

Altechna

Custom Laser Optics



About us

We develop and provide complex technological solutions and custom designs for laser optics and motorized optomechanical assemblies in laser applications for leading industrial, security & sensing, medical and semicon customers across the globe.

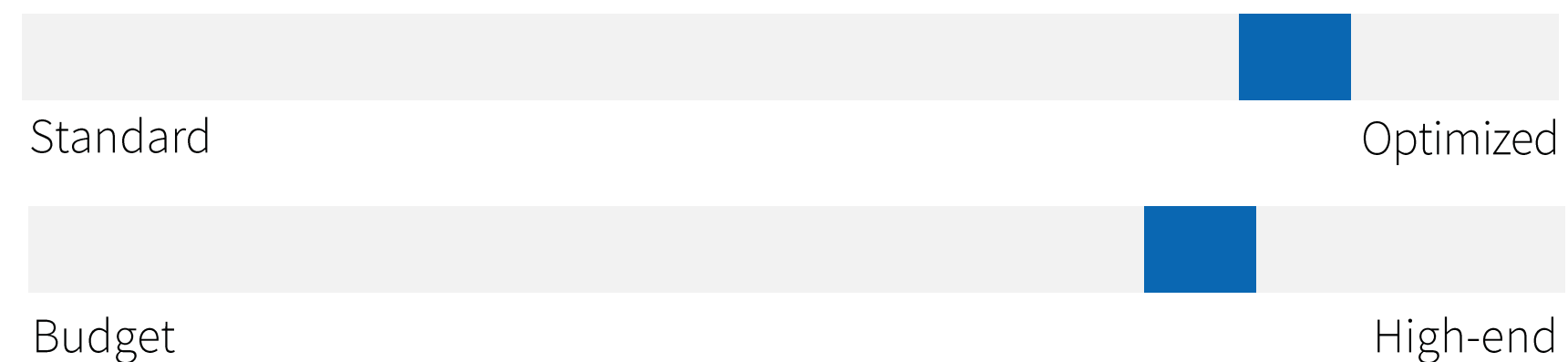


Strategy

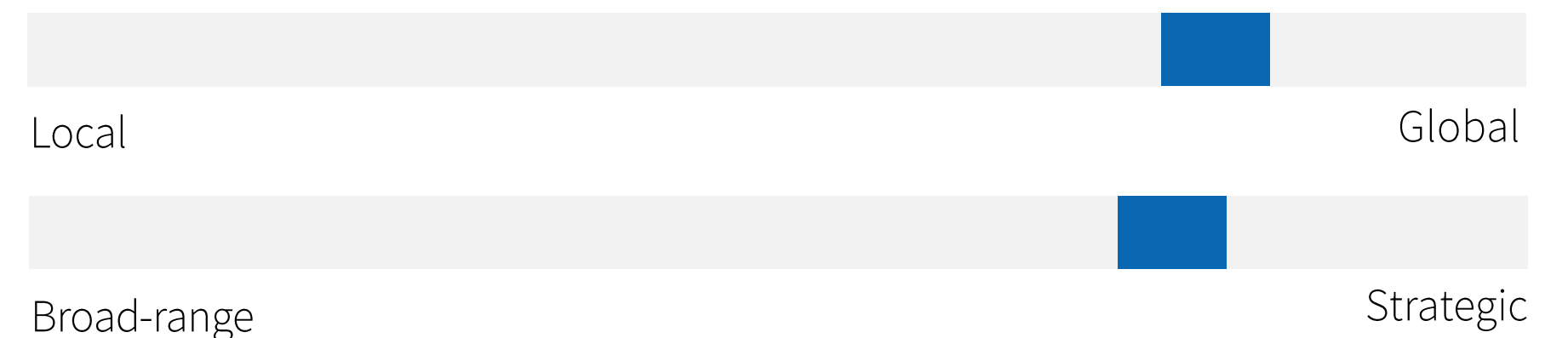
- Focusing on Active 20 program
- Providing solution selling for potential and growing customer base

Position

Products:



Customers:



Highlights

Company revenue, 2021

12.7 M €

Our business is focused on a five-pillar strategy:

- Sales
- Development
- Our supply chain
- Coatings
- Our people

Investments in our infrastructure

6.6 M €

For 2022-2023:

- Digital technologies and automatization for our production processes
- Development of innovative coating technologies and expansion of our manufacturing capacity
- New premises of 3100 m²

Facts

~90%

Export

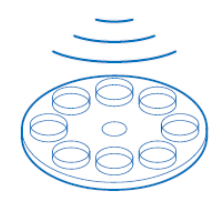


10+

Years

participation in leading photonics exhibitions worldwide

In-house coating technologies



E-beam, IAD, IBS, MS

50:50

Male to female ratio



115+

Employees



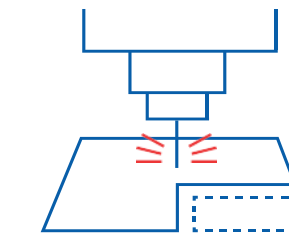
60% have degree in Physics, Engineering

Copy Exactly!

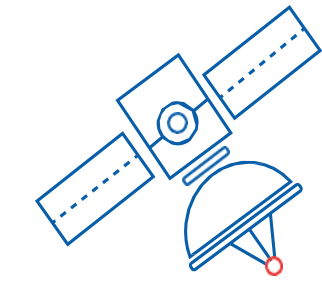


High repeatability

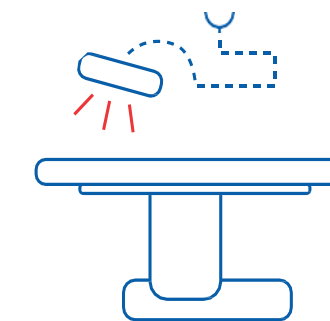
Target markets



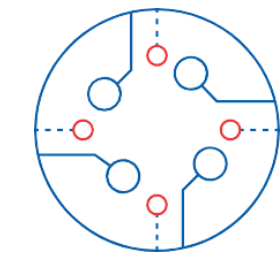
Industry - OEM



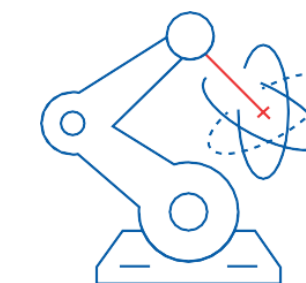
Security & Sensing



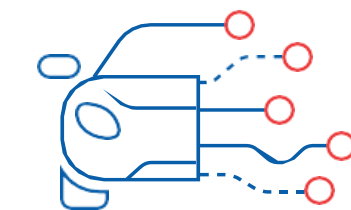
Bio & Medical



Semicon



Science, R&D

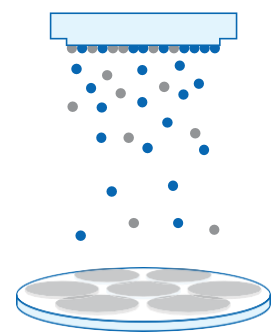


Automotive

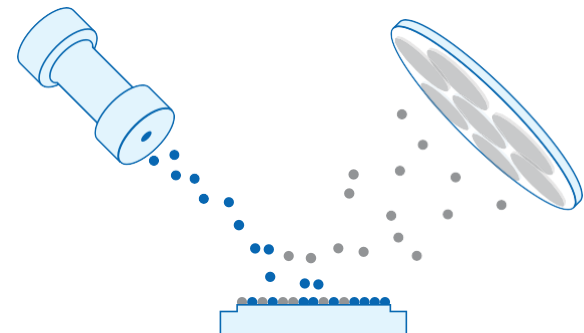
Competitive advantages

Altechna is equipped with various advanced in-house technologies for optics manufacturing, which fully cover the needs of a wide spectrum of customers.

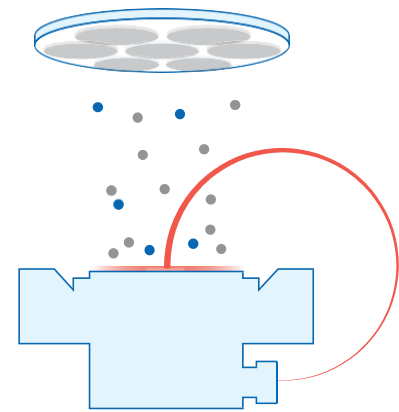
Coating capabilities



Magnetron Sputtering



Ion Beam Sputtering



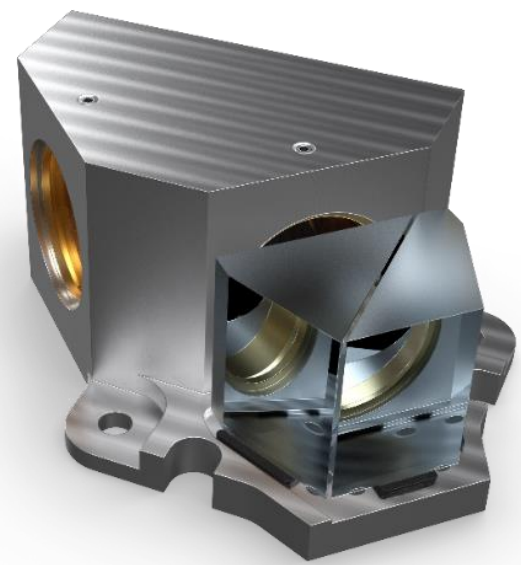
Electron Beam Evaporation + Ion Assisted Deposition

MS	400-3000 nm		
IBS	340-3000 nm		
E-beam	200-5000 nm		
IAD	340-5000 nm		

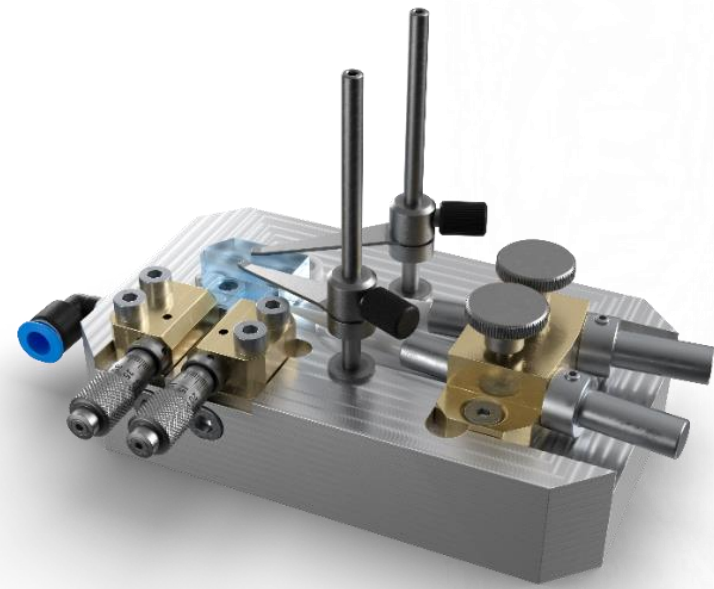


Optomechanical assemblies

We offer a variety of assembly and manufacturing solutions. Starting with exact build-to-print projects based on customer instructions, and ending with fully custom-designed solutions, these are tailored to fit the specific end-user needs.



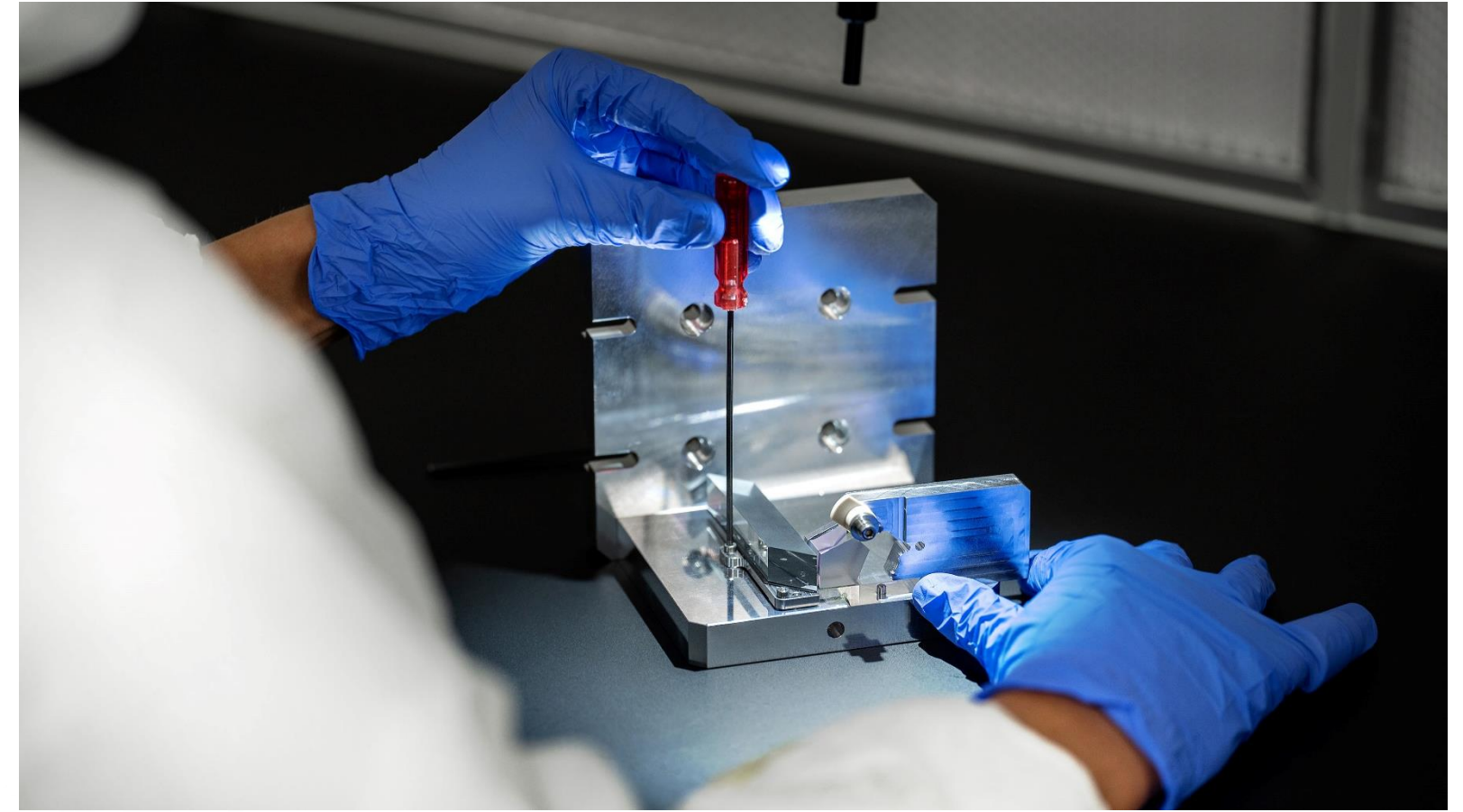
Complex optical assembly



Custom tooling



Standard optomechanics



Investments over 2022

2.4 M €

Infrastructure

- Single location
- 3000 m² of new facilities
- 1600 m² of manufacturing and metrology (additional 1600 m² for expansion)
- 600 m² of cleanroom



4.2 M €

Equipment

- **Ebeam - Bühler Leybold SyrosPro 1350**
Most productive and cost-efficient e-beam evaporation coating technology on the market today.
- **MS - Bühler Helios sputter 800**
Magnetron sputtering coating technology designed to meet the highest demands for thin film coatings.
- **UCM SmartLine cleaning station**
Ultrasonic cleaning machine for precision individual cleaning tasks.
- **Zygo Profilometer**
Optics surface roughness measurement tool will accelerate optical coatings development in line with strategic customers needs.





Antanas Laurutis

Altechna CEO

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2022.04.07, EPIC Annual General Meeting



We're happy to be able to serve some of the biggest names in the laser industry and employ only outstanding people.

Altechna