



NEUAR EDM

A series

Ram Type CNC EDM with **AE II** Technology

**Ultra Precision &
High Efficiency**

EtherCAT[®]



CNC-A1200E2



CNC-A700E2



CNC-A3200-2E2

- ❖ 3rd Generation Expert System, cycle time -30% ↓
- ❖ 14 M/min High Speed Jumping
- ❖ Column Moving Design
- ❖ New Circulation Filtering System, improve filtering efficiency, extending Filter Life time
- ❖ 360° Vari-focus LED Spotlight
- ❖ On-line Measurement System
- ❖ HEIDENHAIN 1um Linear Scale
- ❖ Industry 4.0 EtherCAT Technology
- ❖ Rotatable 15" Touch Panel

Go Further, Think Further

14 M/min High speed jumping

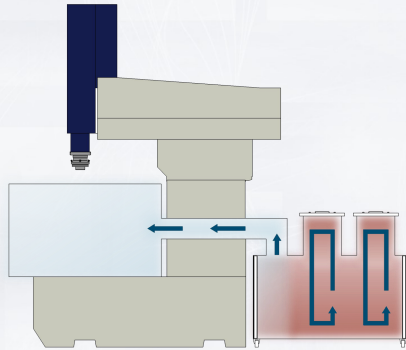
The new **AE II** power generator system adopts high-speed motion control algorithm, which provides a stable servo discharge gap and shortens the cycle time. Compare to linear motor design, Z axis jumping driver is more capable and durable.



▲ Graphite rib machining

+60% Efficiency ↑

-45% Cycle time ↓



▲ Stand-alone circulation

+65%

Filtering Efficiency

+40%

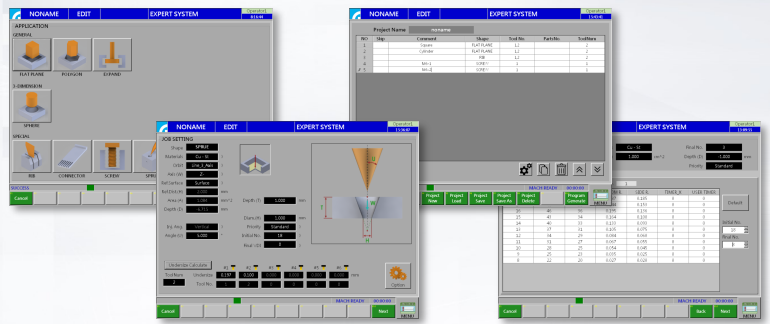
Filter Life time

New Circulating filtration system

A large amount of carbon residue caused by rough machining is often difficult to filter out, easily causing oil intake blockage. The new filtration system not only increases the efficiency of carbon residue filtration, but also extends filter lifespan, greatly saving consumables expenses.

Intelligent Expert System

User friendly interface. Just enter machining parameters, the internal calculation engine can calculate the most appropriate electrode undersize and number of electrodes. A Variety of machining applications like **Rib**、**Connector**、**Screw**、**Sprue**、**Sphere** ...etc. are available.



▲ 5 Simple setting steps to make you become an EDM expert !

A700E2 A1200E2 A1800E2 A2600E2 A1500-2E2 A2600-2E2
Small ← Full Range of Ram Type CNC EDM Machine → Large
A1000E2 A1500E2 A2200E2 A3200E2 A2200-2E2 A3200-2E2

	CNC-A700E2	CNC-A1000E2	CNC-A1200E2	CNC-A3200-2E2
Traveling Distance (X / Y / Z)	700 x 500 x 500 mm	1000 x 600 x 500 mm	1200 x 700 x 500 mm	2550 x 1000 x 600 mm
Working Table Size (X / Y)	1000 x 600 mm	1200 x 700 mm	1350 x 820 mm	3100 x 1100 mm
Working Tank Size (W x D x H)	1600 x 940 x 520 mm	1880 x 1100 x 615 mm	2120 x 1250 x 615 mm	4080 x 1700 x 800 mm
Distance between Chuck and Table	400 ~ 920 mm (T16)	400 ~ 920 mm (T16)	500 ~ 1010 mm (T16)	580 ~ 1300 mm (T16)
Maximum Electrode Weight	250 Kg	350 Kg	400 Kg	500 Kg
Maximum Workpiece Weight	3,000 Kg	4,000 Kg	5,000 Kg	19,000 Kg
Maximum Output Current	100 A	120 A	120 A	120 A x 2
Best Surface / Wear Ratio	Ra 0.12um / 0.02%	Ra 0.12um / 0.02%	Ra 0.12um / 0.02%	Ra 0.12um / 0.02%
Power Capacity	20 KVA	20 KVA	20 KVA	20 KVA x 2
Dielectric Oil Capacity	1,100 L	1,615 L	1,880 L	5,915 L
Machine Dimension (W x D x H)	2900 x 2850 x 2670 mm	3300 x 3350 x 3150 mm	3500 x 3630 x 3200 mm	6110 x 4680 x 3730 mm
Total Machine Weight	4,850 Kg	5,900 Kg	6,900 Kg	21,000 Kg

** If equipped with C axis, model will be changed from "A" to "C"



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