

MANUFACTURES/STOCKS&SUPPLIES/PIPING MATERIALS/PIPES&TUBES/  
BUTT WELD FITTINGS/FLANGES/ AUSTENITIC STAINLESS STEEL/  
DUPLX&SUPERDUPLX/ 6MO/NICKEL ALLOYS/TITANIUM/ALLOY STEEL



WE DELIVER THE PERFORMANCE YOU NEED  
// FROM PRODUCTION // FROM STOCK // FOR PROJECTS WORLDWIDE







*“In a market like piping, we are judged not only on the quality and the reliability of the materials and the right prices, but also for the ability to demonstrate, through the services we offer, that we are a trustworthy partner, an operator who understands the wide range of possible customer requirements and how to foresee them. Seventy years of experience and a complete knowledge of market dynamics, have led us to developing and applying a philosophy of total quality well before this concept became a widespread requirement.”*

Luca Pentericci, President of Raccortubi Group.



RACCORTUBI GROUP MANUFACTURES, STOCKS AND SUPPLIES PIPING MATERIALS DESTINED FOR CRITICAL APPLICATIONS SUCH AS CHEMICAL AND PETROCHEMICAL PLANTS, OIL INSTALLATIONS, POWER PLANTS, SHIPYARDS, FERTILISER PLANTS AND OFFSHORE PLATFORMS.

It provides pipes, tubes, butt weld fittings and flanges in austenitic stainless steel, duplex, super duplex, 6mo, nickel alloys and titanium from stocks at distribution points in Italy, Brazil, Dubai, Singapore and the United Kingdom.

 raccortubi group

What makes Raccortubi Group stand out is its efficient combination of stockholding and manufacturing activities that offers customers **added value**:

- + integrated production of butt weld fittings
- + a wide range of pipes in stock constantly reserved as base material for fittings production
- + an efficient production planning combined with flexible manufacturing
- + consistent stock replenishment by integrated mills
- + global distribution network
- + more than 6,000 items available from stock
- + buffer stock for frame agreements
- + same day airfreight delivery for a single item from stock
- + complete project packages for piping materials in a wide range of steel grades and specifications

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**COMPREHENSIVE / HIGH-QUALITY / COST-EFFECTIVE  
FLEXIBLE SOLUTIONS TO SHORT TIMESCALES**



GROUP'S HISTORY

**RACCORTUBI** IS  
FOUNDED AS A SUPPLIER  
OF IRON FITTINGS

**1949**

**TECNINOX**,  
MANUFACTURER OF  
BUTT WELD FITTINGS  
IN STAINLESS STEEL AND  
SPECIAL ALLOYS,  
IS ESTABLISHED  
BY RACCORTUBI

**1988**

**RACCORTUBI** BECOMES  
THE FIRST ITALIAN  
STOCKIST OF BOTH  
STAINLESS STEEL  
FITTINGS AND PIPES FOR  
PETROCHEMICAL PLANTS

**1977**

**RACCORTUBI** BECOMES  
THE FIRST ITALIAN  
STOCKHOLDER  
TO OBTAIN  
ISO 9002 CERTIFICATION,  
LATER EXTENDED  
TO THE PRODUCTION

**1991**

**TECNINOX** IS THE FIRST  
SEAMLESS BUTT WELD  
FITTINGS MANUFACTURER  
IN THE WORLD TO BE  
GRANTED **NORSOK M-650  
ED. 4 CERTIFICATION**

**2012**

**RACCORTUBI** ESTABLISHES  
THREE NEW SUBSIDIARIES:  
**RACCORTUBI DO BRASIL,  
RACCORTUBI MIDDLE EAST  
& RACCORTUBI SINGAPORE**

**2013**

**RACCORTUBI** ACQUIRES  
**PETROL RACCORD**,  
BUTT WELD FITTINGS  
MANUFACTURER  
IN PIACENZA

**2014**

**RACCORTUBI** ACQUIRES  
NORSK ALLOYS  
IN ABERDEEN (SCOTLAND),  
STOCKHOLDER OF  
PIPING MATERIALS FOR  
THE OIL & GAS INDUSTRY,  
AND FORMS  
**RACCORTUBI NORSK**

**2015**



OUR WORLDWIDE NETWORK



1 One-stop shop for all your piping needs, from a single piece to complete projects.



4 Stockholder and project supplier with internal fittings production.



2 Stainless steel and special alloy butt weld fitting cold-forming.



5 Large local stock from Dubai - Jebel Ali free zone.



3 Butt weld fitting manufacturing, including on customer drawing, for oil & gas, power and nuclear applications.



6 Your ideal partner for any North Sea offshore application.



7 A large warehouse for all Southeast Asian piping needs.



## GROUP'S COMPANIES

### raccortubi

Raccortubi S.p.A., based just outside Milan, represents **Group headquarters**, ensuring that its **global distribution network** is working to the height of efficiency. It has a large warehouse for the direct distribution of piping materials in stainless steel and special alloys, and, together with its **integrated production mills** and **strategic supplier partnerships**, Raccortubi handles **complete projects worldwide**.

### tecninox

Tecninox is Raccortubi's **integrated manufacturing plant** for the production of **cold-formed butt weld fittings**. Its presence within the Group means that, on top of existing production, extraordinary quantities or particular types of fittings can be manufactured to customer requirements with short lead times. Raw material is taken from Raccortubi stock and inserted directly into Tecninox's **flexible production planning**, structured according to **Raccortubi stock replenishment** with a **reserve for last-minute customer urgencies**.

### PETROL RACCORD

Petrol Raccord was acquired by Raccortubi at the end of 2014 in a move to extend and complete the Group's production range. It manufactures **butt weld fittings up to 56"**, almost **without wall thickness limitations**, and an increasing part of production is dedicated to **special/customised fittings**. Since the acquisition considerable **investments** have been made at the plant, particularly in terms of raw material stock, advanced machinery and welding capabilities, to enhance efficiency and cost-effectiveness.

### raccortubi do brasil

### tecninox do brasil

Raccortubi do Brasil **stocks** and **supplies pipes, fittings** and **flanges** in austenitic stainless steel, duplex, superduplex, 6Mo, nickel alloys and titanium. In 2013, Raccortubi Group decided to establish a subsidiary in Brazil to **cut logistical times and costs for regional customers**. It chose to replicate the set-up of Raccortubi S.p.A. in Europe, boasting of distribution from a sizeable stock backed up by the **internal fittings production of Tecninox Do Brasil**.

### raccortubi middle east

Raccortubi has always supplied its products to the major stockists in the Middle East. Nevertheless, it decided to establish its own **local stock of piping materials** in **standard and special grades** to serve clients in the area directly. With a physical presence, as well as a **warehouse** from which to fulfil order requests immediately, Raccortubi is better supporting customers, offering them greater efficiency and cost-effectiveness.

### raccortubi norsk

Raccortubi Norsk is an **experienced stockholder** of **specialist piping materials** for the Oil & Gas industry. Formally known as Norsk Alloys, Raccortubi Norsk was acquired by Raccortubi Group in 2015 to extend its **distribution network** to the United Kingdom. With **additional stock material** and **on-demand manufacturing** at its disposal from Group headquarters and integrated mills, Raccortubi Norsk fulfils customer orders quickly and cost-effectively.

### raccortubi singapore

Established by Raccortubi Group in 2013 to **act locally** and as a **hub for the surrounding markets**, Raccortubi Singapore represents a firm reference point for the Group in Southeast Asia. It boasts of a large **warehouse** where it stocks a wide range of **piping materials** in **stainless steel** and **special alloys** for **immediate delivery** to customers in the region.



THREE PILLARS:  
**PRODUCTION** //  
STOCK //  
PROJECTS //



PRODUCTION is the first tile of our supplying platform.

The extensive raw material availability allows the two highly specialised manufacturing plants to be both flexible and reliable, qualities which are among the main strengths at Raccortubi Group.

Counting on sophisticated machineries and equipment, many of which are developed in house, Tecnox and Petrol Raccord manufacture butt weld fittings in austenitic stainless steel, duplex, super duplex, 6MO, nickel alloys and titanium.

Specifically, **Tecnox** performs cold-forming from ½” to 16” – Sch. 10S up to XXS through an efficient delivery planning, based on prediction of customer requests and the allocation of the necessary raw material, providing for adaptive solutions for both stock replenishment and project supplies. The flexibility offered by Tecnox allows the Group to offer complete, tailored, cost-effective solutions, reducing overall costs.

At **Petrol Raccord**, fittings are hot-formed up to 56” almost without any wall thickness limitation. Moreover, Petrol Raccord is historically involved in the production of butt weld fittings for power plants in alloy steel (P5, P9, P11, P22, P91, P92, and more...) as well as in high yield steel (WPHY60, WPHY65, WPHY70). The expertise and technical knowledge of Petrol Raccord has led to the development of a highly specialized production of special fittings according to customer drawing such as flow and barred tees, Y pieces, lateral tees, manifolds and headers.

The investments recently carried out have increased the productivity of both plants, in terms of new machinery in the welding department and implementing a plan for efficiency and effectiveness improvement. Furthermore, the extensive raw material availability of plates (up to 50mm thick) and pipes in many special grades enables Tecnox and Petrol Raccord to perform deliveries in 4-6 weeks thanks to a dedicated production route – Fast Track.



THREE PILLARS:  
PRODUCTION //  
**STOCK** //  
PROJECTS //



Starting in 1949 as a supplier of piping material for the Oil & Gas industry, now the Group's STOCKS in Italy, Brazil, Dubai, Singapore and the UK act as strategic distribution points for the Group worldwide, providing pipes, tubes, fittings and flanges also destined for power plants, urea and fertiliser plants, shipyards, oil platforms and desalination applications.

We have pipes, tubes, fittings, and flanges in a wide range of diameters and thicknesses, in austenitic stainless steel, duplex, super duplex, 6mo, nickel alloys and titanium.

Urea grade pipes and fittings are also available at all global locations, as well as heat exchanger tubes (cut-to-size), instrumentation tubing and high temperature materials.

All our items are complemented with their relevant certificates, managed through special software making them immediately available on-line.

In Italy, the large stock consisting of over **6,000 items** supplies not only ex-stock materials directly to customers, but also raw material to its integrated production facilities. Group mills ensure that Raccortubi stocks are constantly replenished, giving them a consistent supply of butt weld fittings from which to fulfil customer orders immediately and a buffer stock for frame agreements.



THREE PILLARS:  
PRODUCTION //  
STOCK //  
**PROJECTS //**



Benefitting from the perfect combination between manufacturing and distribution, Raccortubi Group supplies complete project packages for all critical applications as well as complex projects promptly and cost-effectively.

Our successful experience as a supplier of complete project packages for EPCs derives from our special business model that integrates manufacturing and stockholding units - strategically located all over the world, providing both ex-stock material as well as made-to-order supplies.

Our well-established relationships with selected suppliers enable us to provide a wide range of materials, both strategic and complimentary.

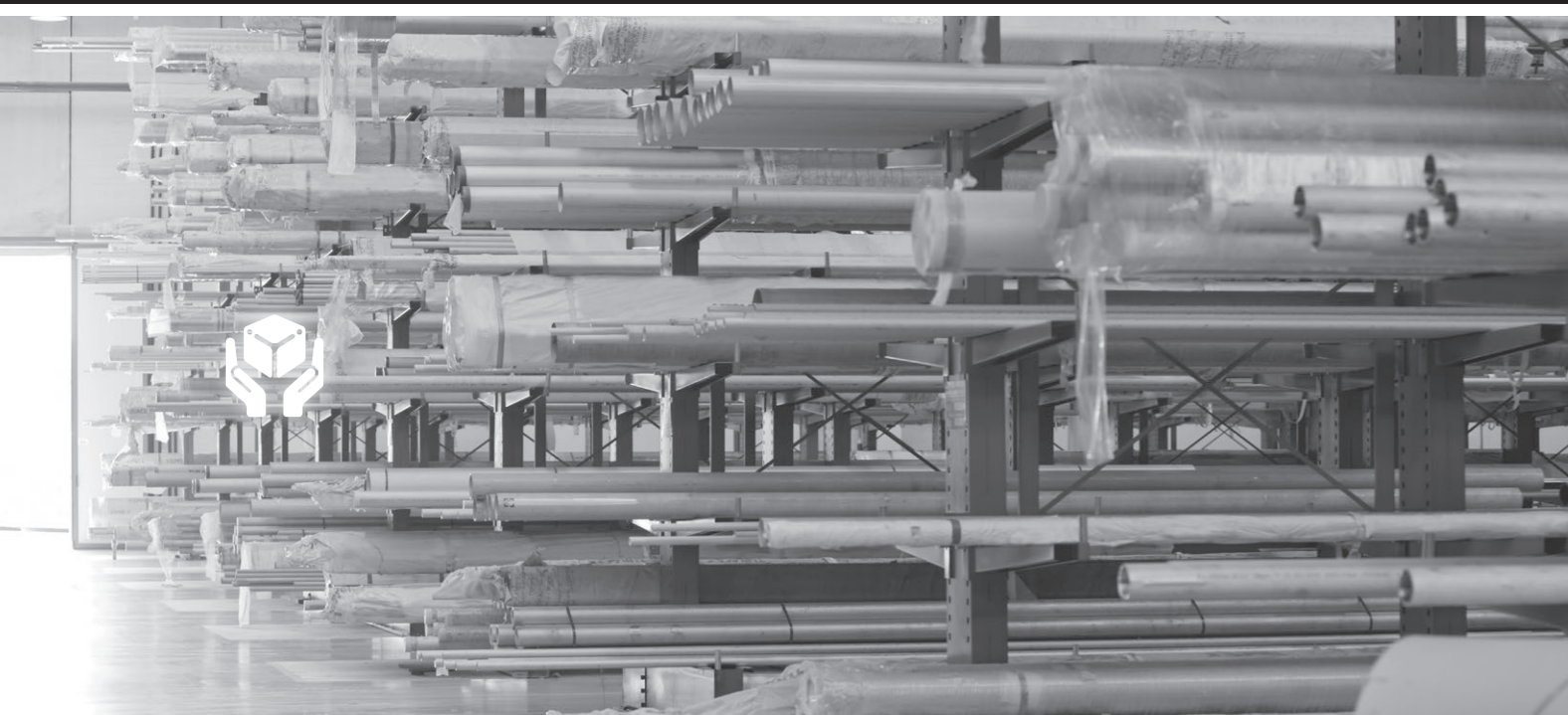
The Group organizational setup makes us a privileged partner for any project need. We can supply ex-stock material to very short timescales, whilst unusual orders can be inserted directly into adaptive production planning.

Therefore, Raccortubi is a single point of contact for all piping requirements, guaranteeing fully tested, fully traceable and certified products as well as excellent delivery performance.





OUR SYNERGY, YOUR CHOICE



WE DELIVER THE PERFORMANCE YOU NEED  
// FROM PRODUCTION // FROM STOCK // FOR PROJECTS WORLDWIDE



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SYNERGY IS BETWEEN PRODUCTION, STOCKHOLDING  
AND DISTRIBUTION, AND PROJECT SUPPLYING.

This perfect combination between stockholding and manufacturing activities results in the capability to meet customer requirements for delivery, whether items are required within one day or one year.

Products can be quickly either supplied from stock or from the incoming stock replenishment, or, to a lesser degree, produced from scratch.

Therefore, when a large order is received, what is available off-the-shelf is immediately reserved, together with the incoming items from the corporate manufacturing plants, and then a back-to-back order is issued to produce the remaining items from scratch. Therefore, most of the job can be supplied from stock, while focusing on a dedicated production lot guarantees precision and punctuality.







# QUALITY

Testing carried out in-house at the internal laboratory or outsourced to ISO 17025 qualified laboratories.

## DESTRUCTIVE TESTING

- > Tension test
- > Impact test
- > Bend test
- > Flattening test
- > Flaring test
- > Hardness test
- > Macro- and micro-graphic examination
- > Product analysis
- > ASTM E562
- > ASTM A262 pr. A-B-C-E-F
- > ASTM G28 meth. A-B
- > ASTM A923 A-B-C

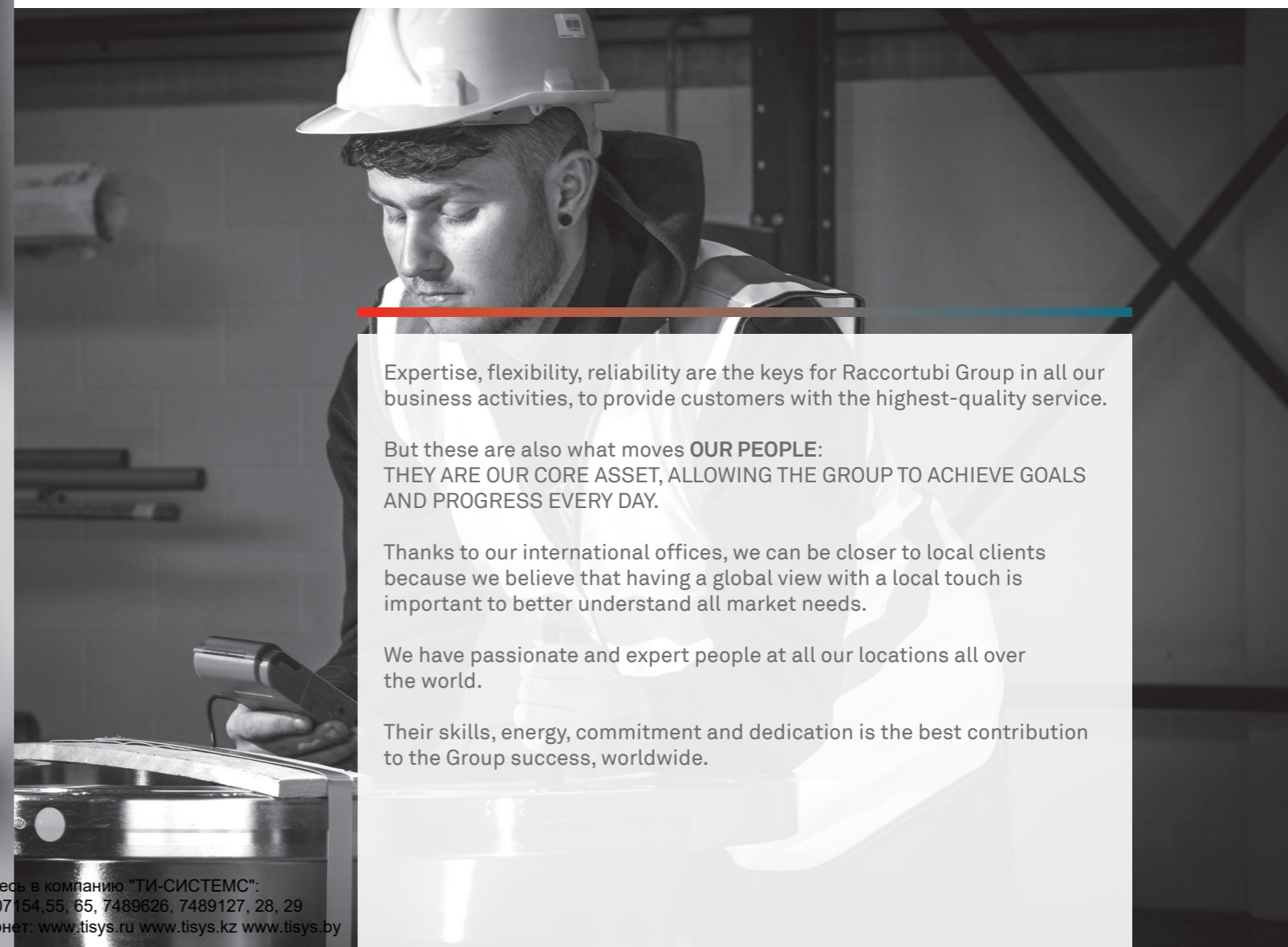
## NON-DESTRUCTIVE TESTING

- > Ultrasonic test
- > Dye penetrant test
- > Magnetic particle inspection
- > Radiographic test
- > Ferrite check
- > Positive material identification (XRF-OES)
- > Eddy current test
- > Hydrostatic test
- > Visual & dimensional inspection

## CERTIFICATIONS

- > ISO 9001:2015
- > OHSAS 18001:07
- > ISO 14001:2015
- > PED 2014/68/UE
- > ASME III NCA-3800 FOR NUCLEAR APPLICATIONS
- > NORSOK M-650 ED. 4
- > VARIETY OF INTERNATIONAL END-USER APPROVALS

# PEOPLE



Expertise, flexibility, reliability are the keys for Raccortubi Group in all our business activities, to provide customers with the highest-quality service.

But these are also what moves **OUR PEOPLE**:  
THEY ARE OUR CORE ASSET, ALLOWING THE GROUP TO ACHIEVE GOALS AND PROGRESS EVERY DAY.

Thanks to our international offices, we can be closer to local clients because we believe that having a global view with a local touch is important to better understand all market needs.

We have passionate and expert people at all our locations all over the world.

Their skills, energy, commitment and dedication is the best contribution to the Group success, worldwide.





По всем вопросам обращайтесь в компанию "ТИ-СИСТЕМС":  
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