



4JET MicroFab
Subcontract Laser processing at your service

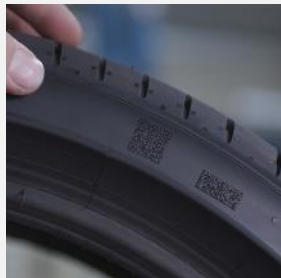
The 4JET Group – Innovative Laser Solutions for Tomorrow's Production

- Headquartered in Alsdorf, Germany • Subsidiaries in Atlanta and Shanghai • 150 employees, > 50 R&D engineers
- Unique know-how in laser processing • High-end R&D laboratory • > 20 patent families
- more than 350 systems installed worldwide • Global service network • Blue-chip company customers

Tire Manufacturing

*Laser Cleaning and
Surface Preparation*

Marking, Traceability &
Quality Inspection



Automotive and General Industry

*Laser Cleaning and
Surface Preparation*



Glass and Thin-Film Photovoltaics

*Laser Cutting & Drilling
Laser Patterning*



Micromachining Job Shop Services

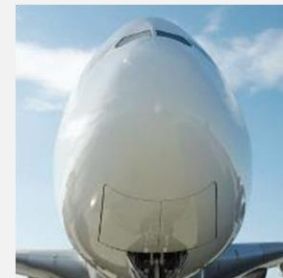
Laser Cutting, Drilling
& Patterning

Laser Cleaning and
Surface Preparation



New Business

Surface
Functionalisation



Serving a global customer base with regional sales and service hubs

Alsdorf (DE)

HQ, R+D,
Production



Eschweiler (DE)

Production



Prutting (DE)

Job Shop



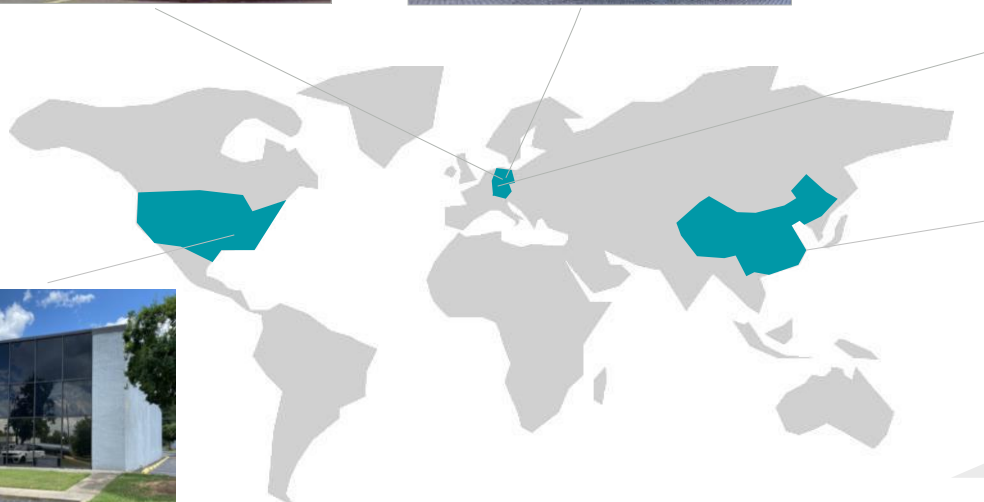
Shanghai (China)

Sales + Service



Atlanta (USA)

Sales + Service



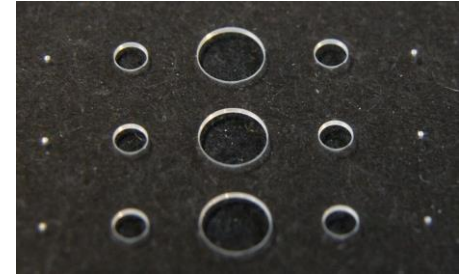
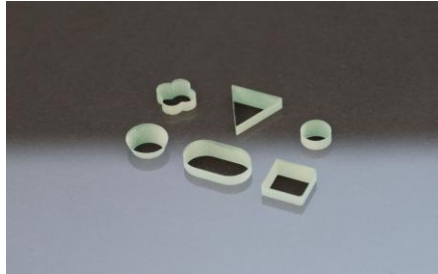
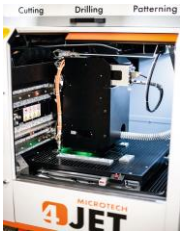
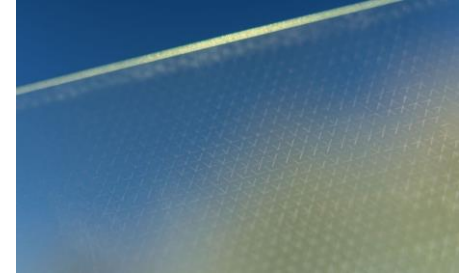
DE: 140 FTE
US: 5 FTE
China: 6 FTE



Laser Cleaning and Surface Preparation



Laser Cutting, Drilling & Patterning



Laser glass cutting and patterning – Where Quality Matters

Health care

- Lab-On-Chip, Micro slides, microfluidics

Optical Glass

- Lens Arrays Substrates for Mirrors etc.

Architectural Glass

- Standard glazing, Smart glass, BIPV solar modules

Automotive and Transportation glass

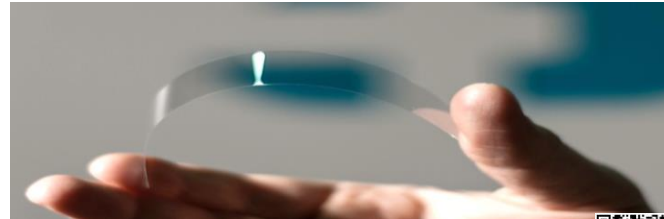
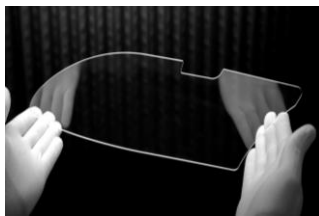
- Windshields, Side&back-lites, Rooftops
- Interior Cockpit, Instrument Panel, mirrors

Display Glass

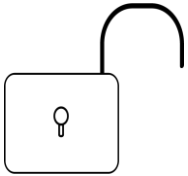
- Machine panels

Semiconductor

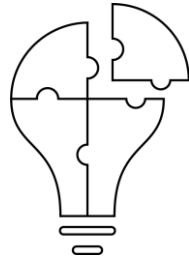
- Wafer glass



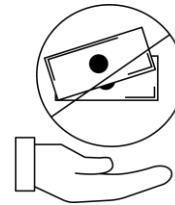
Tomorrow's Laser Production already today



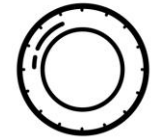
Overcome
inhibition



Learning capability's of
Laser processing



Minimize investment
for testing new
technology



Backup for
Service
Maintenance
Production Capacity



Let's Stay Connected.

Thomas Melle, Head of MicroFab
4JET microtech GmbH
Inzenham 4
83134 Prutting
Bavaria, Germany
Tel. +49 1722804878
thomas.melle@4jet.de

www.4jet.de

