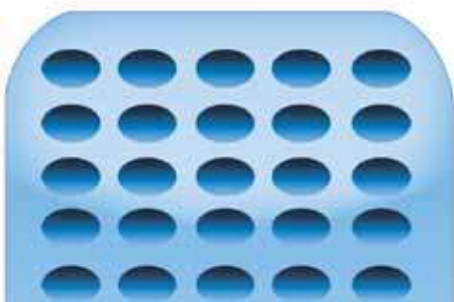




NRF **RACCORDI
FORGIATI**



**BUTTWELDING
FITTINGS AND
SPECIAL PRODUCTS**



Company profile

Since its foundation in 1976, in Nibbiano, Piacenza, Italy, **Raccordi Forgiati** (total area 41,000 sq m) has been developing its position in the butt-weld fittings market; in 2005, it was incorporated into **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.



The new furnace, pressing and boring machines

Company details

Company Name
RACCORDI FORGIATI S.R.L.

Registered Office
Località Vascellino di
Nibbiano
29031 Alta Val Tidone
(Piacenza), Italy

**Administration
and Works**
Località Casetta di Nibbiano
29031 Alta Val Tidone
(Piacenza), Italy

Sales Office
Località Vascellino di
Nibbiano
29031 Alta Val Tidone
(Piacenza), Italy

Paid Capital
Euro 300,000.00

VAT No.
IT 01422090330

Telephone
+ 39 0523 991211

Fax
+ 39 0523 991277

E-mail
raccordiforgiati@raccordiforgiati.com

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 buttwelding elbows, equal and reducing tees, concentric and eccentric reducers and caps, in the size range from 1/2" NPS to 36" NPS.

Close co-operation with clients, as well as integration with **Allied International Group's** factories and operations, give **Raccordi Forgiati** the opportunity to keep product quality constantly in line with 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 customer'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- WP92

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

· CUSTOM UNION Certificates TRTS 32/2013

· ISO 9001: 2015 by Bureau Veritas

· PED 4.3: by Bureau Veritas

· NORSOK M-650

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, Repsol, Snam Rete Gas, Total.**

