

ATC Specifications

MODEL	UNIT	CNC-5040AT	CNC-5060AT	CNC-4030AT	CNC-D2535T
Work Table Dimensions	mm	600 x 490	600 x 700	515 x 390	500 x 300
Max. Workpiece Dimensions	mm	1185 x 740	800 x 1120	975 x 740	990 x 490
Table Travel X, Y	mm	500 x 400	500 x 600	400 x 300	350 x 250
Z Axis Travel	mm	350	350	350	350
Ram Servo Travel	mm	350	350	350	150
Max. Length of Electrode	mm	400	400	400	400
Min. Electrode Diameter	mm	Ø0.2 ~ Ø3.0	Ø0.2 ~ Ø3.0	Ø0.2 ~ Ø3.0	Ø0.2 ~ Ø3.0
Max. Workpiece Weight	kgs	500	500	500	150
Dielectric	—	Water	Water	Water	Water
Capacity of Dielectric	litres	100	100	100	100
Machine Weight (NW / GW)	kg	2100 / 2300	2300 / 2500	2000 / 2200	1000 / 1200
Packing Dimensions	mm	2300 x 1800 x 2240	1900 x 1700 x 2400	2300 x 1800 x 2240	1800 x 1500 x 2240
Machine Structure	—	Traveling Head	Double Column	Traveling Head	C-Type

CNC Specifications

MODEL	UNIT	CNC-5040A	CNC-5060A	CNC-D4030A	CNC-D2535A	CNC-D2535
Work Table Dimensions	mm	600 x 490	600 x 700	510 x 390	500 x 300	500 x 300
Max. Workpiece Dimensions	mm	1185 x 740	800 x 1120	975 x 740	990 x 490	990 x 490
Table Travel X, Y	mm	500 x 400	500 x 600	400 x 300	350 x 250	350 x 250
Z Axis Travel	mm	350	350	350	350	350
Ram Servo Travel	mm	350	350	350	350	150
Max. Length of Electrode	mm	400	400	400	400	400
Min. Electrode Diameter	mm	Ø0.2 ~ Ø3.0	Ø0.2 ~ Ø3.0	Ø0.2 ~ Ø3.0	Ø0.2 ~ Ø3.0	Ø0.2 ~ Ø3.0
Max. Workpiece Weight	kgs	500	500	500	150	150
Dielectric	—	Water	Water	Water	Water	Water
Capacity of Dielectric	litres	100	100	100	20	20
Machine Weight (NW / GW)	kg	2000 / 2200	2200 / 2400	1900 / 2100	900 / 1000	850 / 950
Packing Dimensions	mm	1500 x 1800 x 2240	1900 x 1700 x 2400	1500 x 1800 x 2240	1300 x 1500 x 2240	1300 x 1500 x 2240
Machine Structure	—	Traveling Head	Double Column	Traveling Head	C-Type	C-Type

Manual Specifications

MODEL	UNIT	AD-40A	AD-30A	AD-20A	AD-30	AD-20
Work Table Dimensions	mm	600 x 300	500 x 300	500 x 300	460 x 210	460 x 210
Max. Workpiece Dimensions	mm	1000 x 500	875 x 470	875 x 470	630 x 420	630 x 420
Table Travel X, Y	mm	450 x 350	350 x 250	350 x 250	300 x 200	300 x 200
Z Axis Travel	mm	350	350	350	350	350
Ram Servo Travel	mm	350	350	150	330	150
Max. Length of Electrode	mm	400	400	400	400	400
Min. Electrode Diameter	mm	Ø0.2 ~ Ø3.0	Ø0.2 ~ Ø3.0	Ø0.2 ~ Ø3.0	Ø0.2 ~ Ø3.0	Ø0.2 ~ Ø3.0
Max. Workpiece Weight	kgs	300	150	150	80	80
Dielectric	—	Water	Water	Water	Water	Water
Capacity of Dielectric	litres	20	20	20	20	20
Machine Weight (NW / GW)	kg	1000 / 1100	800 / 900	750 / 850	550 / 650	500 / 600
Packing Dimensions	mm	1450 x 1450 x 2240	1240 x 1210 x 2240	1240 x 1210 x 2240	1240 x 1210 x 2240	1240 x 1210 x 2240

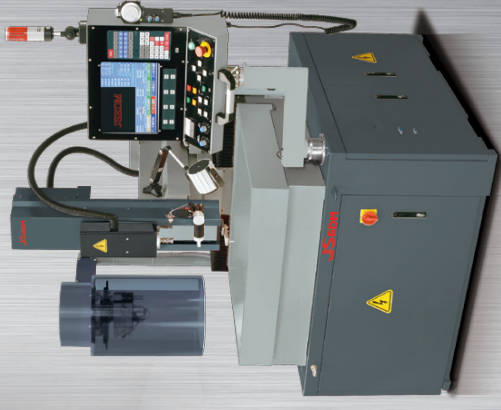
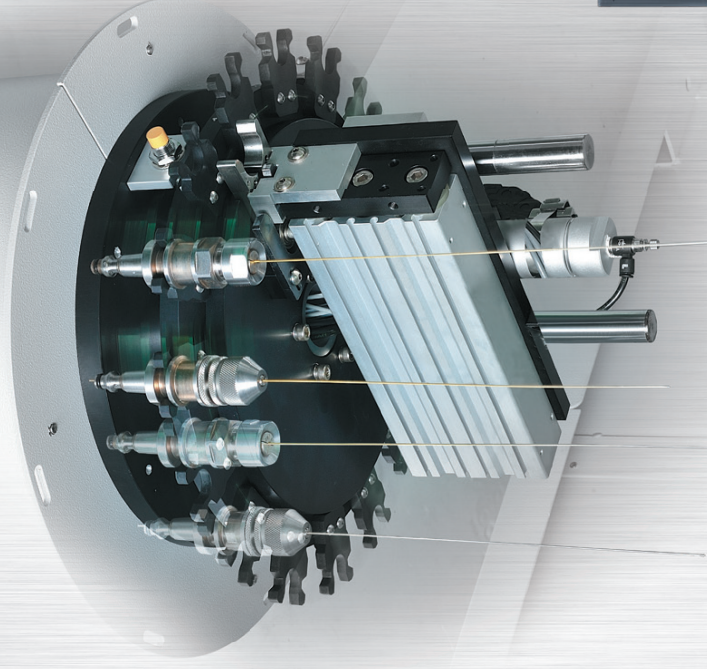
Power Supply Specifications

MODEL	UNIT	
Max. Current	A	25
Peak Current Setting (IP)	Steps	6
Pulse On-time Setting	Steps	9
Pulse Off-time Setting	Steps	9
High Voltage	Steps	3
Power Input	V	220 / 380 / 415
Max. Rating Power	KVA	4

welcome custom any peculiar specifications

Automatic Production Drilling EDM High Efficiency

ATC Series | 5040AT | 5060AT | 4030AT | D2535T



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JSED
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Automatic Production

Drilling EDM

High Efficiency

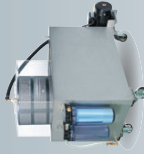
Optional Accessories



1. ATC Precision Tool Holder



2. ATC Collet Holder



3. Filtration Water Tank

Processing Setting



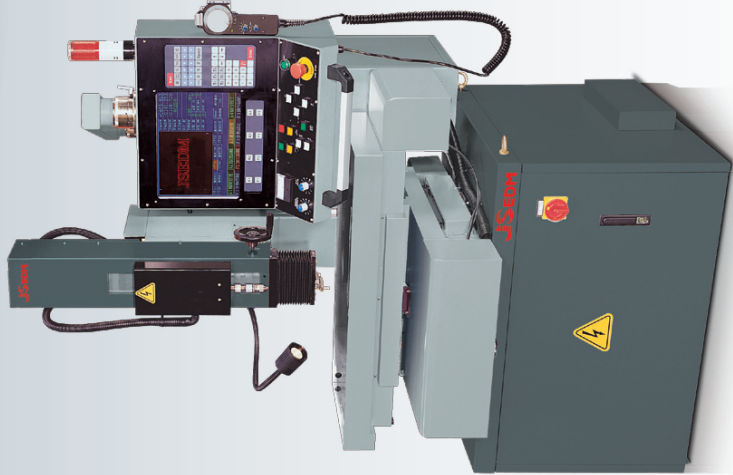
Mirror Function

You can choose any axis you want to mirror. It's easy to read from the screen.



Functional Set Up

You can set up the starting hole and stop hole. Different color has different meaning.



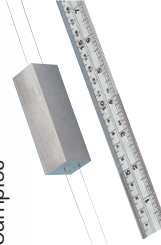
CNC Drilling EDM

Fast - Stable - Accurate
Conversational Interface



Spindle

Machining Samples



Material: Aluminum
Thickness: 60 mm
Diameter: 0.5 mm



Material: Tungsten Steel
Thickness: 20 mm
Diameter: 0.5 mm



Material: SKD-11
Thickness: 5 mm
Diameter: 0.15 mm

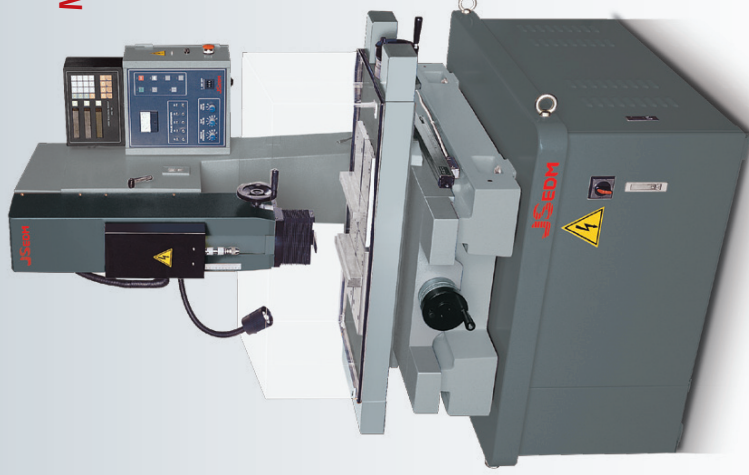


Speaker Grille
Diameter: 0.3 mm

CNC Series | 5040A | 5060A | D4030A | D2535A | D2335

Features

- Precision servo motors on X, Y, Z axis. The design provides excellent stability during drilling.
- Provides 1μ optical scale, linear slideway and ballscrew to ensure accurate movement.
- Reads NC program, G-code and DXF files directly. Finds the cutting start point automatically and begins the fine hole drilling process.
- When NC program is not available, the machining coordination can be inputted directly.
- Automatic centering, edging and internal diameter detection.
- Coordinates can rotate to any angle.
- Drilling capacity from 0.2mm to 3.0mm. Brass or copper electrodes available.
- Mirror image function.
- Automatically illustrates the path of current and next drilling position with colors.
- Z-axis auto reset and depth calculation. (Z-axis checks hole depth automatically, and returns to complete any that is too shallow.)
- Data input by USB or network transfer.
- Simple and user-friendly interface.



Manual Drilling EDM

With ZNC Function

Manual Series | AD-40A | AD-30A | AD-30 | AD-20A | AD-20

Features

- Precision servo motor control for stable drilling.
- Designed for drilling hardened tool steel, carbides and other conductive materials.
- Suitable for larger workpieces and plastic molds.
- Drilling capacity from 0.2mm to 3.0mm. Brass or copper electrodes available.
- Automatic pressure release function.
- Long life work table made of stainless steel.



3 Axes D.R.O.

Set the depth that you need to drill.



Finished Product