

AKONEER

Laser Machines for Productions and R&D

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



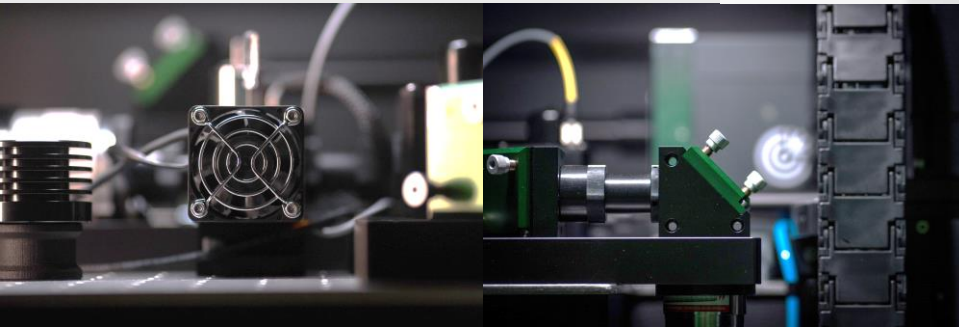
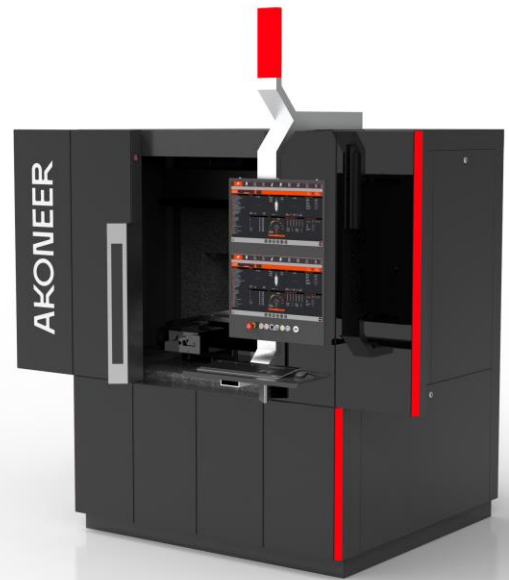
13

Years in building
ultrafast laser
machines

AKO 300/600 SERIES

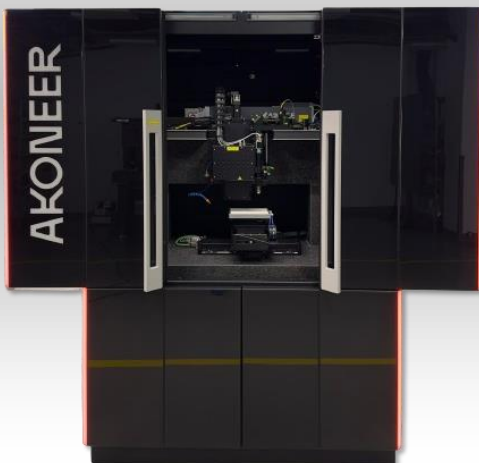
Parameter	Value
Working area	300x300x200 / 600x400x200 mm
Focusing options	3D Galvo scanner / fixed beam / both
Wavelengths	1030 / 515 /343 nm (one, combination of two or all three)
Laser power	Up to 80W @1030 nm
Machine vision	Co-axial and parallel
5-axis configuration	Optional
Software	Easy to use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

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.



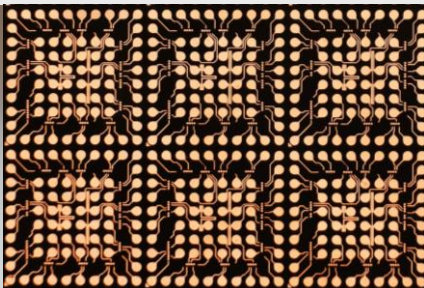
Different configurations

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

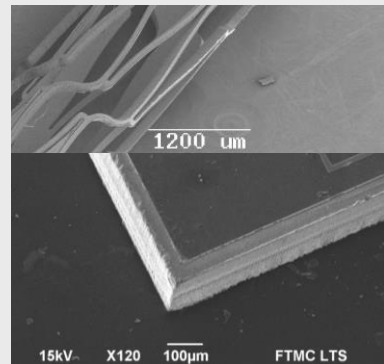


APPLICATIONS

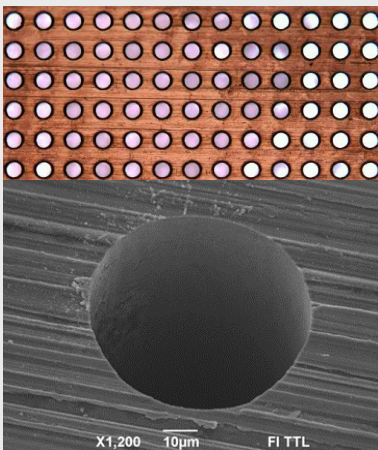
SSAIL



CUTTING



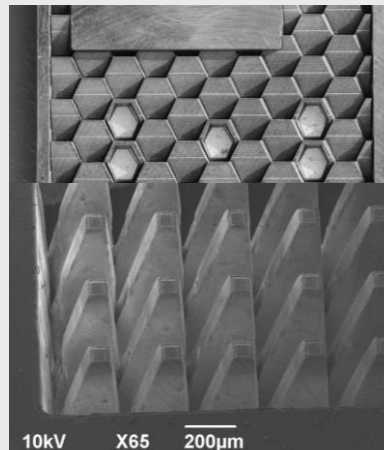
DRILLING



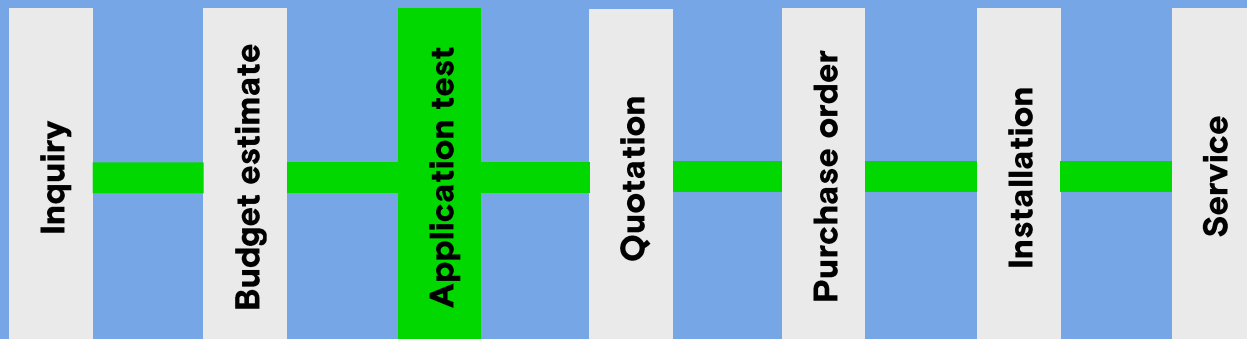
MARKING

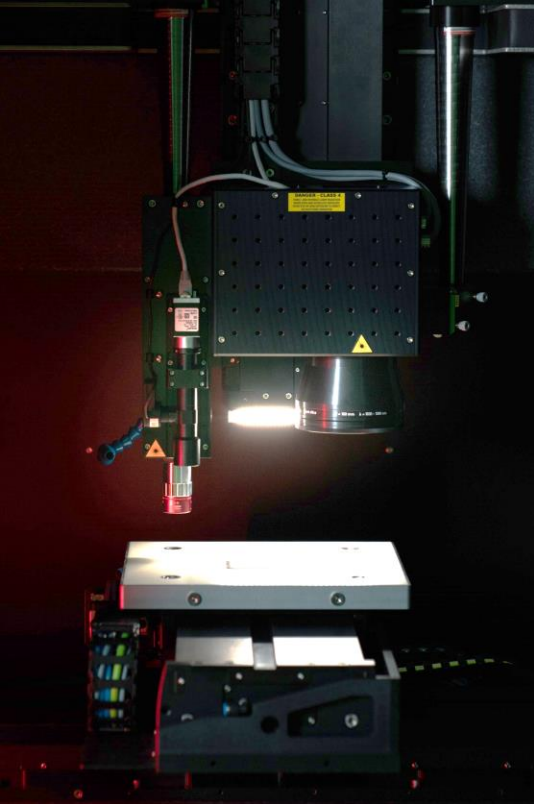


ENGRAVING



PURCHASE PROCESS





FEATURES OF AKO 300/600

- 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

“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

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