Providing complete solutions to improve and simplify the production process through an integrated system of technologies and services: The Compact Supply Chain™.
Forgital Italy
With a tradition of more than one hundred years in the production of hot-rolling rings made of steel and other alloys, the factory has three hot-working lines, a complete range of over 20 furnaces for heat treatments and an extended machining capacity.

Forgital FMDL
Amongst the most important European manufacturing unit specialized in small and medium-sized rolled rings up to a maximum of 20 tons of weight, can also offer a unique experience and know how in open-die forging.

Forgital USA
Forgital USA, headquartered in Houston, has manufacturing capabilities that complement The Forgital Group’s ones, and is designed to closely support and serve key customers with warehouse and logistics facilities strategically located throughout the U.S.

Forgital South America
The brand new plant is located in Buenos Aires area, and offers Customers the whole family of The Forgital Group products. Can also accept subcontracting heat treating and machining of your own products, up to 5m diameter and 20t weight.

Forgital Dembiermont
Equipped with one of most powerful rolling mills in Europe, the company can work with all types of material grades: from ordinary carbon steels to alloys to meet the most critical engineering requirements.
located in Buenos Aires area, and offers Customers the whole family of The Forgital Group products. Can also accept subcontracting heat treating and machining of your own products, up to 5m diameter and 20t weight.

The Forgital Group

**Today**

<table>
<thead>
<tr>
<th>Turnover</th>
<th>250 M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employees</td>
<td>1100</td>
</tr>
<tr>
<td>Weight</td>
<td>100,000 ton</td>
</tr>
<tr>
<td>Worldwide Sales</td>
<td>16</td>
</tr>
</tbody>
</table>

**TODAY**

The Forgital Group

- Forgital Italy
- Forgital Rimach
- Forgital USA
- Forgital Germany
- Forgital East Europe
- Forgital India
- Rtm Breda
- TS Coatings Italy

Production

- Forgital Italy
- Forgital Rimach
- Forgital Sumec
- Forgital Fmdl
- Fly
- Visual

Machining

- Forgital Italy
- Forgital Rimach
- Forgital Sumec
- Forgital Fmdl
- Fly
- Visual

Production Subsidiary

- Forgital Germany
- Forgital East Europe
- Forgital India

Commercial

- Rtm Breda
- TS Coatings Italy

R&D
The Integrated Solutions Group
Compact Supply Chain™
Why does it work better?
Innovation & Co-engineering
Assembly
Testing
PVD Coating
Finishing to drawing
Semi-finishing
Roughing
Heat treatment
Forging
Innovation & Co-engineering
Suppliers qualification
A unique partner for a complete answer

Deposition, characterization and development of thin and anti-wear coatings, by cathodic arc or sputtering technique.
DLC, TiN, CrN, AlTiN, TiCN, ZrN, CrN-NbN Superlattice

The Forgital Group can offer a professional, technical assembly service according to customers' specific requests (Aerospace and Power Generation projects)
Pre-processing phase

Assembly

PVD Coating

Testing

Post-processing phase
Suppliers qualification

Innovation & Co-engineering

Forging

Heat treatment

Roughing

Semi finishing

Finishing to drawing

Processing phase
The Forgital Group's suppliers selection and qualification process is aimed to offer the maximum reliability and excellent quality standards in raw materials such as: carbon steel, low and high alloyed steel, stainless steel, duplex & superduplex steel, nickel base alloys, aluminium, titanium.

The concurrent engineering activities provide customers with support in the critical design stage of the piece and define the most suitable profile for forging, the most appropriate heat treatment, and different options in the use of the materials.

1100 Employees
240 Qualified technicians

EDUCATION
University degree 17%
High school degree 48%
Secondary school 35%

Extremely qualified personnel and high technology equipment guarantee the maximum quality standards, offering the solution for parts from 300 mm to 8000 mm.

85 Machines
520 Skilled workers

The heat treatments range offered by The Forgital Group is supported by a unique technical expertise progressively refined in countless and diverse sectors of the engineering industry, and obtained from developing parts required to meet the most critical conditions.

41 Heat treatment furnaces
15 Are Nadcap certificated
17 Baths (water, oil, polymer)

Many years' experience across a broad spectrum of forging processes applied to the most varied industrial frameworks.

100,000 Tons of raw material capacity
7 Hydraulic presses, ranging from 1200 to 8000 tons.
6 Hot rolling mills
54 Heating furnaces

University degree 17%
High school degree 48%
Secondary school 35%
The Forgital Lean Management System

operational excellence team guarantees the continuity of improvement processes

Focus on added value for the customer

Value-adding activities transform materials and information into something precious for the customer by:
- Specifying value from the perspective of the customer.
- Mapping the value stream from customer point of view.
- Creating continuous flow with capable and efficient processes.
- Customer needs pulling production and info flow.
A so called “High Reliability Organization” (“HRO”) is an organization that has succeeded in avoiding catastrophes and big mistakes in an environment where normal accidents can be expected due to risky technologies, demanding performance standards and organizational complexity. HROs require an organizational model where leaders and members interact freely and continuously for developing, refining and updating a shared understanding of the situation they face and their capabilities to act on that understanding, which jointly contribute to the system’s overall culture of safety and performance.

Systematic elimination of waste

- Efficient plant layout and fast/accurate flow of materials and information.
- Reducing equipment changeover times and cross-functional training.
- Flow rates, processing times, and quality.
- Eliminate non-value adding activities (transportation, inspection, rework).

The waste reduction process includes:
- Stop defective products at their source.
- Flow processes together.
- Eliminate excess material handling or costly handling steps.
- Eliminate or reduce pointless process steps.
- Reduce the time spent waiting for parts, orders, other people, information.

When waste is reduced or eliminated across the supply chain, overall cycle time is improved, labor and staff costs are reduced, product quality and delivery are improved, inventories are reduced, and customer lead-times are shortened. The net effect is that the entire supply chain is more efficient and responsive to customer needs.
An expertise extended through different markets

**Aerospace**

Aero Engine  
Space

The Forgital Group’s activities in the aerospace sector began with the project for the Ariane IV launcher and developed along with Ariane V, Vega, PSLV and GSLV programmes. In recent years The Forgital Group has entered the aero engine market and the restricted circle of companies qualified in the supply of important airplane engine components - turbojet and turboprop - for the most important aircraft currently in production.

**Oil&Gas**

Deep Water  
Surface

The Forgital Group owes the oilfield sector the beginning of its experience in hot rolling profile of simple and complex shapes. Particular attention has been dedicated to this field, with strong investments to optimize productivity and consequent cost reduction, with great competitive advantages and qualitative improvements. The exasperated uses increased the technical specialization that The Forgital Group can offer to its clientele.
The extreme applications, and the need for guaranteed quality, long service life, logistical flexibility and competitiveness in the sector provide continuous stimuli for progress. This approach confirms The Forgital Group as the ideal partner for the most sophisticated constructors and for manufacturers engaged in mass production.

The decisive leadership boasted by The Forgital Group in the Power Generation Sector originated in the early seventies with the involvement of the company in great nuclear energy development projects in Europe. All the products are often in winning competition with more traditional technologies. The experience matured in the sector has allowed The Forgital Group to consolidate the organization of its internal processes in line with Quality Guarantee principles.

This Sector is characterized by the great commitment required from all parts of the company because of the variety of needs expressed by General Mechanics. The Forgital Group not only makes its rolled rings but also its consultancy available to its clientele, composed above all of small users. This consultancy ranges from the choice of materials, to the definition of configurations and the realization of the quality control specifications.
Quality, Environment and Safety

Management Systems for Quality, Environment, Health and Safety, in other words attention to customer's explicit and implicit requirements, aiming at the maximum respect for the Environment and guaranteeing healthy and safe factories: these are the foundations on which The Forgital Group implements international standards in its organization that are appropriate for its various constituent structures, while certifying the management systems with independent inspection bodies. Ethics, and the verification of full compliance with them accompany our daily operations.

Quality system

Quality has always been an objective in which The Forgital Group is profoundly convinced and which is rooted in the company's tradition. Forgital Italy was the first Italian company in the sector to qualify according to AS/EN 9100, a qualification which was obtained in January 2004.

Continuing its path towards production excellence, The Forgital Group has achieved numerous certifications both for its system and its products. These certifications, issued by the most important international bodies, regard particular procedures and special internal processes codified in dedicated procedures. These attestations principally testify to the company's ability to manufacture hi-tech, high-quality products for specific applications.

NADCAP Accreditation for HEAT TREATMENT
OHSAS 18001:2007
ISO 14001
MANUFACTURER ACCORDING TO AD-2000 MB and PED 97/23/EC [TÜV]
STEEL FORGINGS FOR SHIPS AND MOBILE OFFSHORE UNITS [DNV]
FORGINGS IN CARBON, CARBON-MANGANESE ALLOY AND AUSTENITIC STAINLESS STEEL [Lloyd's]
SEAMLESS, PROFILED ROLLED RING FORGINGS [Bureau Veritas]
APPROVAL OF MATERIAL MANUFACTURERS [GERMANISCHER Lloyd]
FORGING FACILITY AND PROCESS APPROVAL [AMERICAN BUREAU SHIPPING]
RULES FOR THE APPROVAL OF MANUFACTURES OF MATERIALS [RINA]
CONSTRUCTION PRODUCTS DIRECTIVE (CPD) & 93/68/EEC [TÜV]
NORSOK
FLY SpA NADCAP Accreditation for NDT, CHEMICAL PROCESSES, WELDING
ALSTOM - Pre qualified Supplier
AGUSTA - Forgings and forged and seamless rolled - Steel Heat Treatment
AVIO - Special processes - Heating for Hot Working, Forgings rolled rings & Heat Treatment
CATYPH - NPO SATURN -Special process - Heat Treatment
GE AVIATION System - Approval for material supplier
GE TRANSPORTATION AVIATION - Special process certifications
PRATT& WHITNEY-Forgings
ROLLS ROYCE plc - Qualification Spec. MSRR 9951, MSRR 9968, MSRR 9969, RPS 707, MSRR 9922 MSR 9920
SNECMA - Heat Treatment
SKODA JS - Forged semi-product for nuclear project
HITACHI - Material planning, Thermal Refining, Forging
CATERPILLAR - Supplier Quality Excellence Process - Award for Platinum Level
Contact us

Forgital Fmdl
48, Boulevard d’Auvergne
42500 Le Chambon-Feugerolles
France
Tel +33 (0) 477 405 370
Fax +33 (0) 477 563 057
forgitalfmdl@forgital.com

Forgital Dembiermont
4, Rue Jules Campagne
BP 10089 Hautmont
59618 Maubeuge Cedex
France
Tel +33 (0) 327 697 373
Fax +33 (0) 327 697 385
forgitaldembiermont@forgital.com

Forgital Italy
Via G. Spezzapria, 1
36010 Velo d’Astico
località Seghe (VI), Italy
Tel +39 0445 731 313
Fax +39 0445 731 490
forgitalitaly@forgital.com

Forgital South America
Ruta 6 km 176.5
2814 - Carlos Lemée
Exaltación de la Cruz
Buenos Aires, Argentina
Tel / Fax +54 2304 441 300
forgitalsouthamerica@forgital.com

Forgital Germany
Max-Planck-Straße 3
D-12489 Berlin, Germany
Tel +49 (0) 303 384 73 63
Fax +49 (0) 303 384 73 69
forgitalgermany@forgital.com

Forgital East Europe
Lidická 47
370 01 České Budejovice
Czech Republic
Tel / Fax +420 387 311 632
forgitaleasteurope@forgital.com

Forgital USA
8989 Monroe Road
77061 Houston, Texas
Tel +1 713 943 7059
Fax +1 713 943 8894
forgitalusa@forgital.com

Forgital India
Trishna – A, 15, 7th Main Road,
R.A. Puram
Chennai – 600028, India
Tel +91 44 24359841
forgitalindia@forgital.com

Forgital Dembiermont
36010 Velo d’Astico
località Seghe (VI), Italy
Tel +39 0445 731 313
Fax +39 0445 731 490
forgitalitaly@forgital.com

Forgital South America
Ruta 6 km 176.5
2814 - Carlos Lemée
Exaltación de la Cruz
Buenos Aires, Argentina
Tel / Fax +54 2304 441 300
forgitalsouthamerica@forgital.com

Forgital East Europe
Lidická 47
370 01 České Budejovice
Czech Republic
Tel / Fax +420 387 311 632
forgitaleasteurope@forgital.com

Forgital Italy
Via G. Spezzapria, 1
36010 Velo d’Astico
località Seghe (VI), Italy
Tel +39 0445 731 313
Fax +39 0445 731 490
forgitalitaly@forgital.com

Forgital South America
Ruta 6 km 176.5
2814 - Carlos Lemée
Exaltación de la Cruz
Buenos Aires, Argentina
Tel / Fax +54 2304 441 300
forgitalsouthamerica@forgital.com

Forgital East Europe
Lidická 47
370 01 České Budejovice
Czech Republic
Tel / Fax +420 387 311 632
forgitaleasteurope@forgital.com

 Forgital Italy
 Via G. Spezzapria, 1
 36010 Velo d’Astico
 località Seghe (VI), Italy
 Tel +39 0445 731 313
 Fax +39 0445 731 490
 forgitalitaly@forgital.com

Forgital South America
Ruta 6 km 176.5
2814 - Carlos Lemée
Exaltación de la Cruz
Buenos Aires, Argentina
Tel / Fax +54 2304 441 300
forgitalsouthamerica@forgital.com

Forgital East Europe
Lidická 47
370 01 České Budejovice
Czech Republic
Tel / Fax +420 387 311 632
forgitaleasteurope@forgital.com

Please send your request for quotations to: rfq@forgital.com