

Ching Hung Machinery & Electric Industrial Co., Ltd.

AD5L-series CNC high-speed small-hole drilling

Ching Hung Machinery & Electric Industrial Co., Ltd., currently Taiwan's No.1 and world's No.5 electric discharge machine (EDM) manufacturer, is promoting the AD5L-series CNC high-speed small-hole drilling EDM for making molds (tooling) used in the aircraft industry.

This machine has many practical designs, including small footprint of 1,900mm X 2,100mm, inverter-controlled high pressure pump, linear motor, large submersible work tank, invert spindle, and universal canned cycles/codes and offline programming.

The pressure pump increases flush pressure as the drilling deepens, the linear motor with glass scales along the X-axis increases positioning speed and improves accuracy, and the work tank allows for addition of submersible A-axis and B-axis tables from various manufacturers, while the invert spindle reduces electrode wear and improves accuracy of drilling, and various canned cycles as the CHMER and edge find can be used throughout drilling.

The company makes over 90 percent of the crucial components for its machines independently, including the linear motor and the PC-based controller. The company's machines are sold under its own brands "CHMER" and "AMStech".



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