



GF Machining Solutions:

Il laser texturing per la finitura di superfici: l'esperienza di ML Engraving

Testimonial: ML Engraving



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Sales support laser technologies GF Machining Solutions

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Laser TSE



Texturing Structuring Engraving



Microlution



Laser Micro Cutting Laser Micro Drilling Laser Micro Turning



Additive Manufacturing

DMLS Powder bed For Mold & Die



The three divisions of GF Key figures 2021

GF Corporation

137 companies

14'000 employees

CHF 3'722 million sales







CHF 1'971 million sales

CHF 880 million sales

CHF 873 million sales

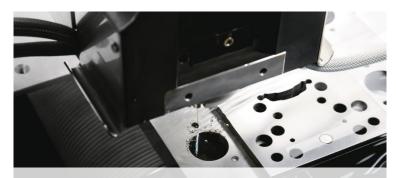




GF Machining Solutions:

+GF+

Our technology brands



AgieCharmilles
Wire-cutting, die-sinking and hole-drilling EDM solutions
and Laser texturing



Mikron MillHigh-speed, high-performance and high-efficiency Milling technologies



MicrolutionSpecialized in femtosecond Laser for hole-drilling and micro-cutting in a wide range of industries



LiechtiLeader in five-axis airfoil machining solutions for the turbine industry



Step-TecHigh-end motor Spindles and subassemblies

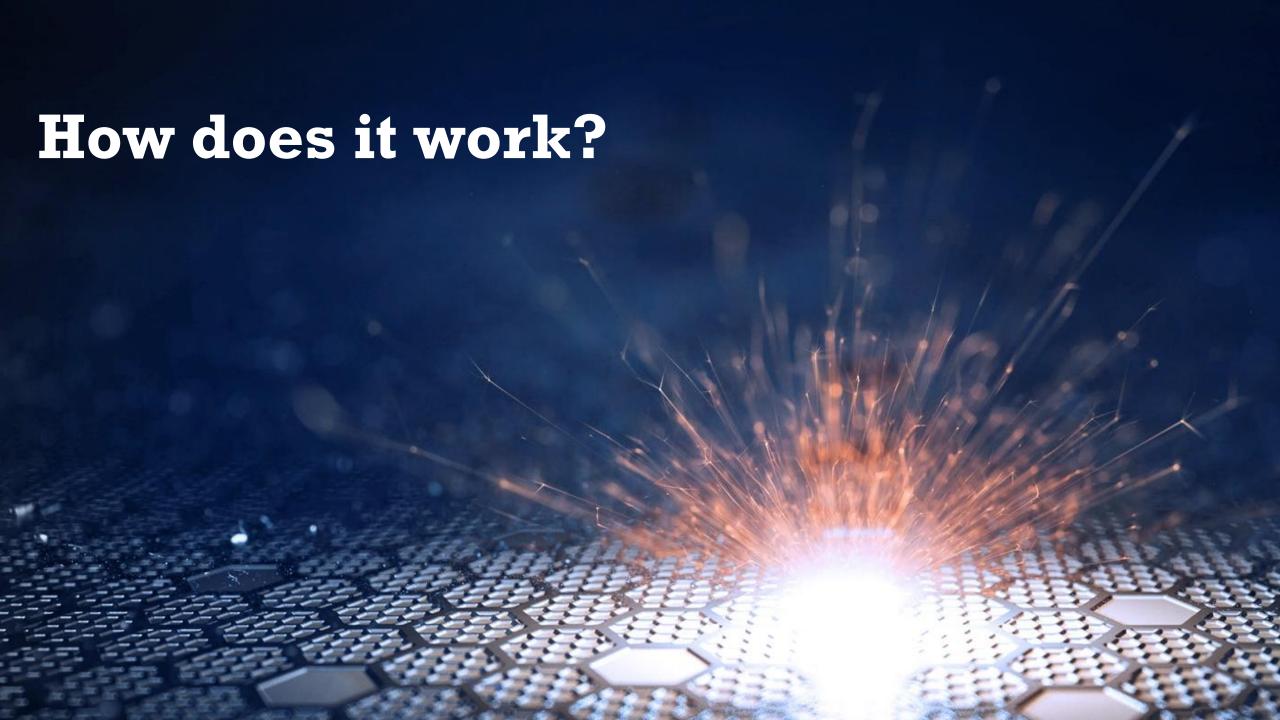


System 3R
Productivity-boosting Automation, Tooling and Software systems



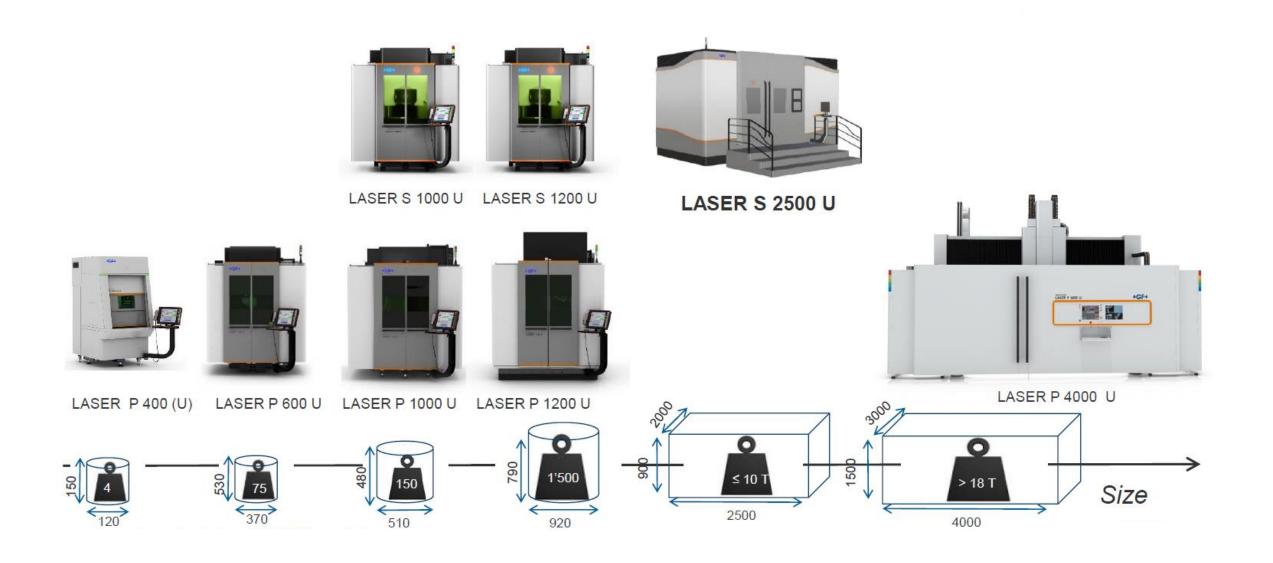






Machine portfolio















ML ENGRAVING

Adding value to surfaces

Since **1999**

Team of 75 professionals

9 laser machines out of 15 are GF Machining Solutions

8,3 € Mln income in 2022

Headquarters in Onore (BG) 2.500 sm

3 patents for texturing protocols

7 projects granted by European Commission

1 Logistics dept. for shipments all over Europe

Members of the GLG Global Laser Group

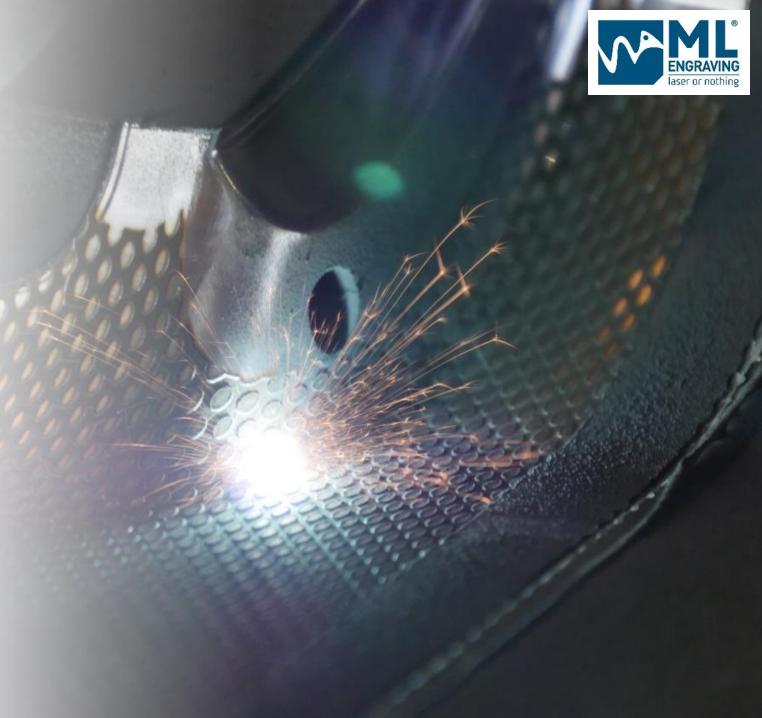
ML ENGRAVING

ML Engraving enhances product surfaces made out of plastics, rubber, silicone or even glass through laser engraving on moulds.

Strengths:

- laser technology
- digital processes
- know-how and experience

Laser technology is sustainable, energy efficient and versatile.



Adding value to surfaces for aesthetics or performance improvement







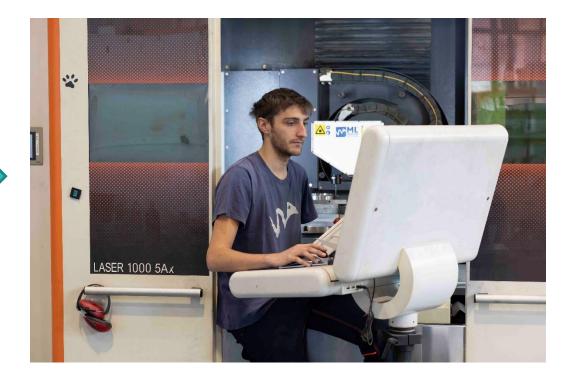
DRE[®]: the brand new era of co-design



Be sure of the final result with DRE®







DRE® provides a **completely digitalized management** of your project: from the digital preview to the engraving.

Rever case study





REVER

A project for



WEVER & DUCRÉ

LIGHTING

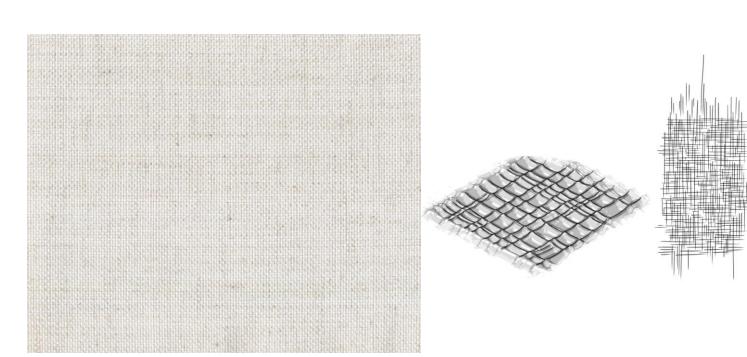
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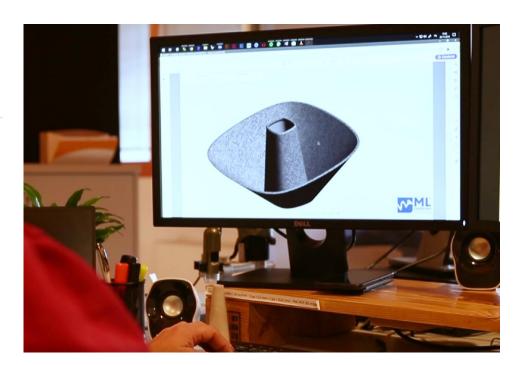
From sample to 3D model



Customer's request

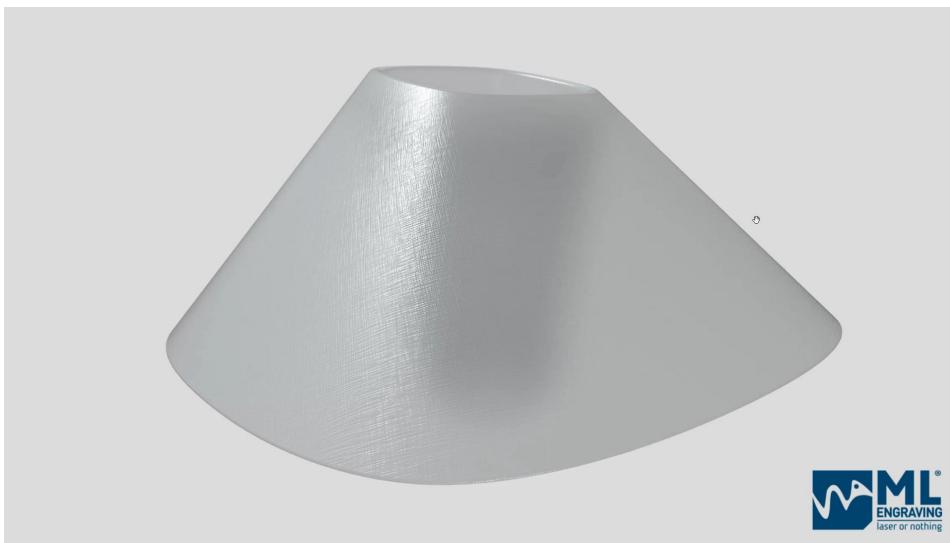
«Texture inspired by delicate linens for the outer panels and an opaque, satin finish for all the inner surfaces»





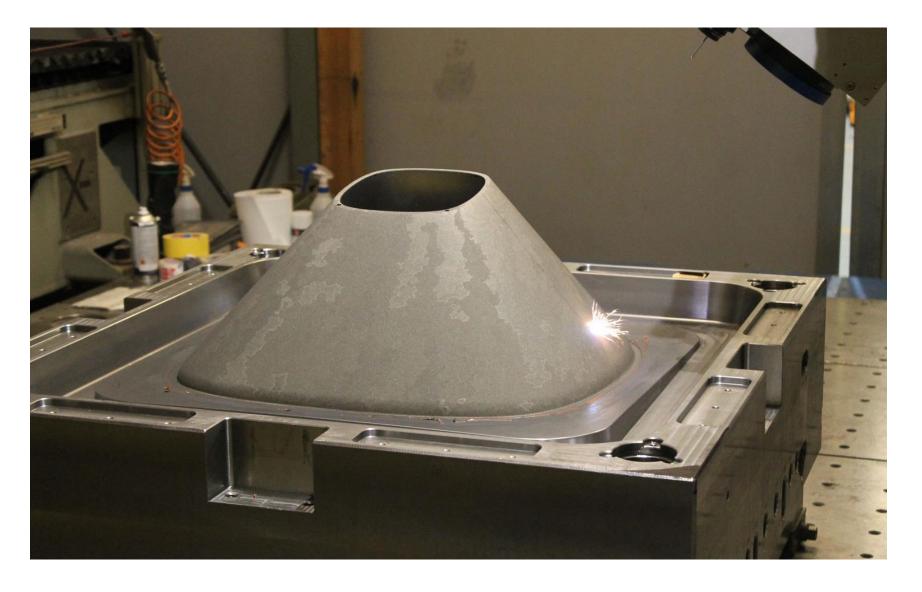
From digital co-design DRE®





To laser engraving on the mould





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From mould to product



