

TECNOPLAST GROUP

Integrated Manufacturing Excellence
Company Presentation



WELCOME TO OUR COMPANY

Tecnoplast Group is a fully integrated industrial organization specializing in high-performance polymer solutions.

Tecnoplast Italy leads engineering, R&D and quality, while **Rialtech Tunisia** serves as our dedicated production unit for moulding, overmoulding, assembly and finishing.

Together we combine Italian know-how with Tunisian manufacturing efficiency to deliver advanced, reliable and cost-effective mechanical components for global industries.





ABOUT COMPANY

Founded in 1959 in Italy, Tecnoplast srl is committed to the subcontracting of high performance mechanical components made with polymers and processed by injection moulding.

Tecnoplast has 3 main business units:

- Subcontracting of technical components
- Self-lubricating bearings
- Carbon fibres drumsticks

The expansion to Tunisia through Rialtech, our dedicated production unit, strengthening our ability to offer competitive manufacturing while maintaining Italian engineering standards.

Key Achievement

- 2 manufacturing plants operating under unified standards
- Advanced technologies (CAD/CAM, CAE, precision moulding)
- Long-term partnerships with leading European industries
- International Certifications:



OUR VISION

To be a recognised point of reference of technical excellence, aware that polymers still have a big potential in term of development



OUR MISSION

Supply advanced technical solutions in the use of polymers for mechanical applications



MARKETS FOR SUBCONTRACTING AND BEARINGS

From a technological point of view the company is at the top of its market and has a higher know how than the average of competitors



Agriculture Machines



Automotive



Snowgroomers



Ropeways

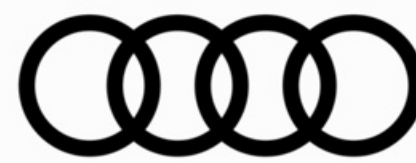
OUR CUSTOMERS



BOSCH



RENAULT



Audi



LEITNER



Manfrotto



Ferrari



BITRON

GASPARDO

LAVERDA

BAVELLONI

A GMM Group Company

APPLICATIONS

Metal
replacement



Metal replacement

High precision
moulding



Self-lubricating
bearings and gears

Screw return devices



APPLICATIONS IN AUTOMOTIVE

Metal
replacement

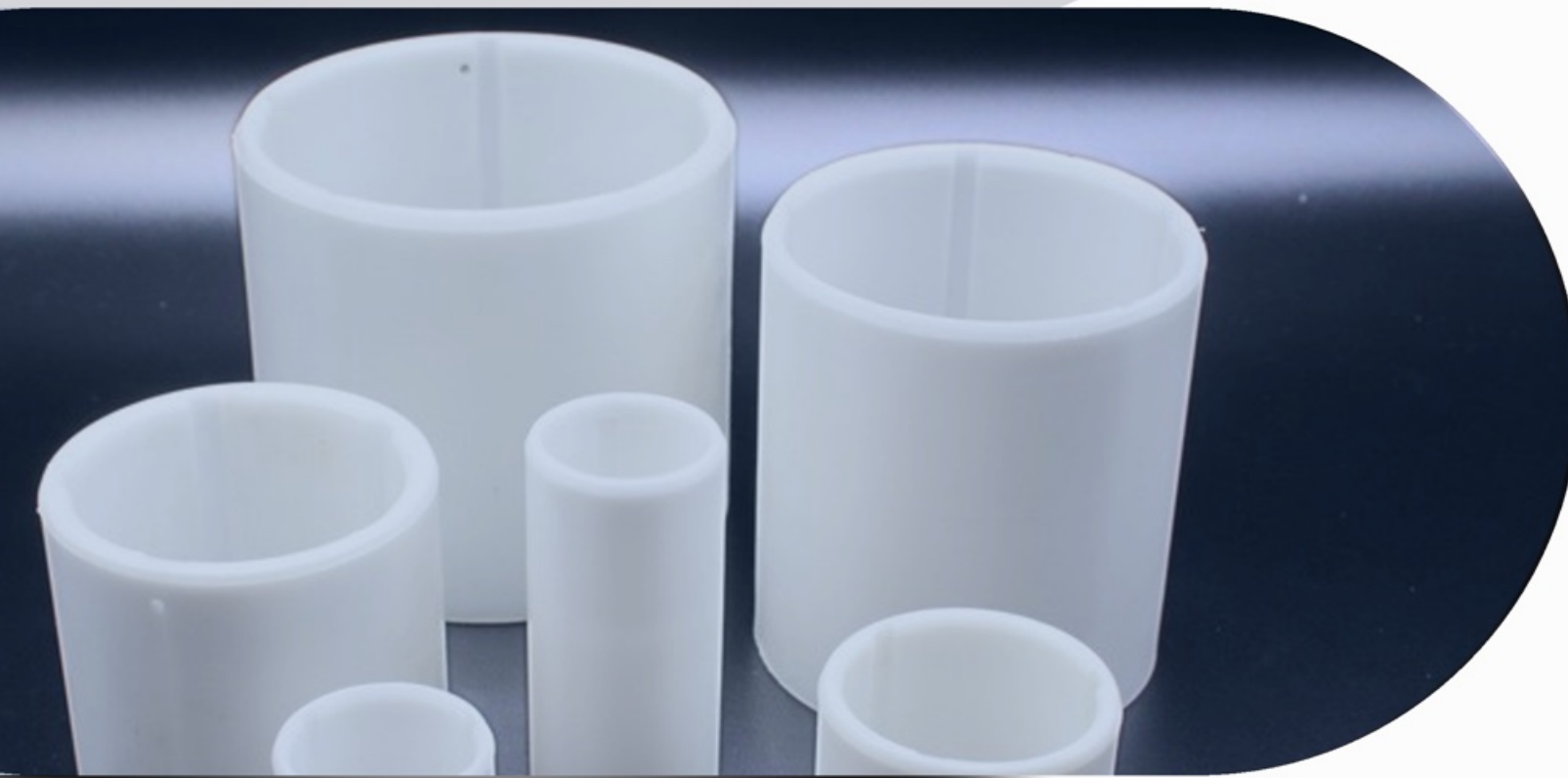


Storage



Carly
edge





PLASTIC BUSHES AND BEARINGS

TECHRA

THE ULTIMATE DRUMSTICKS



MUSICAL INDUSTRY MARKET

EQUIPMENT



Italia

- 22 injection moulding machines from 25T to 450T equipped with Cartesian robots
- Mould production and maintenance workshop
- Pad Printing



Tunisia

- 16 presses from 50 to 480T
- 12 assembly tables
- Over moulding
- Pad Printing
- Manual Bicomponent moulding

RAW MATERIALS

- 170 different references.
- Superpolymers: PA 4/6, PA 11, PPA, PPS, PEEK, PK, PVDF
- Technopolimers: PA 6, 66, 6/10, 12, POM, PBT, TPE, TPU, ABS, PC, PMMA,
- Commodities: PS, PE, PP.
- Charges and additives: Glass Fibers, Carbon Fibers, Aramidic Fibers, PTFE, elastomers, self-extinguishers, antistatic, antibacterial, expanding, conductive, etc.

PRODUCTION PROCESS

■ Semi-finished products intended for the assembly area

New racks support faster assembly and maintain steady flow at the machine exit.

■ Internal storage of raw materials

Materials pass qualitative and quantitative checks, then go to the raw-material racks.

■ Finishing & Testing Area

- Mastic Glue Loading
- Fading of Inserts



■ Semi-automatic Process

Plastic Injection on the Semi automatic Machines

■ Automatic Process

Plastic Injection on the Semi automatic Machines

■ Manual Assembling Area

Hands-on assembly for parts that need careful alignment and extra care.

Inizia finitura	Elenco Attività	
05 (100 T) - 0/0 No lavoro	06 (110 T) RA0075...1 - 3117/2900 Lavoro	07 (075 T) IM0223/1...1 - 5587/1000 Lavoro
12 (130 T) 67/1...1 - 3778/4000 Lavoro	13 (130 T) IM000652...2 - 20/5000 Mancato arrivo mater TUTTI	
18 (300 T) 00828...1 - 0/3900 operatore attrezz	19 (200 T) THBA2BBD...1 - 84/3000 Lavoro	



ORGANIZATION AND TECHNOLOGIES

Tecnoplast applies the latest technologies to support the key organisational processes:

- **MRP:** material requirements planning
- **ERP:** enterprise resource planning and real time production management
- **CAD-CAM:** to design and manufacture moulds
- **CAE:** to simulate the flow behaviour into the mould
- **KANBAN:** for materials and order management
- **SPC:** statistical process control

TECHNOLOGY FOR MANUFACTURING

Metal
replacement



High precision electric moulding machines

Mould
Manufacturing



CNC machining on plastic moulded parts

Additive manufacturing



Pad Printing



TECHNOLOGY FOR DEVELOPING AND QUALITY CONTROL

Metal
replacement



Optical Measuring System

3D Measuring System



Self
bearing



Mechanical Lab



HOW WE WORK TOGETHER

Rialtech operates as the production unit of Tecnoplast, working under the same engineering, quality and process standards.

Tecnoplast provides design, mould engineering and industrial coordination; Rialtech manages moulding, overmoulding, assembly and finishing.

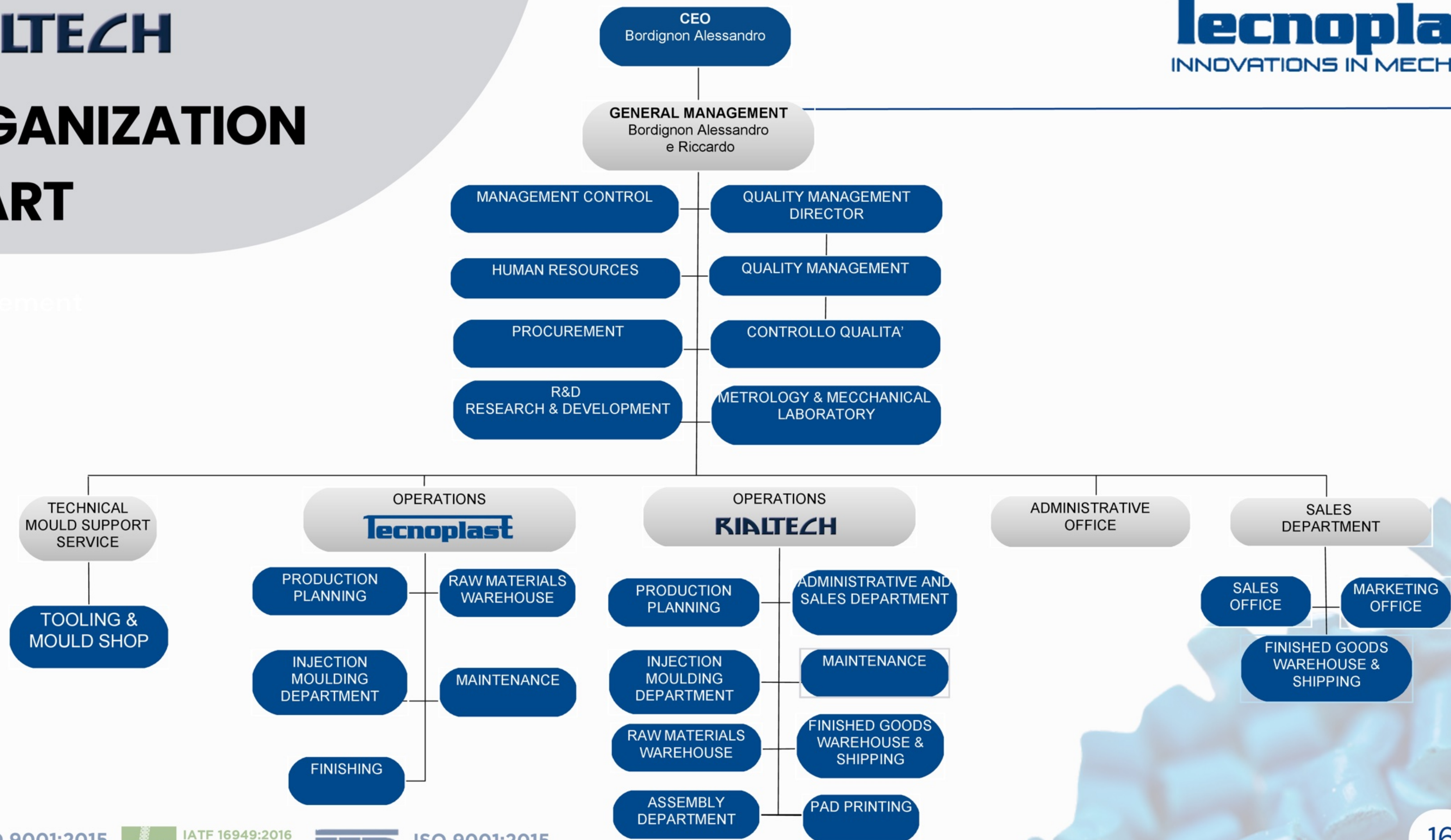
Together they form one integrated system, ensuring consistent quality, efficient production and competitive performance.

Group Advantages

- 65+ years of technical expertise
- Italian engineering, design and quality supervision across the entire process
- Competitive and flexible production capacity in Tunisia
- Optimized lead times and cost efficiency
- Consistent quality control across both facilities

ORGANIZATION CHART

Metal replacement



Metal
replacement

High precision

“ *What is important is not to be successful people but people of value.* ”

A. Einstein

LET'S WORK TOGETHER

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