

Introduces

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GL Automation Inc.

CHARNTEC ELECTRONICS (UK) and GL AUTOMATION (USA) have partnered together to supply wafer fabs with high quality wafer handling tools.



GL AUTOMATION, INC. was founded in 1989 to develop, fabricate, and sell Semiconductor wafer manufacturing tools for increasing productivity, throughput and yield. With over 100 man-years in Semiconductor operations and automation, the GL AUTOMATION, INC. technical staff designs its products to achieve several primary objectives. These objectives include; exceed our customer needs, pursue innovation to advance technology, and simplify products to enhance performance, and lower costs.

By adhering to these objectives the GL AUTOMATION, INC. products prove superior and provide great value to the tool user and/or owner. The continuous push to expand the company reach and product line has produced a healthy company growth rate. In 1996, the company's business level grew beyond the capacity at its original physical location. The company expanded into it's current location which quadrupled its design, manufacturing, and fabrication space.

To best serve the customer base, GL AUTOMATION, INC. made commitments early in the company history to purchase the best and highest Quality CNC machine tools in the industry. This machining equipment is capable of producing highly precise parts while maintaining the volume necessary to meet the production and contract requirements.

GL AUTOMATION, INC. takes pride in meeting and exceeding our customer's needs to produce on time and within budget for each project.

GL Automation products include:

Aligners

- Automatic Wafer Flat/Notch Aligner
- Automatic Wafer Aligner with Counter
- Manual Universal Flat Finder [3, 4, 5, and/or 6 Inch application]
- Manual Notch Finder-Notch Down Only [8 Inch application]
- 50-Wafer Automatic Wafer Notch Aligner for 300mm Wafers

Wafer ID readers

- Automatic Wafer ID Reader (OCR, Dot Matrix, or Bar Code) - IDScope
- Manual Wafer Presenter/Stepper
- Cascade Wafer Presenter
- Single Wafer Lifter
- Manual Wafer Lifter



Wafer Transfer Tools

- 300mm Vertical Batch Wafer Transfer/Reader
- Intelligent Multi-mode Wafer Transfer System [6" & 8"]
- Automatic Wafer Transfer System
- Standard Slide Transfer
- Dynamic Slide Transfer
- Automatic Slide Transfer
- 4-Way Dynamic Slide Transfer

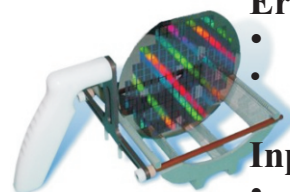


Wafer sorters.

- Wafer ID Sorter
- 150mm Wafer Organizer

Ergonomic boat handles

- Quartz Boat Handles
- Silicon Carbide Boat Handles



Input/Output devices

- FOUNDED Load Port for 300mm
- Cassette Rotation Stage