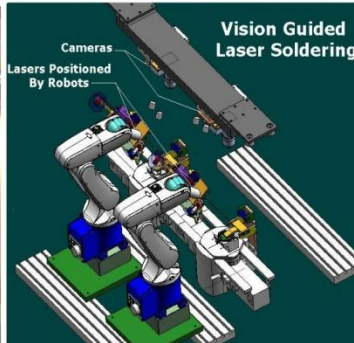
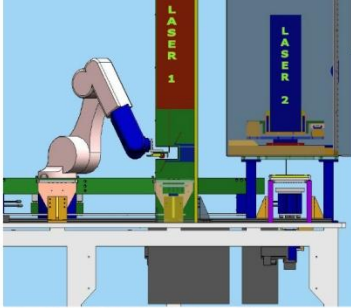


# Laser Systems

## Weld, Cut, Solder, Mark by

### **A B A C U S** **AUTOMATION**



Abacus Automation has been integrating Lasers in a multitude of applications for over 20 years. From marking products and packaging materials with date codes and part numbers, to cutting and welding a variety of metals, Abacus has the experience to solve your Laser requirements.

The high speed and “No Ink Mess” of Laser marking, makes it ideal for many packaging applications. Abacus has added date codes to card stock for high volume consumer products. Many of our Medical Industry Systems have used Lasers for marking and welding, as they can achieve high production rates and meet the clean room specifications needed for the job.

Abacus has combined Lasers, Vision and Robots to precisely solder connectors to Printed Circuits Boards in an Automotive application. Systems built for the Aerospace Industry have Laser cut then formed foils for air bearings and used a Robot to precisely position curved, stainless steel parts under a Laser Drilling Head to match the vector coordinates of each hole in cooling vents.

Abacus Automation has also used a wide variety of Lasers for measurement systems. Lasers can meet many of the precision sensing needs to insure your products and processes are meeting your quality standards.



**A B A C U S**  **AUTOMATION**

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