



Pioneering industrial technology

GF Corporate

GF Piping Systems

GF Casting Solutions

GF Machining Solutions

1802 GF founded in Schaffhausen



Johann Conrad Fischer

1864 First piping systems product



Malleable iron fitting

1897 First automotive part



As of 1900 GF develops wheels made of cast steel for trucks and cars

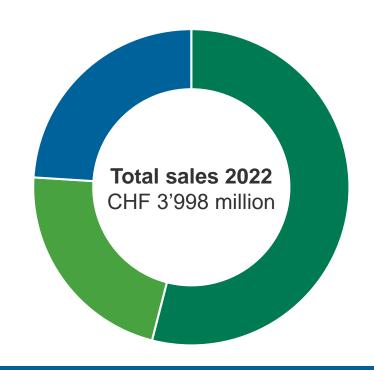
1921 First machinery



GF acquires the Machine Factory Rauschenbach for agricultural machinery



Today GF stays at the forefront of new technologies



Q

Sales CHF 4 billion, EBIT CHF 391 million and 15'207 employees in 2022



Our core strength lies in applying state-of-the-art industrial technologies



We are specialists in developing tailored solutions to meet the **needs of our customers**



We operate in markets with high technology, complex processes and certification requirements

GF Piping Systems GF Casting Solutions GF Machining Solutions

CHF 2'160 million CHF 892 million

54%

CHF 892 millio

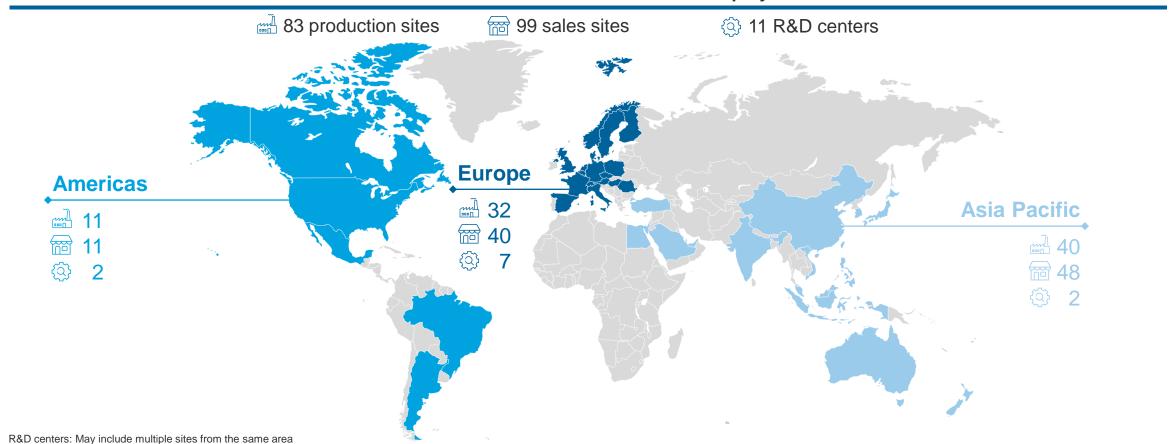
22%

CHF 948 million

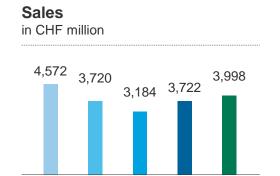
24%

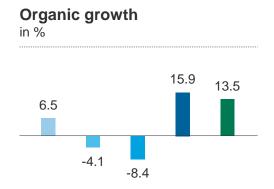
Our global footprint supports local for local strategy

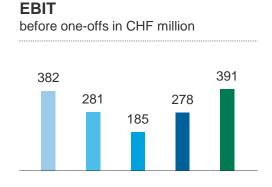
Present in 39 countries with 15'207 employees

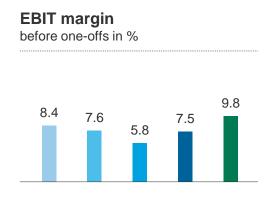


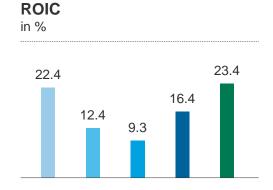
Key financial figures – five years overview

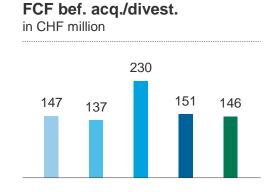


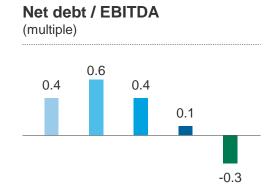


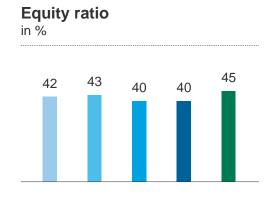






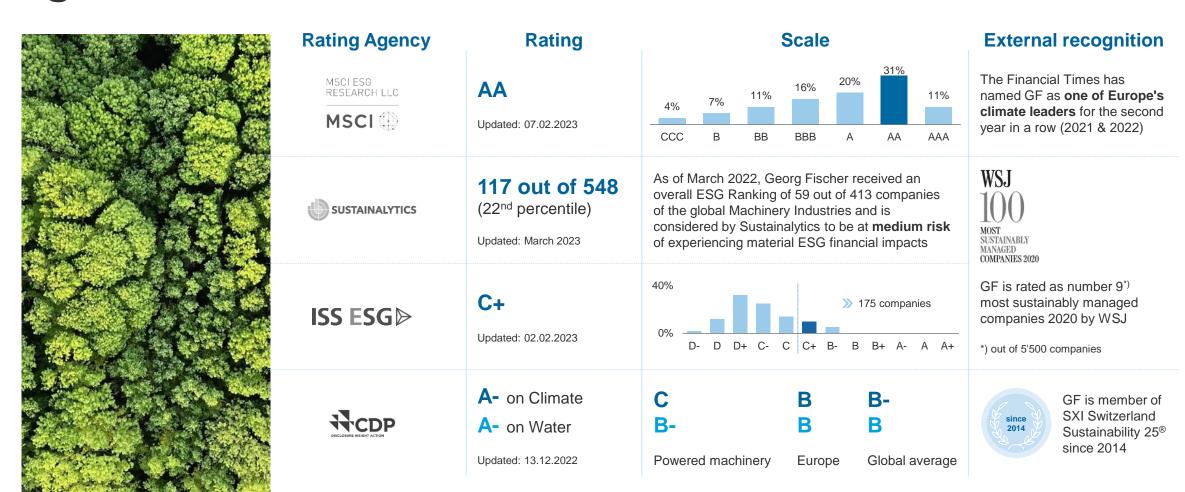






FY 2018 FY 2019 FY 2020 FY 2021 FY 2022

Our ESG efforts are clearly recognized by leading agencies







Our Vision

GF is a sustainability and innovation leader providing superior customer value





Our strategy 2025 is about profitable growth with emphasis on resilience and learning

Corporation	GF Piping Systems	GF Casting Solutions	GF Machining Solutions
Sales CHF 4.4 – 5.0* bn	Sales CHF 2.2 bn	Sales CHF 1.1 bn	Sales CHF 1.1 bn
Return on sales 9 – 11%	Return on sales 13 – 15%	Return on sales 9 - 11%	Return on sales 8 – 10%
Return on invested capital 20 – 22%	Return on invested capital 20 – 24 %	Return on invested capital 18 – 22%	Return on invested capital 20 – 24%

1 Drive profitable growth through intelligent and sustainable solutions

Increase robustness through resilient portfolio and operational excellence 3 Evolve culture towards more performance and learning



GF proactively captures global opportunities













Our customers







Industry

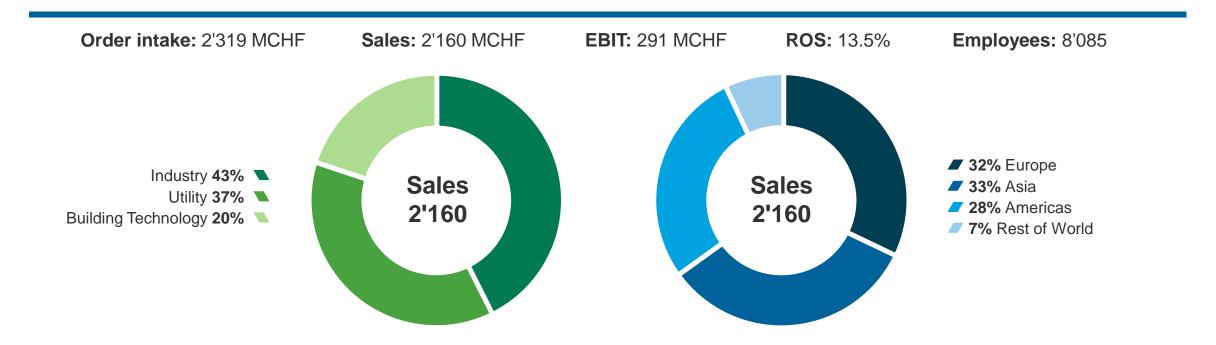








Business overview



Industry

Position: International market leader

Major competitors: Simona (DE), Aliaxis (BE), Spears (US), Watts Water (US), Sekisui (JP), Asahi (JP), Gemü (DE), Agru (AT)

Utility

Position: World #1 for PE electrofusion fittings

Major competitors:

Aliaxis (BE), Lesso (CN), Hubbell (US), Migzhu (CN)

Building Technology

Position: Switzerland #1, Leading in selected markets **Major competitors:** Geberit (CH), Aalberts (NL), Viega / Nussbaum (DE), Firat (TR), Lesso (CN)



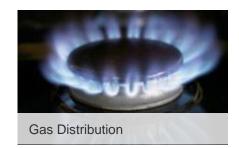
Resilient business segments support further growth



















Competitive Advantages



Global presence and on time delivery



Nr. 1 brand in engineered Piping Systems



Customized and prefabricated solutions



Most comprehensive product offering



Application expertise in resilient market segments



D.L.E. – promising sustainable process to produce lithium



Megatrend

- Sustainable energy storage
- Strong demand for lithium –
 3.5 million tons by 2030

Solutions

New extraction technologies (D.L.E

 Direct Lithium Extraction) with significant reduction of resources & emissions (Water -60%, CO₂ -90%)

GF solution

- Chemical resistant piping systems and process automation
- Pre-fabrication to ease installation on site



Ensuring permanent water supply with decentralized water treatment solutions

Ekopak - Water as a service



Ensures permanent locally produced water supply with optimal quality according to individual needs



GF as complete solutions provider, consisting of valves, controllers, actuators and measuring technology



High water quality despite high variance in quality of supplied water



Process automation allows to control actuators remotely and collect and analyse data







Our customers







Automotive

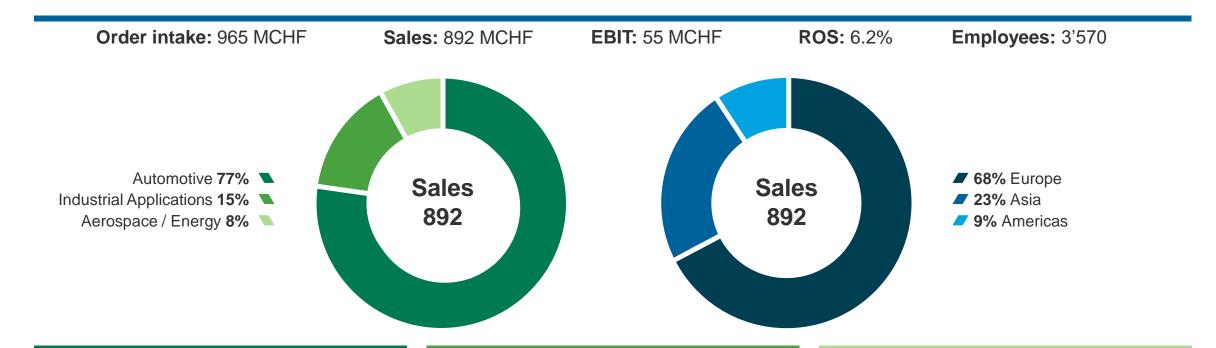








Business overview



Automotive

Position: Europe Top 3

Major competitors: Light-metal: Nemak (MX),

Handtmann (DE), DGS (CH), KSM Castings (DE), Ryobi

(JP), Meridian (US)

Iron: Fujiwa Machinery Industry (CN)

Industrial Applications

Position: Europe Top 3

Major competitors: Eisenwerk Martinlamitz (DE),

Luitpoldhütte (DE), Arrowcast (US)

Aerospace / Energy

Position: Europe Top 3

Major competitors: CPP (US), Howmet (US), Doncaster

(GB), PCC (US)



Lightweight solutions for sustainable mobility













Competitive Advantages



Global presence



Trusted development partner and solution provider



Big Casting in-house competence (AI / Mg)



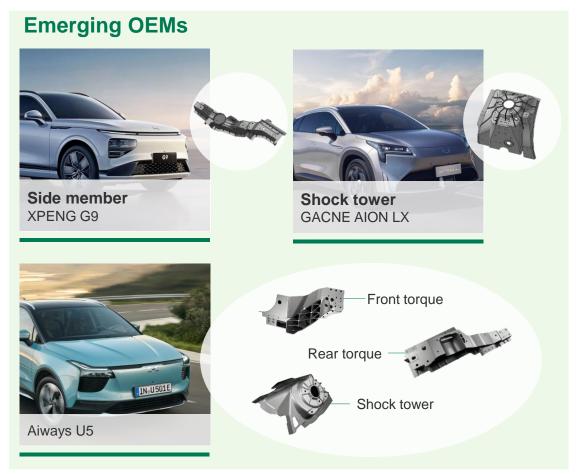
In-house mold technology competence



Ctrong

Strong expertise in e-drive solutions and lightweight structural parts





High demand for sustainable mobility accelerates development of lightweight mega castings



Megatrend

Sustainable mobility

Solutions

Vehicles with lightweight design

GF solution

- Large body and structural parts to simplify production process
- Lightweight solutions to increase range of EVs
- Mega casting on existing machinery



Reducing scrap material with Artificial Intelligence

Scrap during ramp-up

Need of skilled workers

Essential knowhow

Sensor data used to train the model



HPDC Sensors



Thermocamera



Cutting



DMC

Visual inspection

Artificial Intelligence /

random forest indicating areas of high rewarding adjustments

Scrap reduction in ramp up phase between 2 – 10%



Shorter ramp-up process

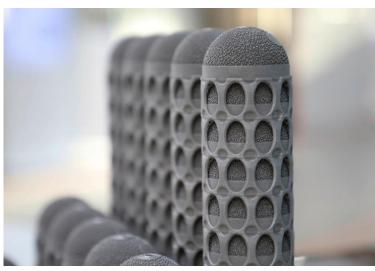




Our customers







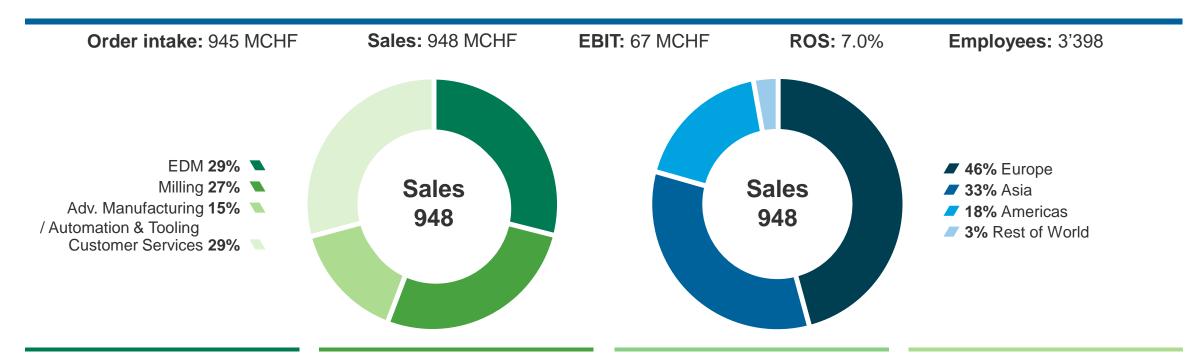








Business overview



EDM

Position: Top 3

Major competitors: Sodick (JP), Fanuc (JP), Mitsubishi (JP), Makino (JP)

Milling

Position: HSM Top 5

Major competitors: Makino (JP), Hermle (DE), Röders (DE), DMG Mori (DE),

Exeron (DE)

Adv. Manufacturing / Automation & Tooling

Position: World #1

Major competitors: Erowa (CH),

Hirschmann (AT), F-Tool (CH), Zimmer &

Kreim (DE), Fastems (DE)

Customer Service

Position: #1 Coated Wire Sales



+

Providing complete technology solutions for dedicated markets



















Competitive Advantages



Global presence and customer proximity



Specialized know-how in automation and integrated solutions



Center of competence



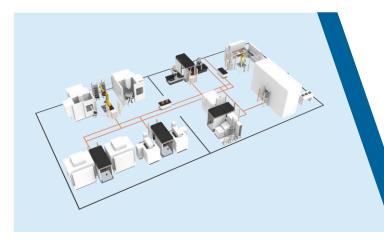
Worldwide customer service organization



Tool technology of tomorrow - fully automized tool technology centers



System 3R Fanuc linear cell with milling & wire EDM machines and System 3R Tooling packages, installed in one factory



Standard docking station as an interface for Autonomous Mobile Robots (AMR)





Multi-technology integration



Scalable



Overall efficiency above standard



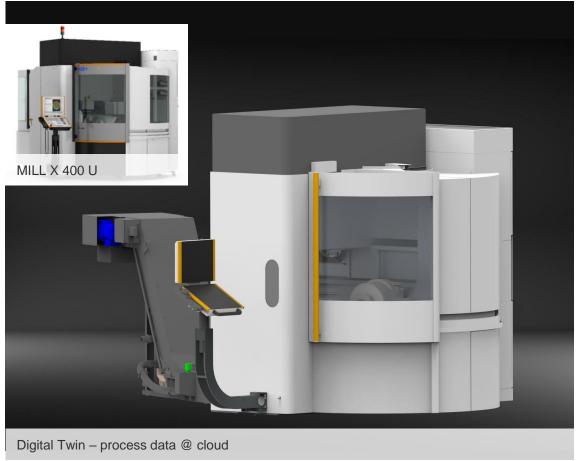
Man / Unmanned compatible



Flexible

New energy efficient machine tool solutions

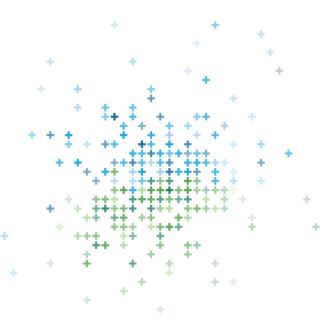






GF at a glance

Investment proposition





Strategy focus on profitable growth with emphasis on resilience and learning through intelligent and sustainable solutions, a resilient portfolio, operational excellence and evolving culture towards more performance and learning



Products and services addressing demand of global mega trends global mega trends with direct business impact in all three divisions



Industry-leading technology provider with more than 200 years of industrial know-how. Well balanced geographical presence with a Swiss quality brand and technology with worldwide local production



Focus on solutions for our customers for their sustainable business creating value to society and contributing to a sustainable development



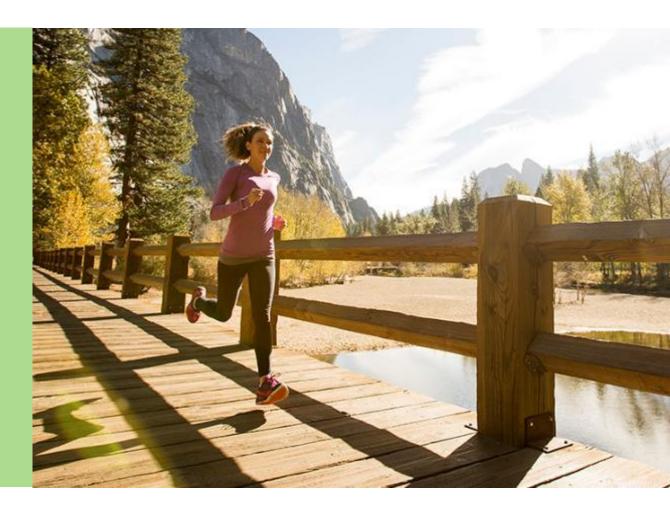
Focus on long-term value creation and return on invested capital value generation for our shareholders and other stakeholders





Our purpose

Becoming better every day – since 1802











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