

FILA Srl

Your Integrated Manufacturing
Partner for Precision Casting &
CNC Machining | 25+ Years of
Proven Excellence with OEM &
Suppliers

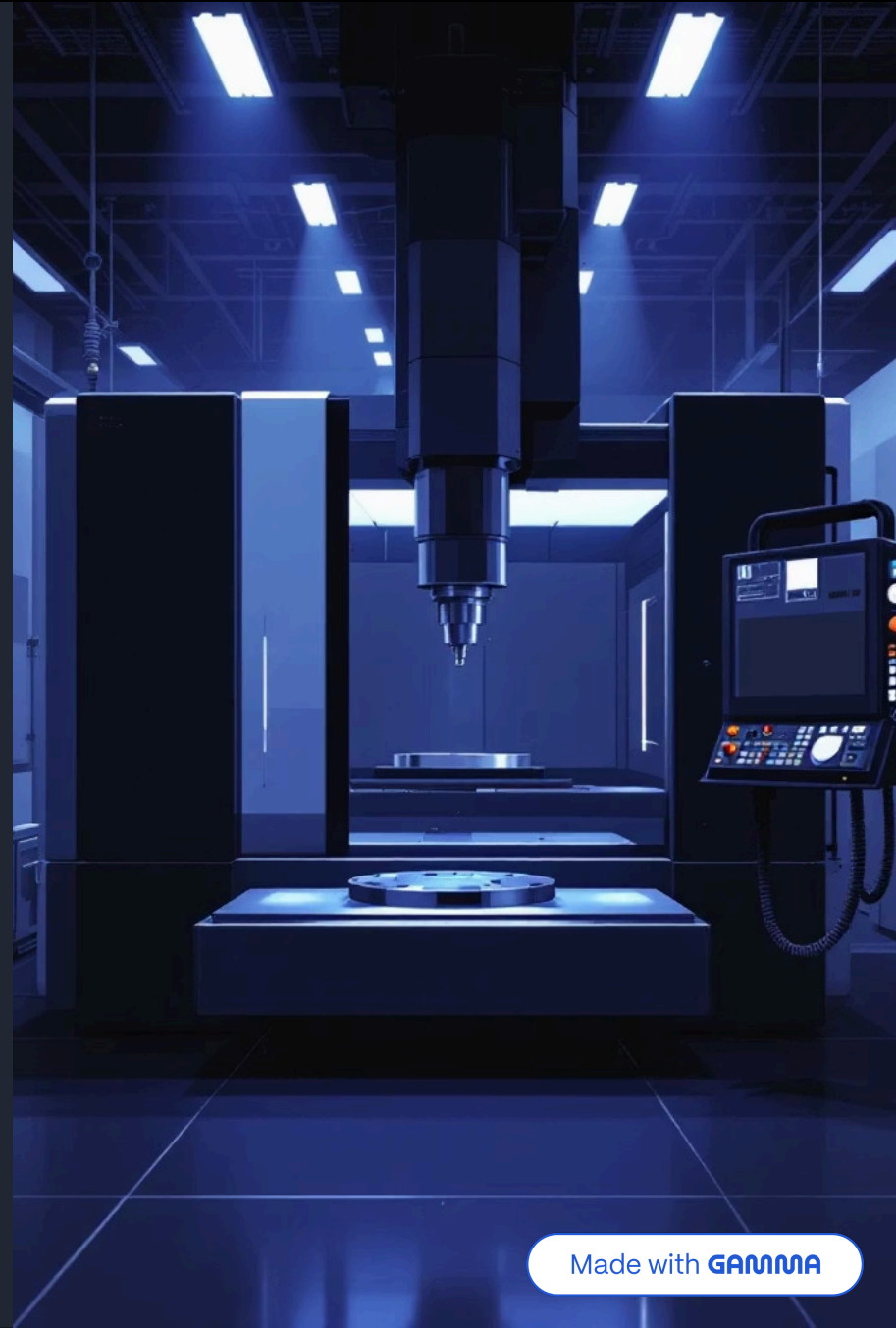
Italian Seregno (MB), Italy

ISO 9001:2015

IATF 16949

€5.5M+ Annual Turnover | 30+ Employees | 39 CNC Machines | 5 CMM
Systems

FILA Srl | www.filasrl.it



Made with GAMMA

Company Overview



Founded 1999 | 25+ Years of Proven Excellence

Long-term partnerships with OEM suppliers across Europe
Consistent customer retention demonstrating reliability and quality commitment
Owners: Andrea Biella & Marco Mauri



Location & Footprint

Seregno (MB), Italy
5,600 m² total facility (3,000 m² production + 2,200 m² warehouse + 400 m² uncovered)
Automated vertical warehouse system



Specialization

Aluminium die-casting, bar stock, extrusions, forged components
Multi-material expertise: EN AC 46100, EN AC 44100, EN AC 51400, EN AW;
Gravity Casting
Low-Pressure casting
Sand casting

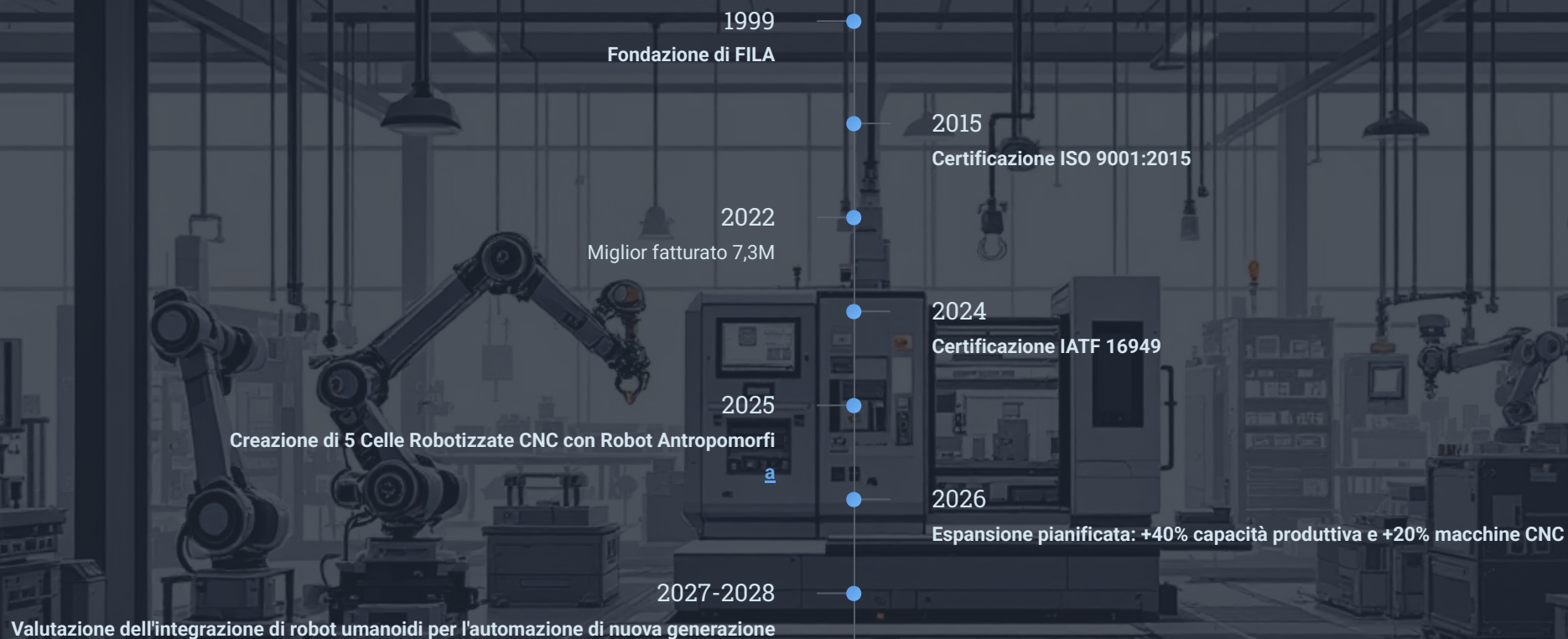


Growth & Stability

€5.5M+ annual turnover | €100K+ revenue per employee (industry benchmark: €80-90K) | Consistent growth trajectory
30+ employees with 3 technical directors ensuring operational excellence
Multilingual team: Italian, English, French, German, Russian, Arabic
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Source: BROCHURE 2026, Company Data

Growth Trajectory & Strategic Expansion

FILA Srl ha dimostrato una crescita costante e un impegno verso l'eccellenza, con piani ambiziosi per il futuro.



Facilities & Team

Infrastructure & Human Capital

Production Facilities

- 3,000 m² production surface
- 2,200 m² warehouse surface
- Automated vertical warehouse
- 400 m² uncovered area
- **Total: 5,600 m² integrated facility**

Team Structure & Capabilities

- 2 Technical Managing Directors
- 1 Administrative Managing Director
- 1 Project Manager
- 4 Quality Control staff
- 32 production workers
- **Total: 40+ employees**

Multilingual Team



Commercial Dept
English, French



Production
English, French, Russian, Arabic, Italian

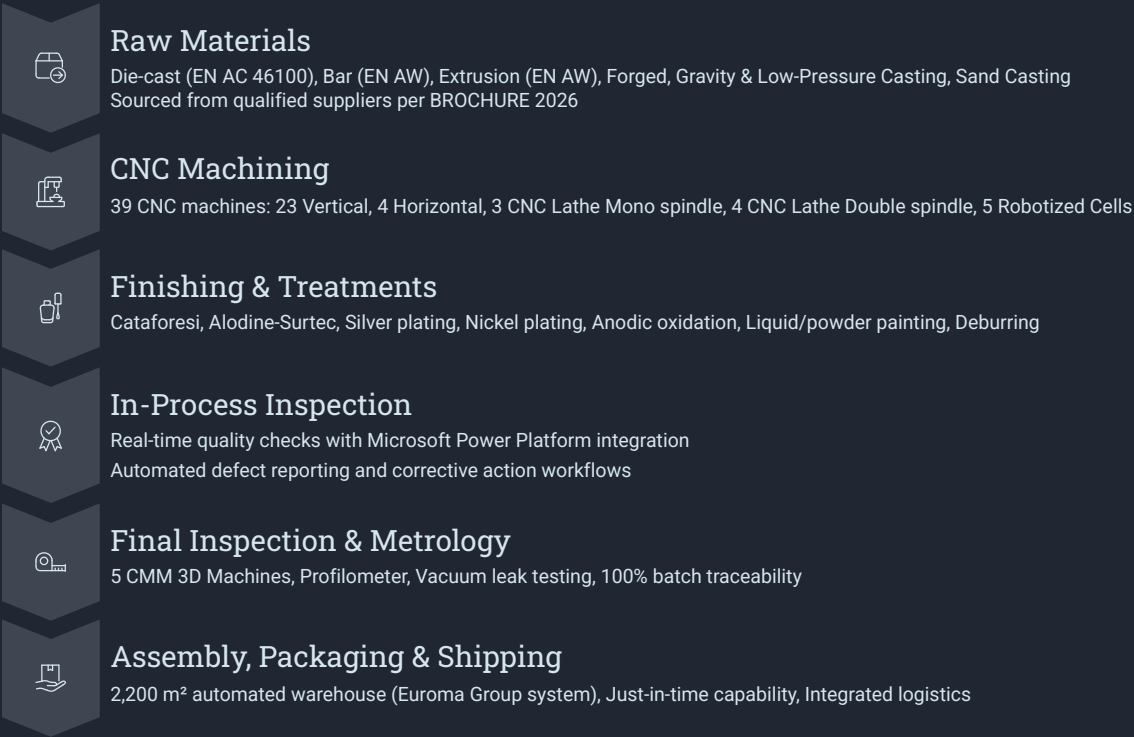


Administration Dept
English



Quality Dept
English, Italian

Integrated Supply Chain Model | From Raw Material to Shipment



Complete vertical integration enables supply chain security, cost optimization, and quality consistency

Integrated Model Advantage: Single source responsibility eliminates multi-supplier coordination delays. Industry standard: 3-5 suppliers per component | FILA model: 1 integrated partner. Result: Faster lead times, zero handoff delays, consistent quality across entire supply chain.

Core Capabilities & Processes



Die Casting Supply Chain

EN AC 46100 | $\pm 0.02\text{mm}$ tolerance | Ra 1.6-6.3 μm finish



Bar & Forged Components

Aluminium EN AW, copper forged | $\pm 0.02\text{mm}$ | Up to 800mm³ envelope



Gravity & Low Pressure Casting, Sans Casting

2-50mm wall thickness | $\pm 0.05\text{mm}$ post-machining



Extrusion Machining

Aluminium EN AW profiles | Up to 6000mm length | $\pm 0.02\text{mm}$ tolerance



Prototyping & Development

3D printing FlashForge Creator 3 IDEX (ABS, ASA, Nylon, Polycarbonate) | 0.1-0.3mm resolution | CAD to sample in 2-3 weeks



Assembly & Logistics

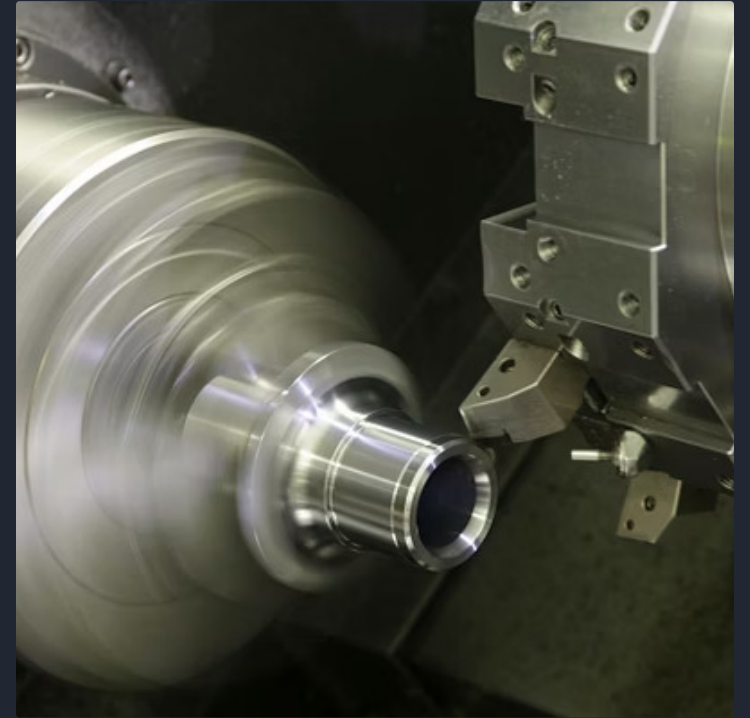
2,200 m² automated warehouse | JIT capability | Assembly $\pm 0.05\text{mm}$

Source: BROCHURE 2026 - Technical Information Table | Engineering Specifications

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CNC & Turning Machines | Production Equipment

Vertical Machining Centers | CNC Lathes | High-Precision Production Capability



FILA Srl operates a comprehensive fleet of CNC machining centers and turning machines, enabling flexible production from prototypes to high-volume manufacturing across different materials and geometries.

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Source: BROCHURE 2026 - Machine Park List & Technical Details

Metrology & Automation Systems | Quality & Logistics

5 CMM 3D Systems | Automated Vertical Warehouses |
Robotized Cells | Tool Presetting



FILA Srl combines advanced metrology systems with automated logistics and robotized production cells, ensuring precision quality control, efficient material handling, and seamless integration across the manufacturing ecosystem.

Rapid Custom Tooling Through Industrial 3D Printing

Accelerating Production Through Smart Fixture Engineering

FILA Srl designs and manufactures custom tooling in-house, including machining fixtures, assembly jigs, positioning supports, inspection gauges, and functional prototypes, leveraging our industrial 3D printing capability (FlashForge Creator 3 – IDEX system).

Customer Value



Lead Time Compression

Tooling ready in hours or days instead of weeks, enabling faster production ramp-up and quicker response to engineering changes



Cost Optimization

Reduced need for CNC-machined temporary tooling, elimination of intermediate suppliers, lower development costs in pre-series phases



Agile Engineering

Rapid design iterations, ergonomic and functional optimization, easy modifications without production delays



Improved Production Efficiency

Faster CNC setup, reduced machine downtime, enhanced process repeatability



Technology & Materials

Professional enclosed FDM 3D printer with Independent Dual Extruders (IDEX), closed chamber for technical materials, ABS, ASA, Nylon, Polycarbonate, in-house production ensuring quality control and scheduling reliability

Traceability & Industry 4.0

Digital Quality Control & Real-Time Monitoring



Our integrated systems ensure complete product lifecycle traceability and real-time process control. Every component is tracked from raw material receipt through final shipment with digital documentation.



Multiple Robotized Islands

Fully automated production cells with integrated loading/unloading systems | Comau robots with vision systems | Continuous operation capability | Parallel production



Real-Time Ticketing System

Microsoft Power Platform solution for instant fault reporting and quality workflows | Automated defect detection | Instant corrective action | Mobile-enabled reporting



Digital Quality Dashboard

PowerApps-based monitoring with automated workflows via SharePoint integration | Real-time KPI tracking | Batch-level traceability | Automated documentation



Certification Enabled

Traceability system that enabled automotive quality certifications and full batch control | IATF 16949 ready | 100% batch documentation | OEM-compliant records

Production Capacity & Flexibility

Scalable from Prototypes to High-Volume Production

Capacity Metrics:

- **Annual Production Capacity:**
 - >5,000 pcs/year (medium-high volume focus)
 - Flexible scaling: small prototypes → high-volume runs
 - Shift flexibility: 2-3 shifts capability
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- **Lead Time & Responsiveness:**
 - Typical lead time: 4-8 weeks (standard automotive)
 - Rapid sampling: 2-3 weeks for first article
 - CAD to production: Integrated workflow
 -
- **Inventory Management:**
 - 2,200 m² automated warehouse
 - Vertical automated storage system
 - Just-in-time capability for OEM programs

Flexibility Advantages:

- **Supply Chain Agility:**
 - Direct or via qualified integrators (Whit-Bosch, Grundfos, HPI, Sermeta)
 - Multi-material sourcing: die-cast, bar, extrusion, forged
 - In-house casting supply chain (rare for job shops)
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- **Volume Scalability:**
 - Redundant equipment ensures continuous operation
 - Multiple robotized cells for parallel production
 - Capacity to handle demand fluctuations
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- **Quality Consistency:**
 - Same precision across all volume levels
 - Dedicated metrology for every batch
 - Digital traceability from raw material to shipment

Surface Treatments & Finishing Capabilities

Complete Post-Machining Solutions for OEM Requirements

Treatment Options

Corrosion Protection

- Alodine - Surtec (Chromate conversion coating)
- Cataforesi
- Anodic Oxidation
- Galvanizing (Hot-dip & electroplating)

Plating & Coating

- Silver Plating (Electrical conductivity applications)
- Nickel Plating (Wear & corrosion resistance)
- Copper Plating (Base layer for multi-layer systems)

Finishing & Deburring

- Automated Deburring Systems
- Washing & Cleaning (3 dedicated machines)
- Liquid & Powder Painting (Custom colors & specifications)

Quality & Compliance

Process Control

- In-process coating thickness monitoring
- Salt spray testing per ASTM B117
- Adhesion testing per ASTM D3359
- Full traceability per batch

Industry Standards

- ISO 9001:2015 certified processes
- IATF 16949 compliant procedures
- RoHS & REACH compliance verification
- Automotive OEM specifications (VDA, IATF)

Typical Applications

- Automotive: Engine blocks, transmission housings, suspension components
- Medical: Surgical instruments, implant components
- Electronics: Heat sinks, connector housings, RF shielding
- Hydraulics: Valve bodies, actuator components

Why Choose FILA: Your Trusted Manufacturing Partner

FILA Srl is more than just a supplier; we are your strategic partner for precision mechanical components, offering unparalleled expertise and a commitment to quality that drives your success.



Integrated Die-Cast + CNC Model

6-Week Lead Time (vs. 12-16 weeks industry standard for multi-supplier approach) | Single source responsibility = zero coordination delays | Redundant equipment ensures continuous operation | Integrated casting supply chain eliminates intermediate suppliers



Quality Excellence

99.2% First-Pass Yield | **Zero Critical Defects in 2024** | ISO 9001:2015 + IATF 16949 Certified | 25+ Years Proven Track Record



Scalable Production

100 units to 5,000+ pcs/year without tooling changes | Prototype to production in same facility | Multi-sector expertise (Household 42%, Medical 15%, Automotive 10%, Other 33%) | Flexible 2-3 shift capability ensures availability



2026 Expansion

+20% Production Capacity | **+20% CNC Machines** | Faster delivery times | Increased availability for new partnerships

FILA Srl: Il partner di produzione integrato per precisione, qualità e affidabilità.

Client Success Stories | Real Results

FILA Partnership Delivers Tangible Value

FILA is more than a supplier; we are your strategic partner, dedicated to exceeding expectations and contributing to your success. The following success stories illustrate our ability to provide precision, reliability, and innovative solutions across various sectors.

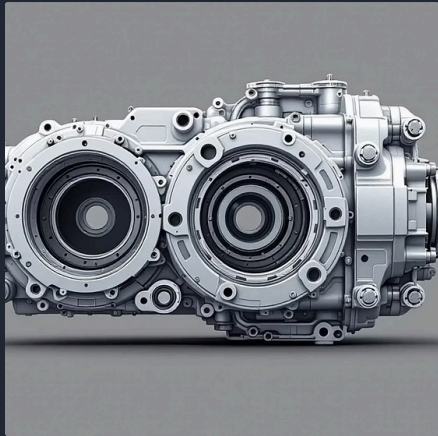
Sector	Challenge	FILA Solution	Result
Automotive	Production of 1,500 pump bodies/day with ±0.04mm tolerance, 8-week delivery times, sole supplier responsibility.	Integrated die-cast + CNC model, in-house quality control with 5 CMM systems.	Delivered in 6 weeks , 99.5% first-pass yield, zero critical defects in 18 months, 12% cost savings .
Sector	Challenge	FILA Solution	Result
Medical Electronics	Complex aluminum housings with tight tolerances (±0.02mm), high-mix/low-volume production (500-1,500 pcs/lot), need for rapid prototyping.	Flexible CNC capacity + rapid prototyping + surface treatments (anodizing, passivation).	Prototype-to-production cycle in 4 weeks , 99.2% yield, zero rework on 3 consecutive batches, customer orders increased by 40% .
Sector	Challenge	FILA Solution	Result
Pneumatic and Hydraulic Systems	High-volume production (15,000+ pcs/month) of distributor bodies with complex internal passages, strict delivery schedule.	Automated production cells + Industry 4.0 traceability + optimized CNC programming.	Achieved 99.8% on-time deliveries , 12% scrap reduction vs. previous supplier, expanded market share for the client.

These results reflect FILA's commitment to precision, reliability, and partnership. Your success is our success.

Source: FILA Srl | www.filasrl.it | Company Data 2024

Production Examples | Real-World Applications

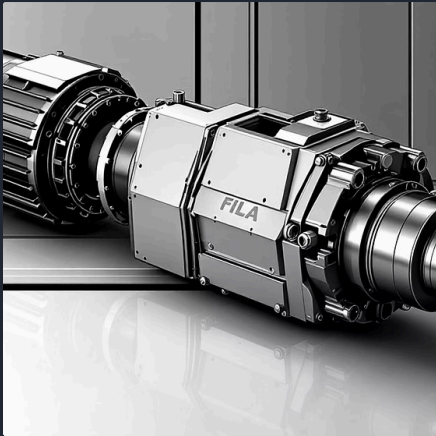
Real-World Examples Across Industries



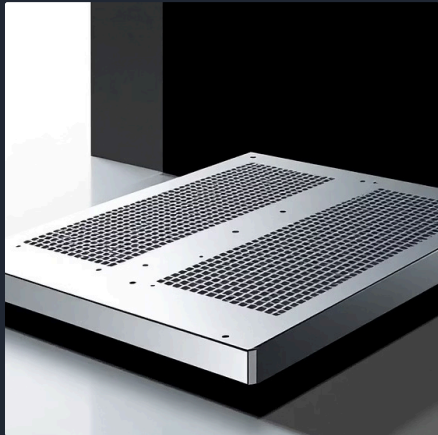
Automotive
Pump bodies, steering systems, transmission housings
Die-cast EN AC 46100 | Washing | Dimensions: ~180x120x85mm | Tolerances: $\pm 0.02\text{mm}$



Medical & Electronics
Precision housings, heat sinks, electronic enclosures
Aluminum bar EN AW | Alodine-Surtec | Dimensions: 200x220x30mm | Tolerances: $\pm 0.01\text{mm}$



Hydraulics & Pneumatics
Distributor bodies, actuators, valve components
Aluminum extrusion EN AW | Washing & deburring | Tolerances: $\pm 0.02\text{mm}$ | Pressure rated: ISO 4413



Oil/Gas & Industrial
Gas equipment, mechanical systems, industrial machinery
Low-pressure cast aluminum | Deburring | Wall thickness: 5-15mm | Tolerances: $\pm 0.05\text{mm}$ post-machining
Source: BROCHURE 2026 - Production Examples (pag. 3-7) | Real FILA Components with Technical Specifications
FILA Srl | www.filasrl.it

Production Gallery | Real Parts Portfolio

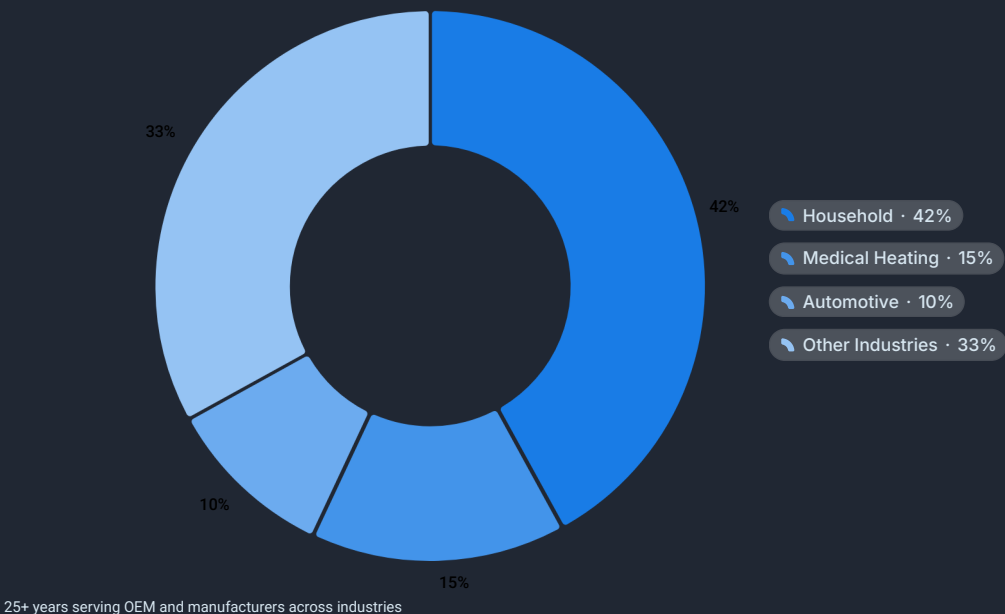
Precision-Machined Components Across Automotive, Electronics, Pneumatics & More | Official FILA Production Examples



Source: FILA Srl Official Website | www.filasrl.it

Market Segments & Revenue Diversification

Diversified Revenue Base | Proven Multi-Sector Expertise



Strategic Market Position

FILA serves a diversified customer base across household appliances, medical, automotive, hydraulics, pneumatics, electronics, oil & gas, and lighting sectors, acting as a flexible Tier-2 machining partner for OEM and Tier-1 programs. This diversification ensures stable revenue streams and reduces dependency on any single market segment.

Sector breakdown:

- Household: 42%
- Medical Heating: 15%
- Automotive: 10%
- Other Industries: 33%

This diversification provides supply chain resilience: automotive downturns are offset by growth in medical, heating, and industrial sectors. Result: Stable revenue and reduced customer dependency risk.

Integrated Supply Chain Model

European manufacturing hub: Seregno, Italy (Milano region)

Direct relationships with OEM and procurement teams across Europe

FILA operates as a flexible supply chain partner, supporting large OEM programs through multiple channels:

- Direct supply to OEM manufacturers
- Qualified partner network (Vith, Grundrofs, Sermeta, HPI) for logistics optimization and market expansion
- Integrated supply chain model that reduces complexity and cost for customers

This flexibility allows us to adapt to each customer's procurement structure while maintaining consistent quality and delivery.

Key Capabilities

- Integrated casting supply chain management (die-cast, gravity, low-pressure, sand casting)
- Multi-material expertise (aluminum, copper, forged components)
- Full traceability and digital documentation
- Redundant equipment for supply chain security

Source: BROCHURE 2026, Company Data, www.filasrl.it

Contact Information

Contact Information

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Source: BROCHURE 2026, Company Data, Technical Information

Certifications & Future Outlook

Quality Assurance & Strategic Growth Plans

Quality Management Certifications

ISO 9001:2015 and IATF 16949 certified quality system for machined and assembled parts.

ISO 9001:2015 ACTIVE Quality Management System • Scope: Machined and assembled parts	IATF 16949 ACTIVE Automotive Quality Standard • Scope: Machined and assembled parts for automotive supply chain
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Strategic Growth Initiatives (2026-2028)

New factory to expand production capacity	Increased automation to reduce cycle time and waste
New warehouse management system (WMS) implementation	New welfare facilities for workers
Investment in new production technologies	International customer expansion (including China market entry)

Client References & Proven Track Record

25+ Years of Trusted Partnerships

Industry	Years Experience	Key Capabilities
Automotive	18+ years	Pump bodies, steering, transmission
Medical/Electronics	12+ years	Housings, heat sinks, connectors
Hydraulics/Pneumatics	15+ years	Distributor bodies, actuators, valves
Oil/Gas/Industrial	10+ years	Gas equipment, mechanical systems

Representative clients across Europe. References available upon request.