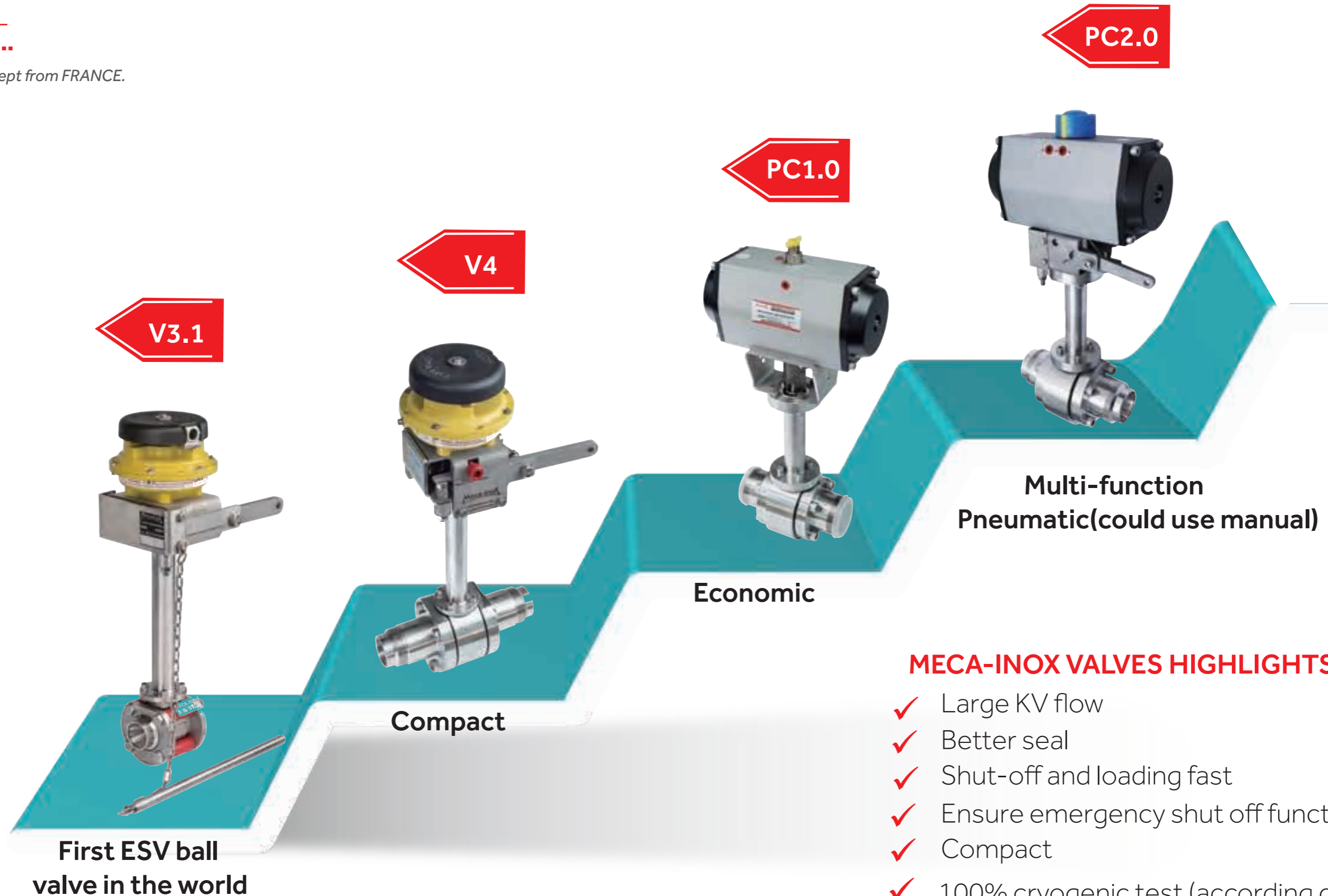
MECA-INOX has teams of engineers that deal with your projects from the enquiry to the delivery and deliver quality according to the user and project requirements.



EMERGENCY SHUT OFF VALVE - FIREBLOCK FAMILY

Since 2013 ...

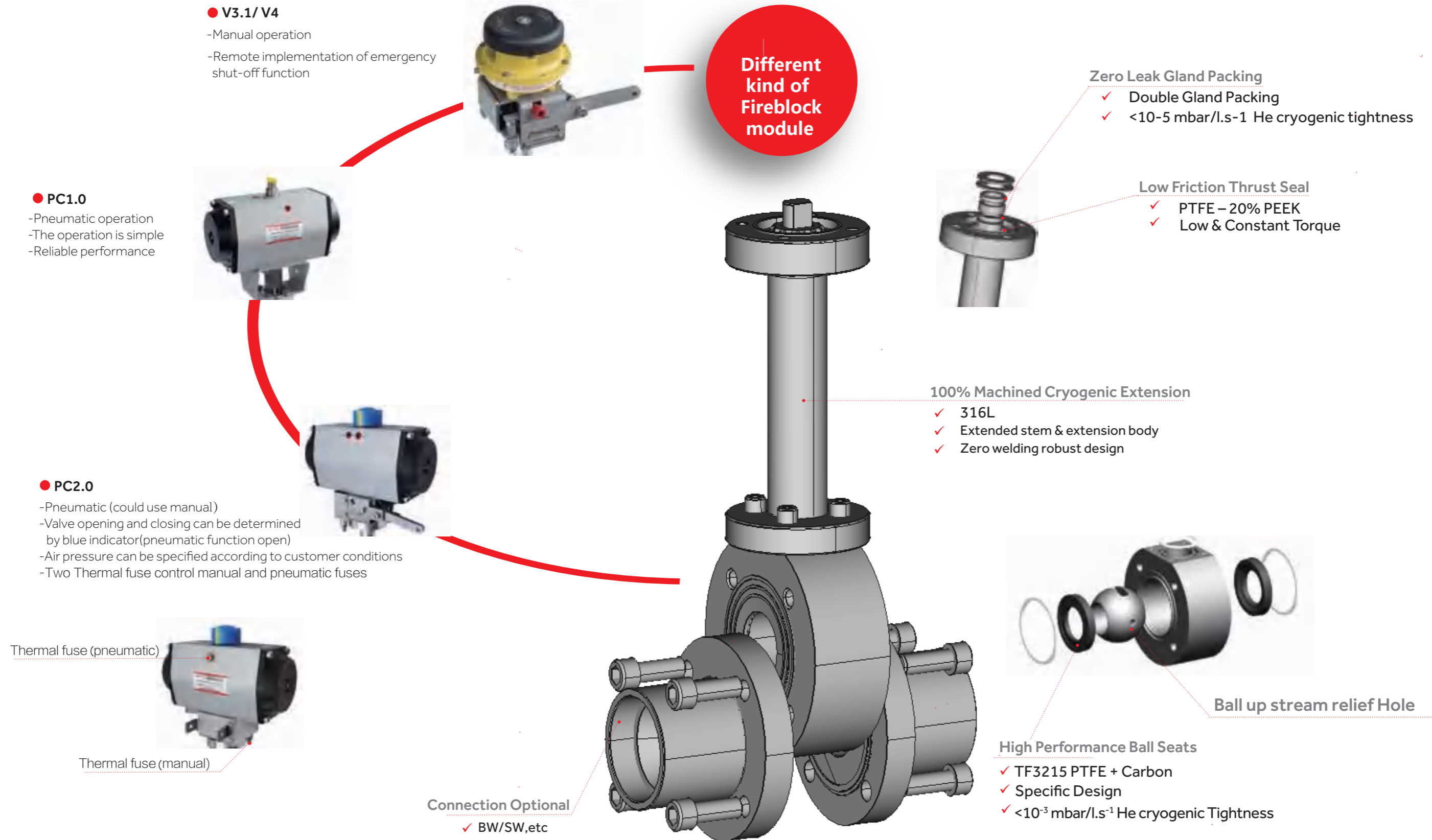
New design concept from FRANCE.



MECA-INOX VALVES HIGHLIGHTS

- ✓ Large KV flow
- ✓ Better seal
- ✓ Shut-off and loading fast
- ✓ Ensure emergency shut off functional all time
- ✓ Compact
- ✓ 100% cryogenic test (according customer condition) before delivery

Customizable



Fireblock application



Valve data sheet

Size	DN20-DN50/DV25-DV50
Pressure Class	PN40
Temp.	- 196°C to +100°C
Material	Body/Ball/Ends: 316L etc.
Valve closing time	≤5s
Application media	Ethylene, Ethane, Methane, LNG, LCO ₂ , LO ₂ , LN ₂ , LAr etc.

Diverter Family

3-way diverter valve used for two or more safety valves to protect gas storage tanks. Redundant or different safety device setting pressure instructions are required to be achieved through the 3-way diverter valve.



- Size: DN15-DN50
- Safety Valve optional: 4pcs, 2pcs
- Diverting flow: 3VTH or 3VLH
- Operation: Horizontal or vertical
- Body: Casting or Machined
- Connection: BW or SW, etc.
- Safety valve: According customer requirement

Strength & Tightness

Normal Test

- Functional: EN1626 & EN12266-1 Standard
- **100%** test before delivery

Cryogenic test according to customer requirement.
石墨

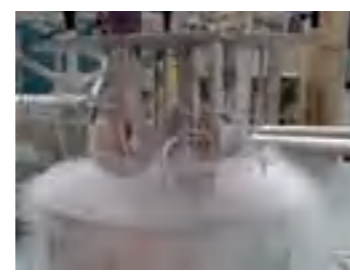
- ✓ EN12266-1 "A Class"
- ✓ Helium Tightness < 10⁻⁵ mbar/1.s⁻¹
- ✓ Vacuum seal 10⁻³ mbar



Cryogenic test in MECA-INOX



Strength & Tightness
EN 12266-1, ISO 5208
TA Luft «BH Class»



Functional Test
EN 12266-1, EN 1626
BS6364 (customizd)



Kinetrol + Bronze head support (special design for customer)



FB V4 Valves used in LNG tanks

Availability & maintenance

- ✓ **All ends machined** in our workshops
- ✓ **Professional** technical support
 - calculation notes
 - product selection
 - specific certifications
 - ...
- ✓ **Permanent stock** of spare parts
- ✓ Spare parts delivery **within 48 hours**
- ✓ **Customer Service team** track your orders and to guarantee your satisfaction

After-sales service

- ✓ Installation training
- ✓ Maintenance training
- ✓ Operational analysis
- ✓ Servicing supervision

More Than 5 000 ESV Valves for ISO Container Since 2018