



AUTOMATED LASER SYSTEMS

Integrators of High Powered Laser Processing Systems

ALS provides process knowledge and engineering expertise in the area of high powered laser processing.

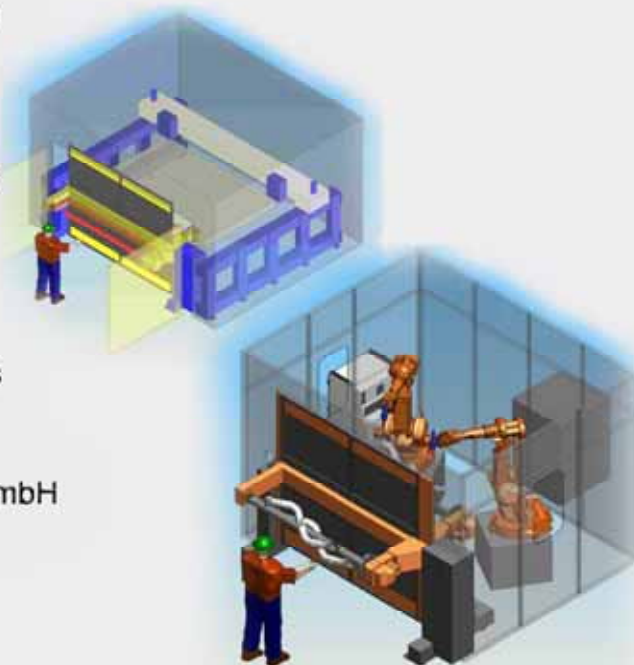
Specializing in designs requiring custom tooling and engineering, we can propose a system that will maximize your investment. Typical applications include:

- Trimming, cutting and welding of hydro-formed parts
- 3-D cutting and welding of large production parts
- Laser hybrid welding
- CO₂, Nd:YAG or Fibre laser source



With many years of experience in the automation industry, we provide:

- Unique perspective on your production requirements using innovative proprietary laser process machines
- Complete and thorough analysis of your production process requirements
- Industrial automation including robot EOAT, material handling and advanced PLC control
- Energy management systems which provide baseline production objectives and daily email reporting
- Remote support
- System Integrator for Held Systems GmbH



Laser Processing



AUTOMATED JETTING SYSTEMS

Designers of Paint Finishing Systems

AJS provides process knowledge and engineering expertise in both liquid and powder paint finishing systems.

Specializing in complete turnkey solutions, we ensure the success of your project from the design phase to final buy-off. AJS applies its expertise to evaluate your requirements and design systems that save you operating costs and minimize floor space requirements, while maximizing production capacity. Specializing in processing of large parts, our services provided include:

Paint finishing system concepts and system layouts

Powder, Liquid or E-coat

Advanced PLC control and real time data collection

Pre-treatment and wash machines

Environmental rooms

Spray booths

Paint application equipment

Dry-off and cure ovens

Material handling equipment

Waste water treatment

Water treatment

De-ionized (DI)

Reverse Osmosis (RO)

MoE CofA permits

MoL PSR permits

Building permits

System Audits



Paint Finishing

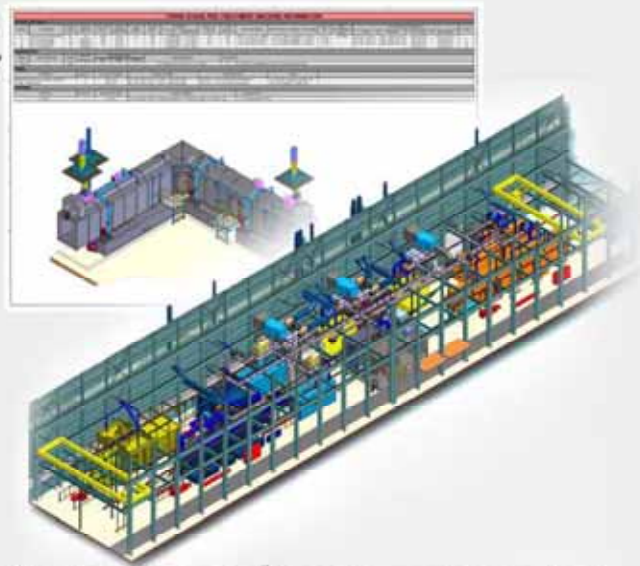
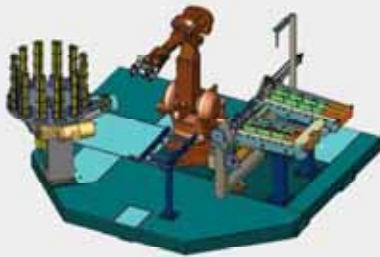


AUTOMATED DESIGN SYSTEMS

Designers of Factory Automation and Process Controls

ADS provides process knowledge and engineering expertise in the area of material handling, machine design and process controls.

- Mechanical designs are developed using Solidworks and utilize an extensive library of standard components and parametric based designs
- Drawings are automatically updated as models change
- Complete 3-D rendering of every system



Advanced control system monitors energy usage and emails daily summary reports



Factory Automation



AUTOMATED GROUP OF COMPANIES

AUTOMATED LASER SYSTEMS
AUTOMATED JETTING SYSTEMS
AUTOMATED DESIGN SYSTEMS

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