

MACHINE FEATURES

- High accuracy and repeatability
- High processing quality with no heat affected zones
- Integrated machine vision
- Automatic calibration for stages, galvo scanners, vision, laser power
- Flexible and easy to use software
- Easy to switch between different micromachining applications
- Flexible configuration
- Reliable, running for 10+ years

AKONEER

“As a long-time user of Akoneer laser systems, I appreciate their extensive know-how in wide range of application technologies, based on which they are able to design a tailor-made laser system for the customer. Furthermore, I must highlight their ability to be dedicated to their customers from the beginning of the design to the after-sales service of their systems. Their long-term experience in laser system integration combined with high-end hardware is a guarantee of reliability.”

Adam Cermak
Researcher at Research Center of Manufacturing Technology -
Czech Technical University in Prague, Czechia

Download PDF here:



Laser Machines For Production And R&D

- Cutting
- Drilling
- Marking
- Engraving
- Surface structuring
- Selective plating with SSAIL

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Years in building
ultrafast laser machines



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AKONEER

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AKO 300/600 SERIES

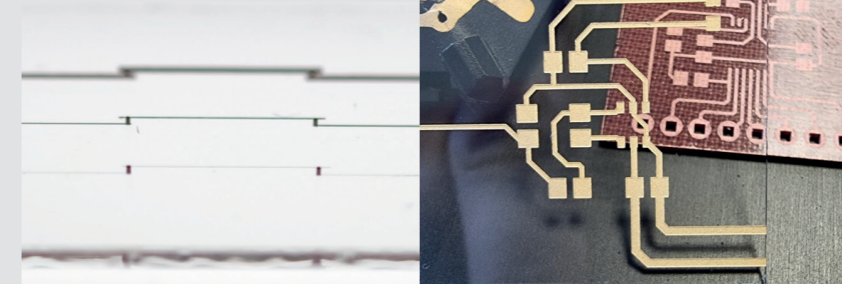
AKO 300/600 machines are the answer to 90% of ultrashort pulse micromachining challenges today. A highly flexible and upgradable platform assures that it stays like that tomorrow.

Parameter	Value
Working area	300x300x200 / 600x400x200 mm
Focusing options	3D Galvo scanner / Fixed beam / Both
Wavelengths	1030 / 515 / 343 nm (one, combination of two or all three)
Laser power	Up to 80 W @1030 nm
Machine vision	Co-axial and parallel
5-axis configuration	Optional
Software	Easy to use and flexible software control
Automated calibration	Laser power, galvo scanner, vision
Accuracy	<1 μm

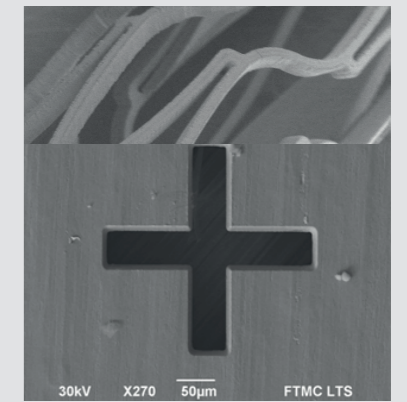


APPLICATIONS

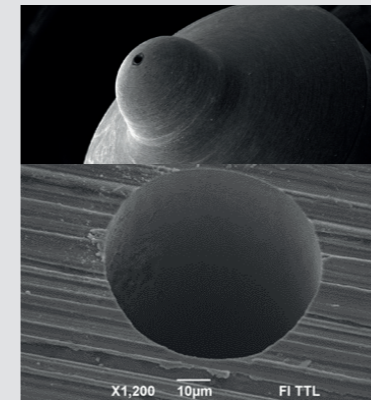
SSAIL



CUTTING



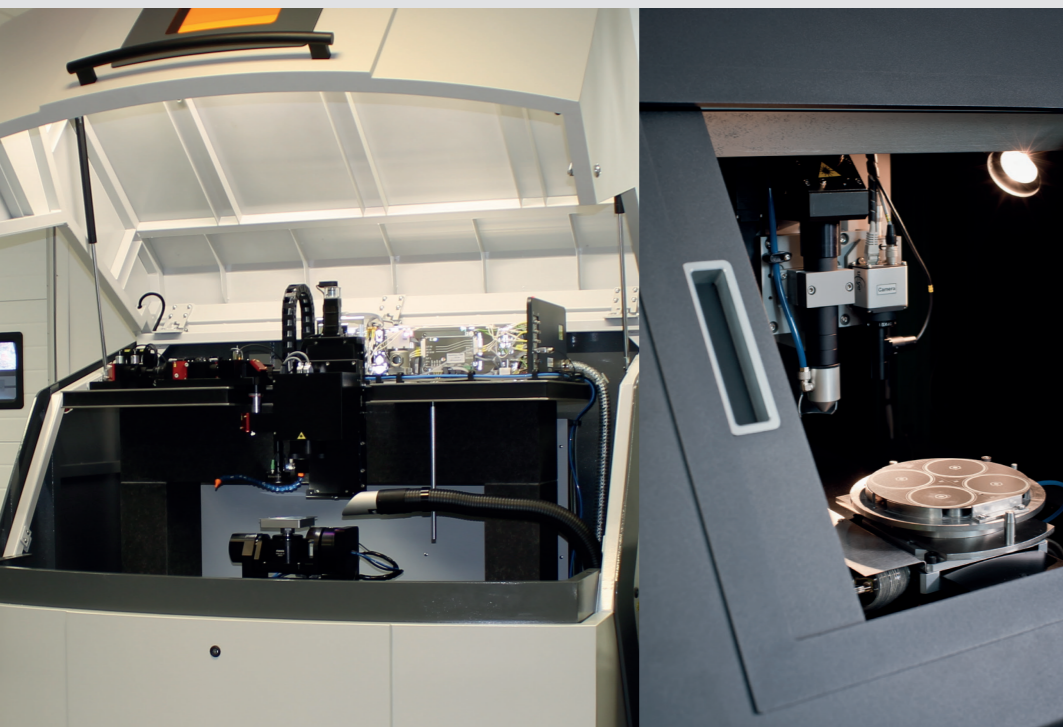
DRILLING



MARKING

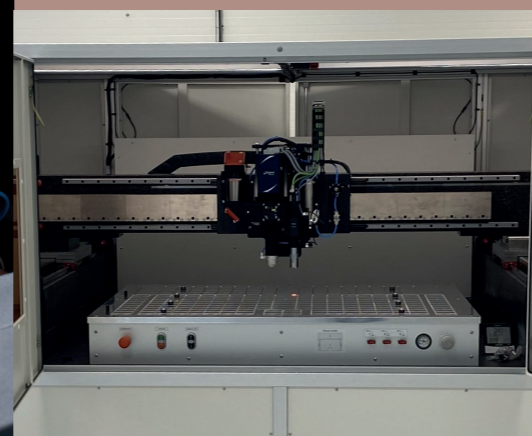


ENGRAVING



Different configurations

- Multi wavelength
- 5+3 axis
- Large working area
- R2R



PURCHASE PROCESS

