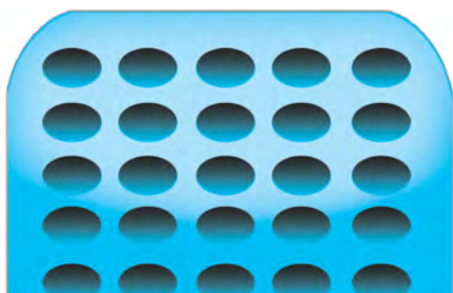


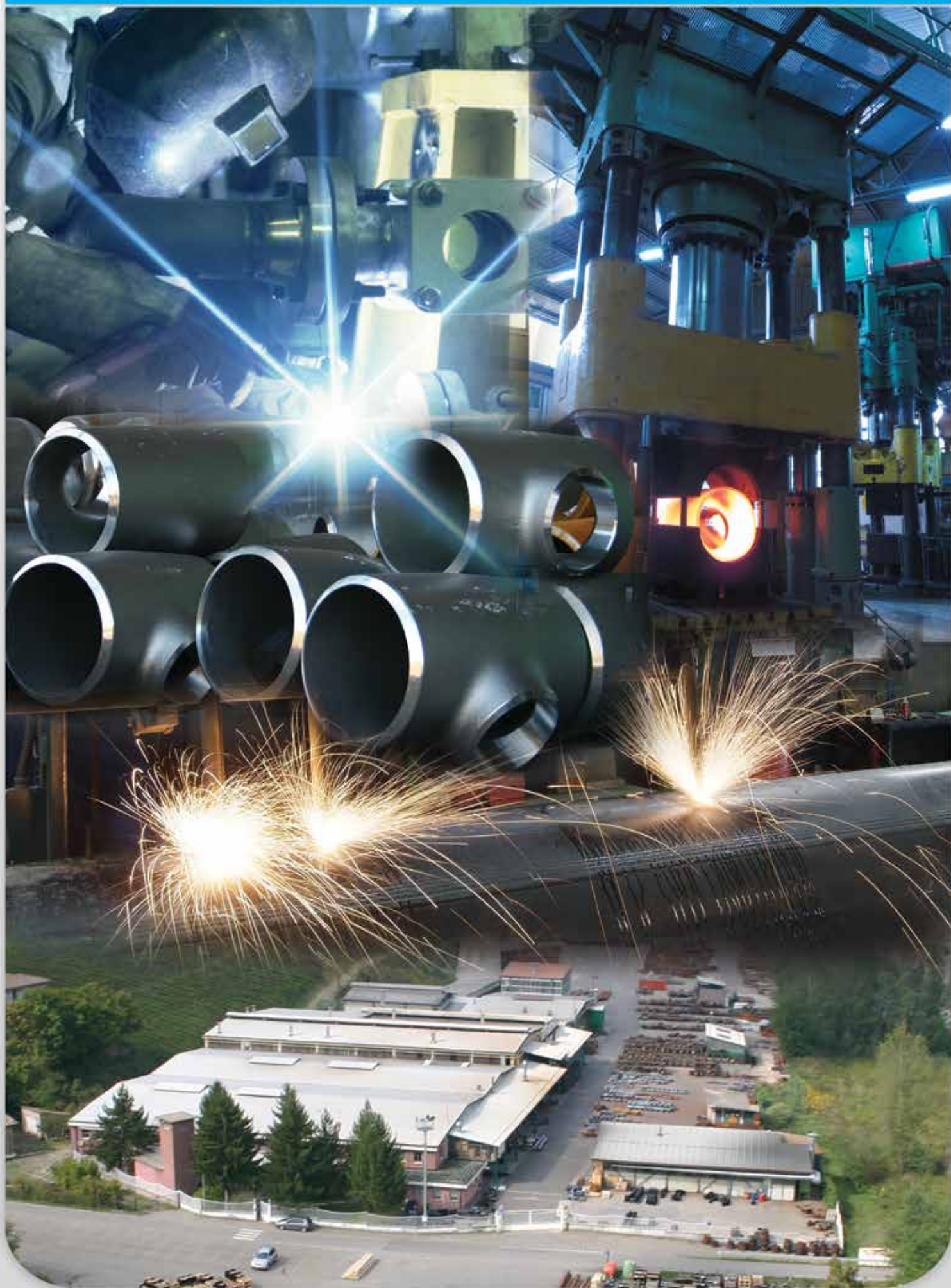


NRF **RACCORDI
FORGIATI**



BUTTWELDING
FITTINGS AND
SPECIAL PRODUCTS

RACCORDI FORGIATI



Manufacturing

Company profile

Since its foundation in 1976, in Nibbiano, Piacenza, Italy, **Raccordi Forgiati** (total area 41,000 sqm.) has been developing its position in the butt-weld fittings market; in 2005, it was incorporated into the **Allied International Group**. It is well-known as a manufacturer of a full range of elbows, tees, reducers and caps.

The company, with headquarters and plant in Nibbiano, Piacenza, Italy, has a yearly production capacity of 10,000 tonnes for a range of 20,000 items and is supported by a large stock of raw materials and finished products.

The main clients include global players in the oil, gas and petrochemical industrial sectors who demand different materials such as carbon steel grades featuring moderate and low temperature, high yield characteristics, alloy steel grades for elevated temperatures, austenitic and austenitic/ferritic stainless steels including duplex and superduplex, and nickel base non-ferrous alloys.



Company details

Company Name
RACCORDI FORGIATI S.R.L.

Registered Office
Località Vascellino
29010 Nibbiano Val Tidone
(Piacenza), Italy

Chamber of Commerce
REA PC/161090

Paid Capital
Euro 300,000.00

VAT No.
IT 01422090330

Administration and Works
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Sales Office
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Website
www.raccordiforgiati.com

Products & target markets

Raccordi Forgiati's production is mainly destined for oil&gas, offshore/subsea, petrochemical and thermal power sectors.

The company produces a full range of top quality butt welding elbows, equal and reducing tees, concentric and eccentric reducers and caps, in the size range from 1/2" NPS to 36" NPS.

The close co-operation with clients, as well as the integration into **Allied International Group's** factories and operations, give **Raccordi Forgiati** the opportunity to keep products quality constantly in line with the international standards.

Standard fittings

TYPE OF PRODUCT	DIMENSIONS	STEEL	EXECUTION
Elbows	Up to 16"	All grades	Seamless and welded (hot formed)
Equal and reducing tees	Up to 30"	All grades	Seamless and welded (hot formed)
Concentric and eccentric reducers	Up to 36"	All grades	Seamless and welded (hot formed)
Caps	Up to 36"	All grades	Hot formed

Special fittings

TYPE OF PRODUCT	DIMENSIONS	STEEL	EXECUTION
Barred tees	Up to 30"	All grades	Seamless and welded (hot formed)
Special flow tees	Up to 30"	All grades	Seamless and welded
Equal and reducing crosses	Up to 30"	All grades	Seamless and welded
Laterals "Y" pieces	Up to 36"	All grades	Welded

Special fittings as per client's drawing



Materials used and related International Standards

CARBON AND ALLOY STEEL FOR ROOM, MODERATE AND ELEVATED TEMPERATURES

- ASTM / ASME A234: WPB - WPC - WP1 - WP11 - WP12 - WP5 - WP22 - WP9 - WP91
- EN 10216-2 : P195GH - P235GH - P265GH 20MnNb6 - 16Mo3 - 8MoB5-4 - 14MoV63 10CrMo5-5 - 13CrMo4-5 - 10CrMo9-10 15NiCuMoNb5-6-4 - X11CrMo5 X11CrMo9-1 - X10CrMoVNb9-1 X10CrWMoVNb9-2 - X20CrMoV11-1 (former BS-DIN-AFNOR equivalent grades)
- EN 10253-1 - EN 10253-2

STAINLESS STEEL

- ASTM / ASME A/SA 403: WP304 WP304L - WP304H - WP304LN - WP304N WP316 - WP316L - WP316H - WP316LN WP316N - WP317 - WP317L - WP321 WP321H - WP347 - WP347H - WPS31254
- Equivalent grades of EN 10253-3 EN - 10253-4 (former AFNOR-DIN-BS equivalent grades)

HIGH YIELD STEEL FOR PIPELINE AND OFFSHORE

- ASTM A860 / MSS-SP75: WPHY 42 WPHY 46 - WPHY 52 - WPHY 56 WPHY 60 - WPHY 65 - WPHY 70 WPHY 80 grades
- EN 10208-2: L245NB - L290NB L360NB - L415NB - L360QB L415QB - L450QB - L485QB - L555QB

AUSTENITIC/FERRITIC STAINLESS STEEL

- ASTM / ASME A/SA 815: UNS 31803 (duplex) UNS 32750 (duplex) UNS 32760 (duplex) UNS 32550 (superduplex) and equivalent

TITANIUM ALLOY

- ASTM / ASME B/SB363: WPT2 - WPT12

CARBON AND ALLOY STEEL FOR LOW TEMPERATURE SERVICE

- ASTM / ASME A/SA 420: WPL6 - WPL3

NICKEL ALLOY

- ASTM / ASME B/SB 366: UNS N04400 UNS N06600 - UNS N06625 UNS N08020 - UNS N08800 UNS N08811 - UNS N08825 UNS N10276

COPPER ALLOY

- Copper-nickel ASTM / ASME B/SB466: UNS C 70600 (CuNi 90/10) UNS C 71500 (CuNi 70/30)

ALUMINUM ALLOY

- ASTM B361: 3003 and 6061 grades

Design codes

- ASME B31.1 - ASME B31.3 - ASME B31.4 - ASME B31.8
- EN 13445 - 13480 - 12952 (former BS PD 5500 - Swedish ordinance AFS 1994:39)
- DIN 2413 - TRD 301
- AD 2000 Merkblatt B2-B3-B9
- STOOMWEZEN rules for pressure vessels

Manufacturing Standards

- ASME B16.9 - ASME B16.28 - ASME B16.25 - MSS-SP75 MSS-SP43
- DIN 2605 - 2606 - 2615 - 2616 - 2617 - BS 1640
- GOST 17374 - 17375 - 17376 - 17377- 17378 - 17379 17380



Certifications

- AD 2000 MERKBLATT W0 by TÜV NORD
- ISO 9001:2008 PED Certificate by LRQA
- NORSOK M-650
- CUSTOM UNION Certificate TRTS 32/2013

In addition to these Certifications, issued by public entities and organizations, **Raccordi Forgiati** has Approvals issued by private and public companies, such as: **Aramco, Gazprom-Vniigaz, Inspecta, ONGC, Snam Rete Gas, Total.**

ALLIED IN THE WORLD



RACCORDI FORGIATI S.R.L.

Administration & Works

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