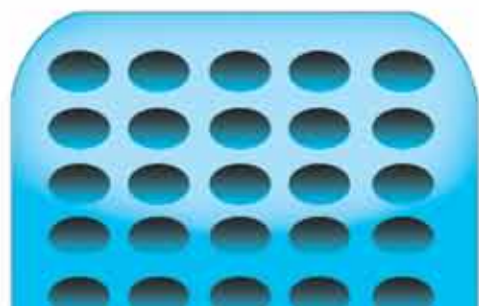




NRF **RACCORDI
FORGIATI**



BUTTWELDING
FITTINGS AND
SPECIAL PRODUCTS



COMPANY DETAILS

Company Name

Raccordi Forgiati S.R.L.

Registered Office

Località Vascellino
29010 - Nibbiano Val Tidone (Piacenza), Italy

Paid Capital

Euro 300,000.00

VAT No.

01422090330

Chamber of Commerce

REA PC/161090

Administration and Works

Località La Casetta
29010 - Nibbiano Val Tidone (Piacenza), Italy

Telephone

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E-mail

raccordiforgiati@raccordiforgiati.com

Website

www.raccordiforgiati.com

Sales Office

Località Vascellino
29010 - Nibbiano Val Tidone (Piacenza), Italy

Telephone

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Fax

+ 39 0523 991277



HISTORICAL BACKGROUND



Since its foundation in 1976, **Raccordi Forgiati** has been actively trading in and developing its position in the butt welding fittings market and was incorporated into the **Allied International Group** early in 2005.

With its long history and experience, **Raccordi Forgiati** is extremely well known in its own right as a prestigious manufacturer, specialising in the full range of butt weld equal and reducing tees, concentric and eccentric reducers, and caps, in the size range from 1/2" NPS to 36" NPS, fully complementing and enhancing the Group's manufacturing ranges. Its considerable growth has not prevented **Raccordi Forgiati** from retaining an organisational structure that is indispensable in ensuring its renowned quality, delivery and service, supported by a considerable stock of basic materials, semi-finished and finished products.

As with the other Group manufacturing plants, **Raccordi Forgiati** independently holds the highest levels of quality approvals such as TÜV, Stoomwezen and holds ISO 9001:2008 under Lloyd's accreditation. Since 1986 it has its own Design, Laboratory, Testing and Inspection facilities, independent of the other Group facilities, and an independent reference list detailing involvement in projects on a global basis, confirming it as a world class manufacturer in its range.

The main customers therefore include the major global players in the oil, gas, and petrochemical industrial sectors, who have repeatedly shown their confidence in the choice of the diverse range of material grades from which **Raccordi Forgiati** manufactures its products. These have included from the carbon steel grades, suiting moderate, low temperature, high yield characteristics, through the alloy steel grades for elevated temperatures, to austenitic and ferritic/austenitic stainless steels, including duplex and super duplex, and beyond into the latest industry grades, including nickel base non ferrous alloys.

Since 2009 **Raccordi Forgiati** has shared an important international award with the other Group Companies. Mr. Valter Alberici, President of **Allied International Group**, was honoured with the prestigious Ernst & Young Entrepreneurial Excellence Award, receiving the title of Italian

Entrepreneur of the Year - Finance Section "for having created a group strongly committed to innovation, able to assert itself on an international level in highly technological sectors".



PLANT AREAS AND OFFICES





NIBBIANO - Piacenza - Italy
Plant Area (sqm)

Open:	28,000
Covered:	13,000
Total Area:	41,000

Located in Nibbiano and just 3 km from the **Allied International Group** Headquarters in Vascellino, **Raccordi Forgiati** expands the Group facilities with 6,000 sqm of covered production area and an additional 35,000 sqm (7,000 covered, 28,000 open) of yard and storage facilities.

It is indeed a considerable organisation in the **Allied International Group**.



MANUFACTURING PROGRAM



Standard Fittings

Type of product	Dimensions	Steels	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	Steels	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



Materials used and related International Standards

CARBON AND ALLOY STEEL FOR 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

HIGH YIELD STEEL FOR PIPE LINE 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

CARBON AND ALLOY STEEL FOR LOW TEMPERATURE SERVICE

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

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)

FERRITIC/AUSTENITIC STAINLESS STEEL

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

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 B466: UNS C 70600 (CuNi 90/10) UNS C 71500 (CuNi 70/30)

TITANIUM ALLOY

- ASTM / ASME B/SB363: WPT2 - WPT12

ALUMINIUM ALLOY

- ASTM B361 : 3003 and 6061 grades

Manufacturing Standard

- 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 - 7379 - 17380

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

TARGET MARKETS AND CUSTOMERS



Raccordi Forgiati aim to offer their customers the highest level of satisfaction, and the main aim has always been focussed on customer needs.

The close co-operation with our customers gives **Raccordi Forgiati** the opportunity to keep the current status and the trends of the market with its possible evolution under constant review so that, at the same time, service and products can comply with the latest standards and controls.

Engineering Companies, covering 65% of supplies, represents the largest part of **Raccordi Forgiati** whole capacity and influences its sales policy which is oriented at guaranteeing the highest level of quality.

The target market in which **Raccordi Forgiati** operates can be divided into

- Petrochemical
- Oil & Gas
- Thermal power
- Offshore & Subsea



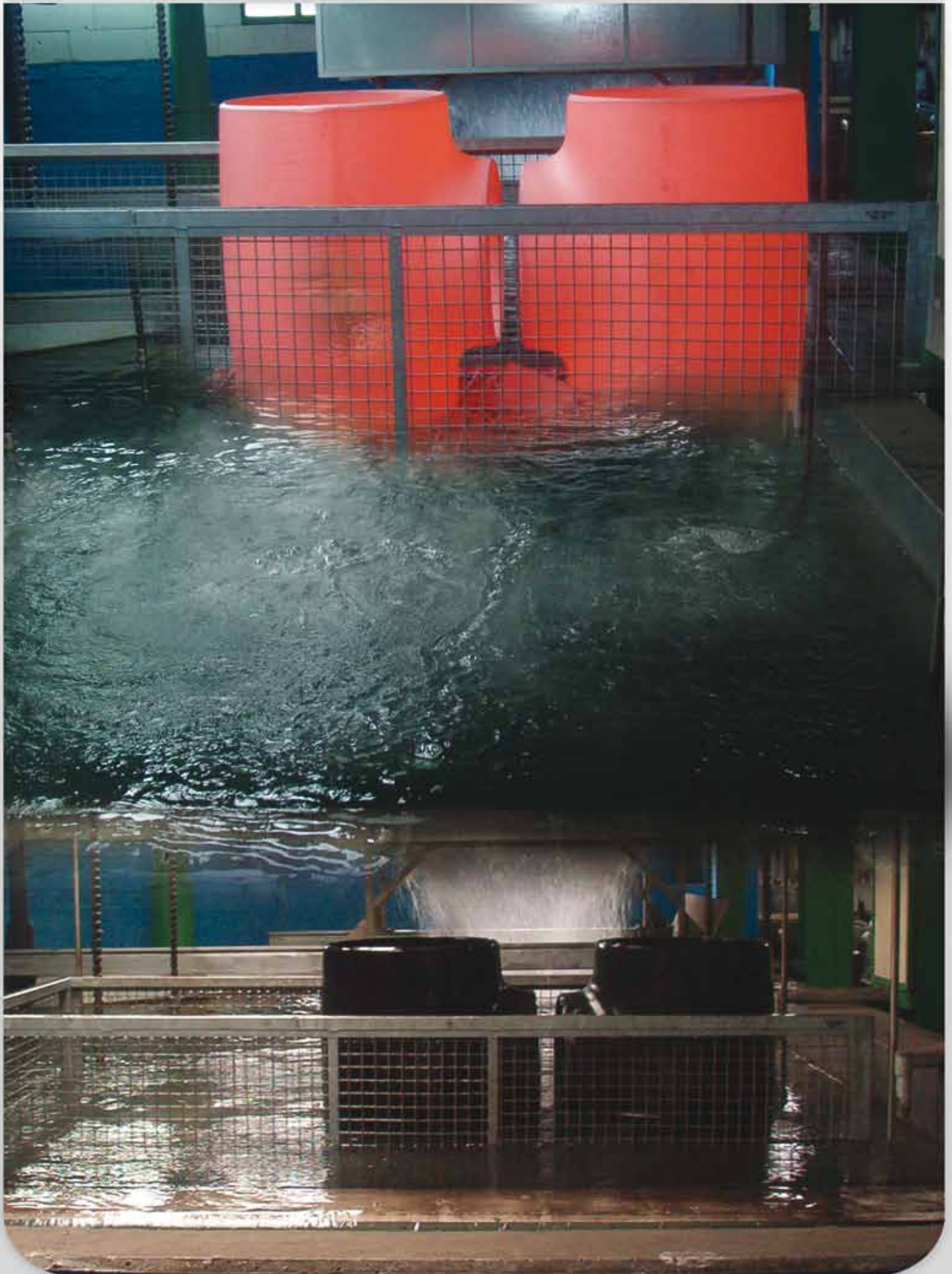
WORKS & PRODUCTION - CUTTING DEPARTMENT



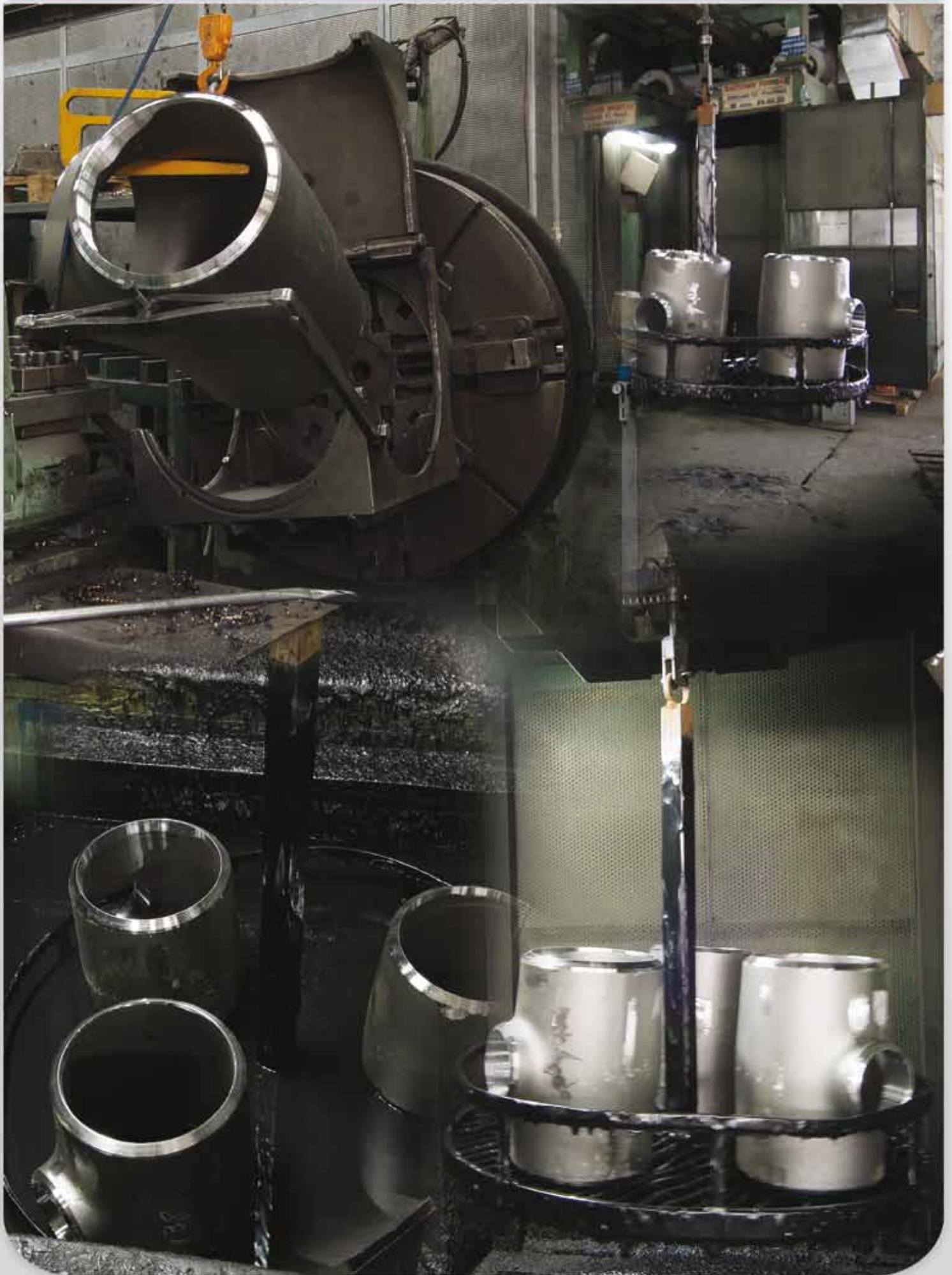
WORKS & PRODUCTION - FORGING DEPARTMENT (hot forming)



WORKS & PRODUCTION - HEAT TREATMENT DEPARTMENT



WORKS & PRODUCTION - BEVELING & PAINTING DEPARTMENT



WORKS & PRODUCTION - SHIPPING DEPARTMENT





ALLIED IN THE WORLD



ALLIED GROUP

The fitting choice worldwide

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Raccordi Forgiati S.R.L. is part of Allied International Group



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