



3-Axis Linear Drive Fiber Laser Machine



REGIUS AJ SERIES

Growing Together with Our Customers



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inquiry



AMADA's head office is certified and registered with the environment management system, ISO14001:2004.

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Fusion of Advanced Technologies

"REGIUS"

Changes Laser Processing

"REGIUS" integrates 4 technologies: "3-axis linear drive", "AMADA original beam control technology", "Laser Integration System" and "Easy operation", and maximizes machine potential to realize super fast and ultra precise process and minimize downtime. This machine solves processing issues of sheet metal fabricators and changes manufacturing process significantly.



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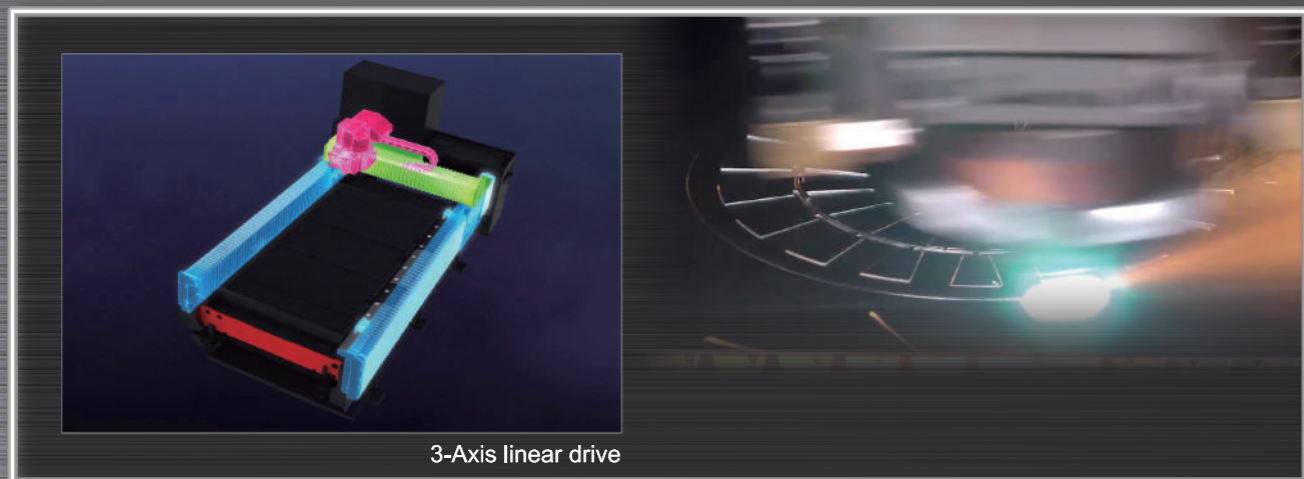
REGIUS means "King" in Latin.

■ 3-Axis Linear Drive

Combination of incredible speed and precision processing.

Increased acceleration/deceleration of axis movement.

The total speed of the actual process becomes faster by a synergistic effect with increased movement speed.

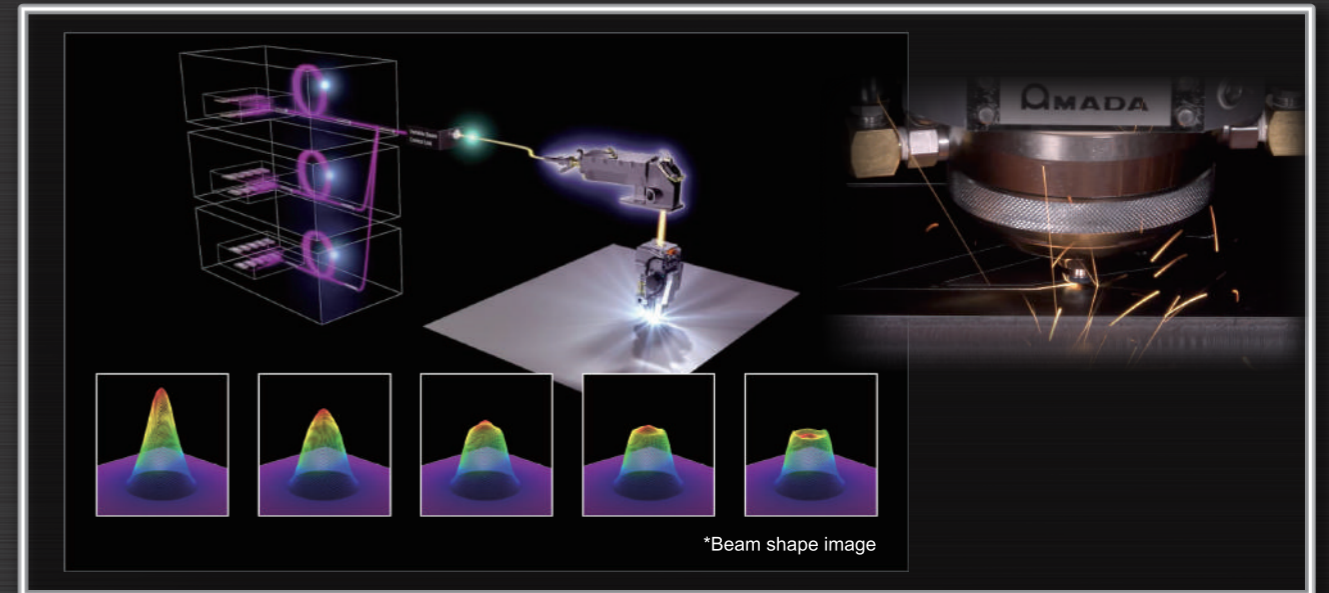


3-Axis linear drive

■ AMADA Original Beam Control Technology

Achieve high quality and high speed stable process from thin to thick materials.

The variable beam control technology creates a beam shape best suited to material and thickness. Full-range processing is possible with a single machine.



■ Laser Integration System

New functions to minimize downtime and support stable process.

■ Automatic Inspection

Diagnosis and inspection of nozzle and protection glass is automated to realize high quality stable process.



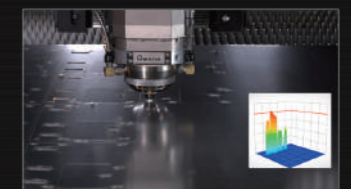
i-Nozzle Checker



i-Optics Sensor

■ Automatic Recovery from Processing Failure

Monitor processing and detect faulty cut. Automatic recovery reduces downtime drastically.



i-Process Monitoring

■ Easy Operation (including options)

New features of AMNC 3i provides easy operation.



■ Simple parts layout by camera



i-Camera Assisted System

■ Screen sharing and remote operation



V-remote