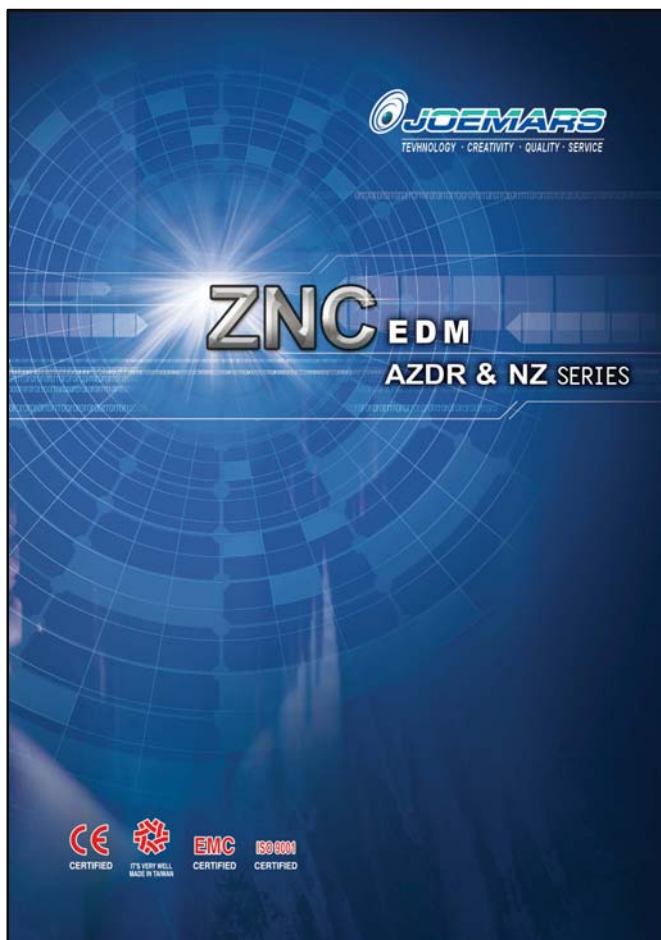


สปาร์คคาไบต์

สปาร์คคาไบต์ในงานสร้างชิ้นส่วนแม่พิมพ์ งานอิเล็กทรอนิกส์ต้องใช้ เครื่อง EDM ที่สามารถสปาร์คคาไบต์ ด้วยวงจรที่สร้างมาให้สปาร์คคาไบต์ได้จริง ไม่ใช่ประเดี๋ยวยประเดี๋ยวกว่อกว่าย เกือบทุก work shop ที่มีงานคาร์ไบด์ มี JOEMARS EDM



JOEMARS
TECHNOLOGY · CREATIVITY · QUALITY · SERVICE

ZNC EDM
AZDR & NZ SERIES

CE CERTIFIED
IT'S VERY WELL MADE IN THAILAND
EMC CERTIFIED
ISO9001 CERTIFIED



ZNC EDM **AZDR & NZ series**
JOEMARS Fuzzy Logic Control System

AZDR Operation Panel
FUZZY Computer system

FEATURES of AZ series ZNC EDM

- New Fuzzy Logic Control system
- Micro-processor based control system
- 50 sets Machining Program
- 12 kinds of Machining Parameters
- 500 sets Machining Condition Selections
- 9500 sets Fuzzy Machining Condition
- Z axis Auto Fuzzy Machining Condition
- Sharp Corner Lowest Electrode Wear Control (LWF)
- New 4A Equipment(Anti-ARCing Auto Adjustment)
- Faster Machining Technology
- Tungsten Carbide Machining

JM500+AZ75DR+D500

JM322+AZ50DR+D320

JM32Z

01

ZNC EDM MECHANICAL FEATURES

- Using symmetrical structure design and the castings are all made by high-strength cast iron and being annealed with high rigidity and well-balanced thermal stability.
- Using high-precision and gapless roller track on Z axis, provide high-precision motion guidance.
- Using precise wide angular ball bearings on Z axis to ensure the required loads for axial and radial, providing the running smoothness and accuracy when machining.
- The surface of work table has been hardened and grinding treatment, with excellent abrasion resistance and improves machine life.
- Using high-resolution ratio linear scales on each axis, to ensure the accuracy under static and dynamic condition.
- The advanced transmission-mechanism for Z-axis, to improve the efficiency, stability and accuracy when machining.
- Using high-capacity lubricator, with efficient lubricating loop, providing a reliable oil supply for each axis, to enhance the life-time of mechanical parts.
- Using full-covered protective structure for each axis, to ensure operator's safety and to prevent dust or liquid fall into the machine.
- With both oil flushing and suction devices on work tank, to offer a convenient way for different kind of work-pieces application.
- The dielectric level in the work tank is controlled by stepless feature, to provide efficient speed to the expected oil height.
- Work tank drain system uses a larger diameter drain device, dielectric can be processed into the dielectric tank in a very short time.
- Use a high flow rate PUMP, to fill up the dielectric in the work tank within a very short time.
- Labyrinth compartment design in the dielectric tank, which can effectively improve the cleanliness of processing oil.
- Using a high efficiency paper filter for dielectric tank, to provide fast and cleaned oils.
- The pressure gauge in dielectric tank, provides instant information for normal flow of oil in the filtration system and in the pipelines.
- Some models equipped with high loading capacity wheels for easy movement of dielectric tanks, as well as provide convenience for maintenance or cleaning of the tank.
- A simple configuration for Machine body, Generator and Dielectric tank, to reduce the floor space and easy for maintenance purpose.



JM650+AZ75DR+D650

02



FEATURES of NZ series ZNC EDM

- New Fuzzy Logic Control system
- Industrial grade 32bit CPU
- Industrial colorful LCD screen
- 256 sets Machining Program
- 16 kinds of Machining Parameters
- 1000 sets Machining Condition Selections
- 9600 sets Fuzzy Machining Condition
- Z axis Auto Fuzzy Machining Condition
- Sharp Corner Lowest Electrode Wear Control (LWF)
- New 4A Equipment(Anti-ARcing Auto Adjustment)
- Faster Machining Technology
- Tungsten Carbide Machining



JM32NZ



JM430+NZ50+D430

03

