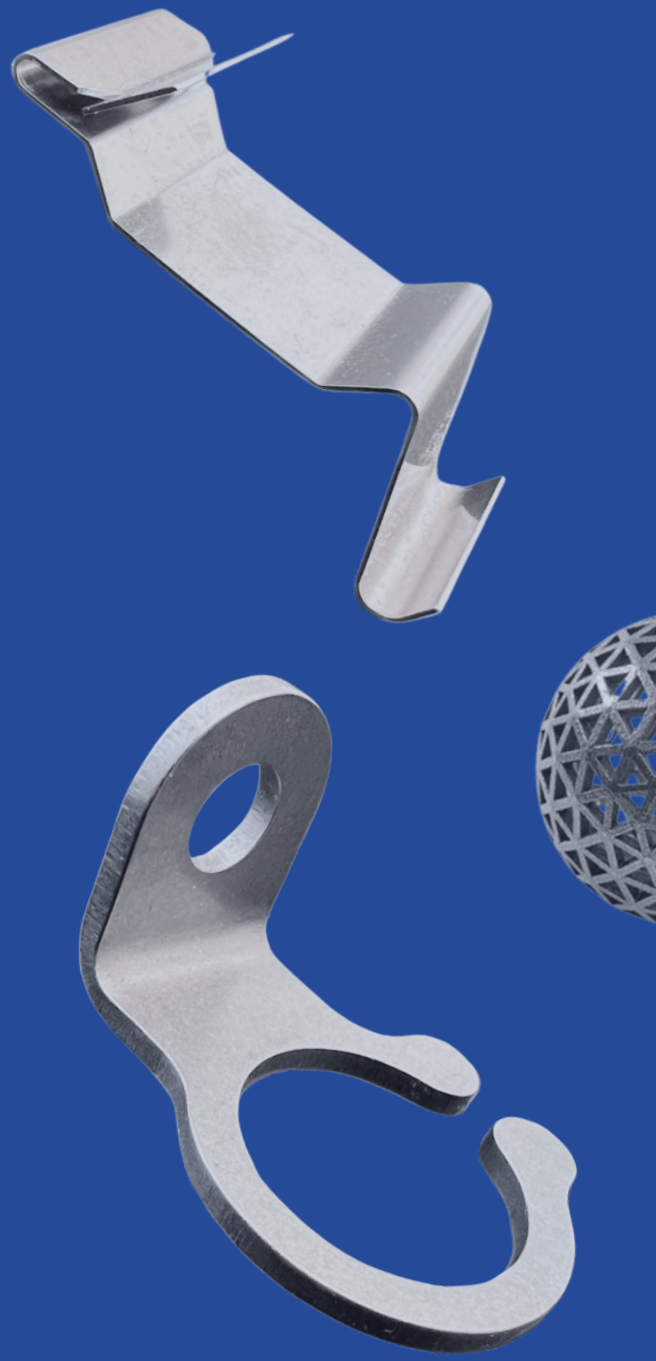
Simaform

www.simaform.lu



3D METAL & PLASTIC PRINTING
PRECISION SHEET METAL

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SIMAFORM
WITHIN THE GOTTSCHOL GROUP

Simaform is proud to be part of the Gottschol Group, a family-owned business with roots dating back to the 1960s, when the company first began its operations. It later became part of the Gottschol family legacy.

Initially specializing in the automotive market, Simaform has grown into a global player with production facilities in the Czech Republic and the USA.

While precision sheet metalwork was its foundation, the company now offers an extensive range of solutions, including advanced laser technologies, to serve a variety of industries and meet diverse customer needs.

With decades of expertise and a steadfast commitment to quality, Simaform continues to innovate and adapt to the ever-changing demands of global markets - all while staying true to its family values and forward-thinking approach.

THE SIMAFORM COMPANY

OUR VALUES

Values that define your projects

Experience

Backed by over 60 years of expertise across various fields

Innovation

Continuous investments in cutting-edge technology and staff training

Responsiveness

Every project receives the same level of care and commitment

Flexibility

State-of-the-art equipment and skilled teams ready to meet diverse demands

ISO 9001:2015 certified

OUR SERVICES

- Laser cutting
- Laser welding
- Laser marking
- Laser engraving
- Engineering

- Metal printing
- Plastic printing
- Folding
- Swiss turning

- Electrical Discharge Machining (EDM)
- Milling
- Grinding
- Micro-perforation

- Inspection reports
- Deburring
- Sandblasting
- Heat treatment

ENGINEERING

TopSolid

Creo

SmartCam

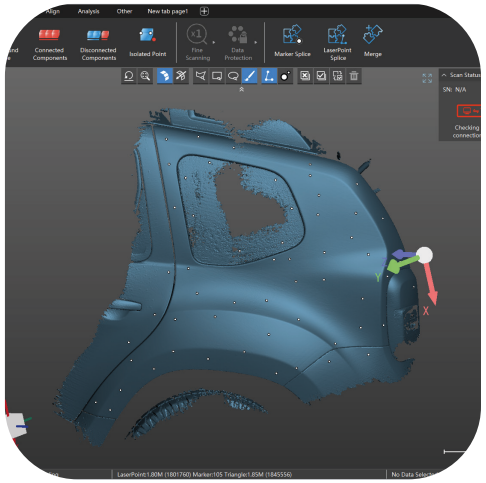
PowerShape

AutoCAD

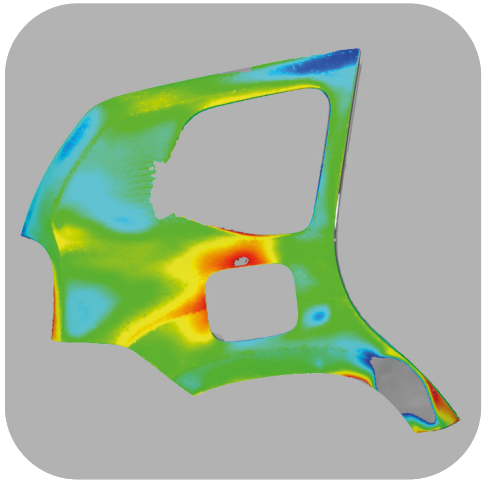
ENGINEERING

3D Scanning

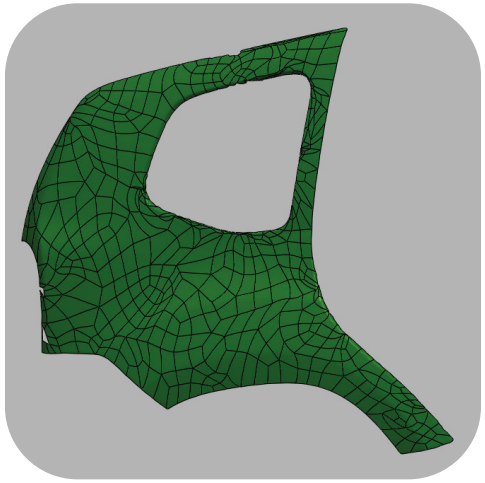
File processing



Dimensional control



Reverse engineering

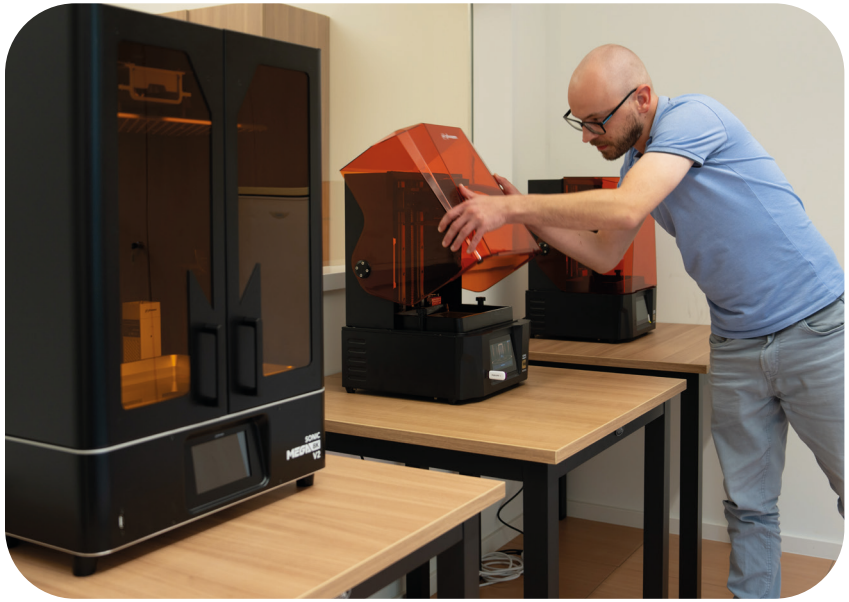


3D PRINTING

Metal

Maraging Steel - Stainless Steel - Titanium

Plastic



Filament (FDM) - Resin - Powder (SLS)

LASER TECHNOLOGY

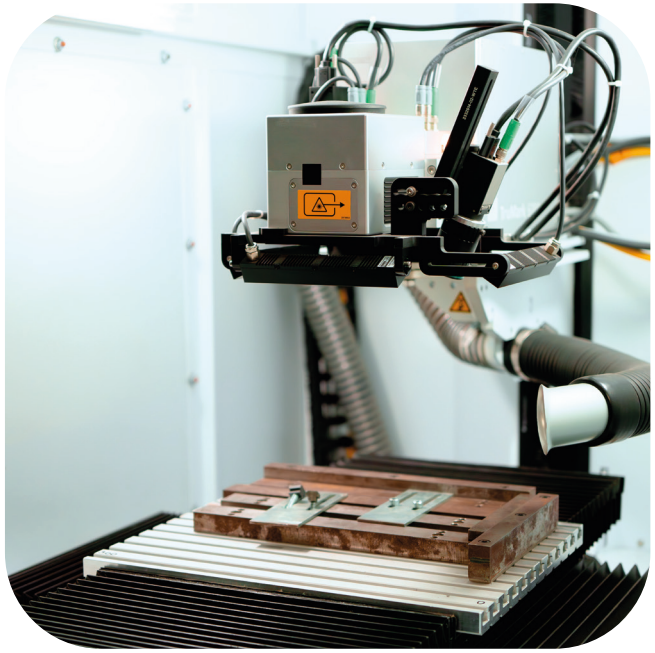
Welding

2 laser welding machines

Cutting

4 laser cutting machines

Marking & engraving



1 laser marking & engraving machine

MACHINING

Milling

3 CNC high speed milling

Electro-Discharge Machining

2 brass wire machines

2 molybdenum wire machines

Grinding

2 grinding machines

SHAPING

Manual punching

41 manual presses

Mechanical punching

4 mechanical or hydro-pneumatic presses

FINISHING

Deburring

Tribofinishing Line with 9 Machines

Sandblasting

4 micro-sandblasting machines

Fitting

Various adjustment tools

QUALITY CONTROL

Tensile strength measurement

Shimadzu 50 KN tensile testing machine

Roughness measurement

Keyence 3D microscope

Porosity measurement

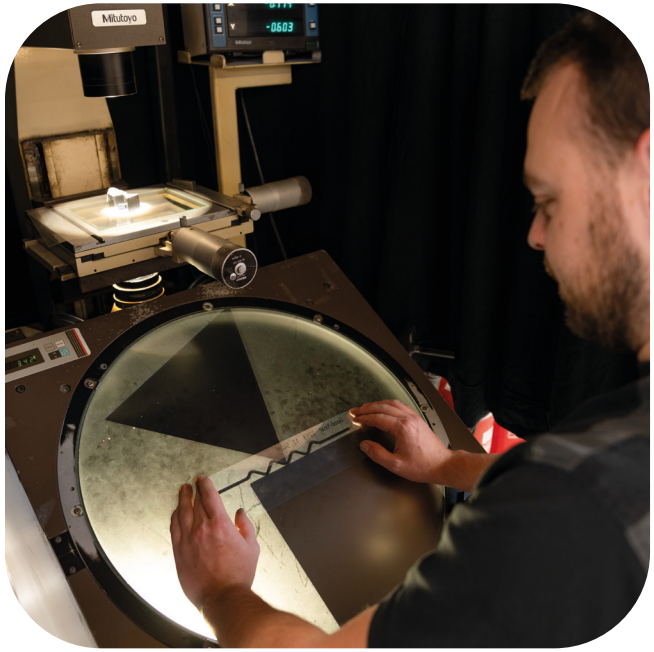
Nikon 3D microscope

Hardness Testing

Mitutoyo hardness tester

QUALITY CONTROL

Dimensional Control



5 Profile projectors

Keyence 2D & 3D microscopes

1 Trimos height gauge

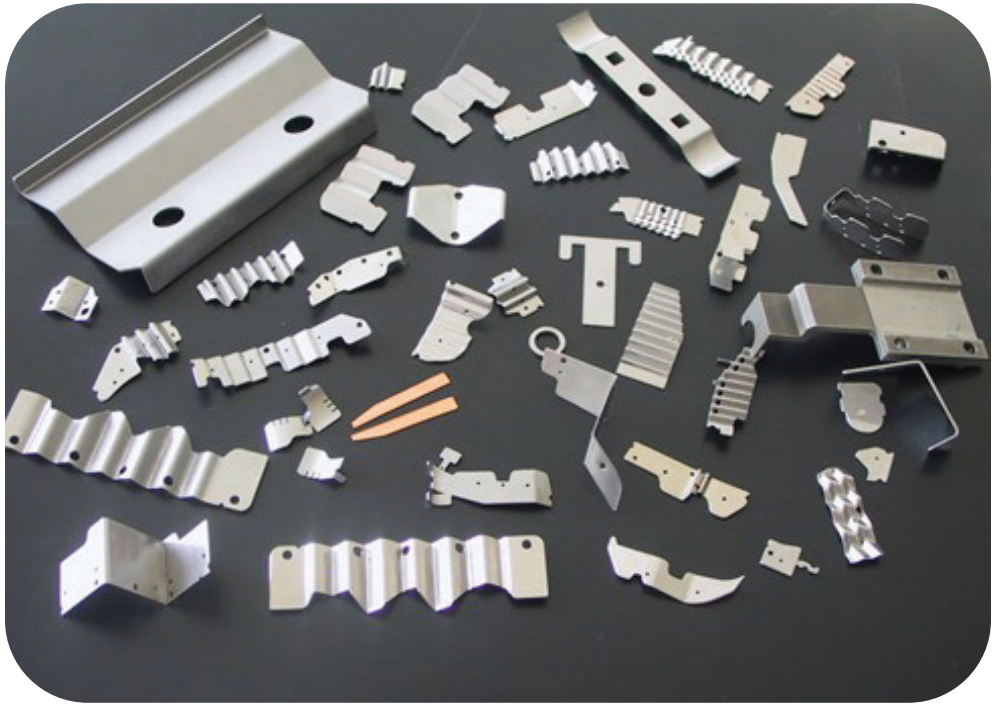
OUR ACHIEVEMENTS

Simaform excels in small to medium production runs, ranging from single pieces to several thousand units, delivering customized solutions designed to meet each client's unique needs.

By producing its own tooling, Simaform achieves a high level of independence, allowing for faster turnaround times and uncompromising quality. This flexibility enables the company to quickly adapt to evolving market demands and varied project requirements, all while upholding rigorous quality standards.

At the core of Simaform's philosophy are innovation and responsiveness, ensuring tailored support and products that consistently exceed the highest expectations.

ACHIEVEMENTS IN SHEET METALWORK



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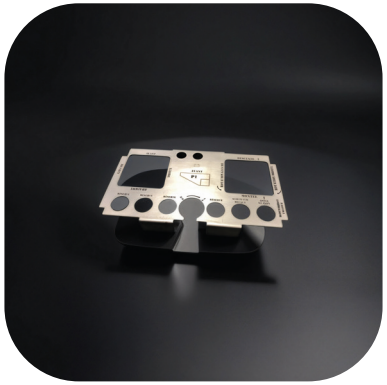
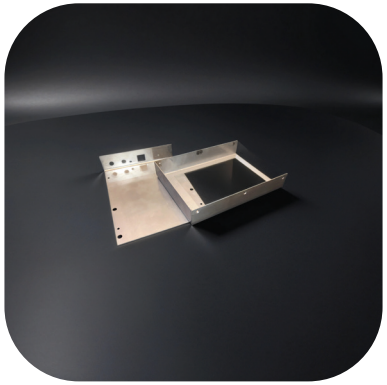
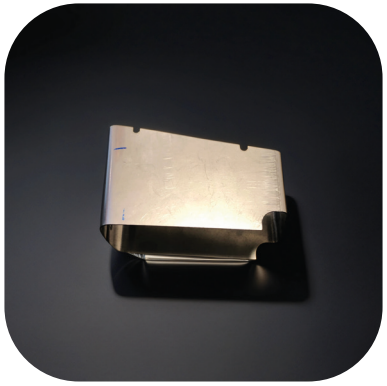
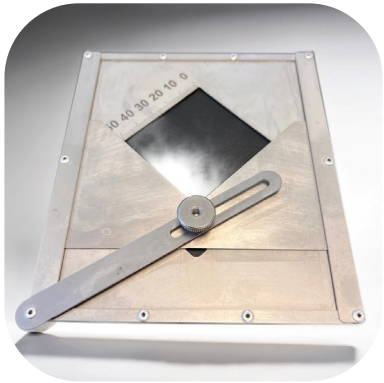
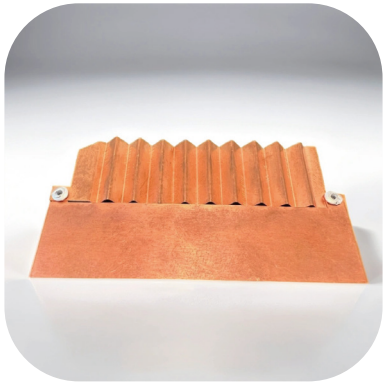


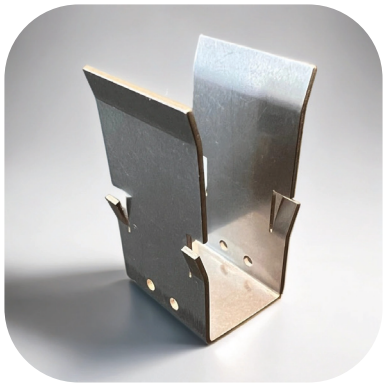




ACHIEVEMENTS IN SHEET METALWORK

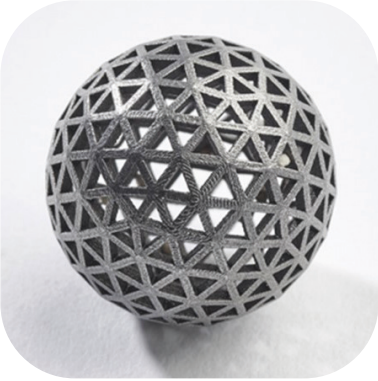






ACHIEVEMENTS IN 3D PRINTING

Metal



ACHIEVEMENTS IN 3D PRINTING

Plastic

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