

EDM TAP

- No hole in advanced
Tap directly on harden steel or carbide
- Size M2- M8. or UNC

Angular device

- Tilting head , B axis
- C axis rotary table
- C&A axes rotary table

Auto electrode changer

- AEC 16 pcs with support arm

Functions

- Accurate blind hole function
- Auto penetrate detect control
- Super fine finishing
- Electrode redress

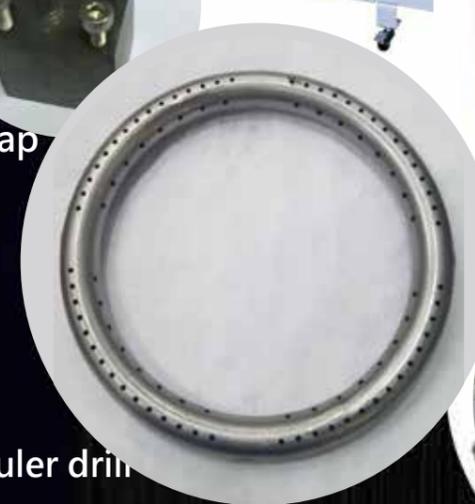
Filtration system

- OIL- water system
- Wire-cut level filtration system
- Auto conductivity system
- Resin life time check

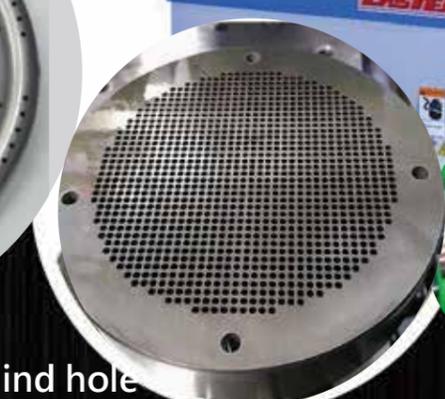
SPECIALIZE PRODUCTION
TECHNOLOGY LEADS
CUSTOMER SERVICE
QUALITY PRODUCTS



EDM tap



Anguler drill



Blind hole



EDM mill



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SPECIFICATIONS

MODEL	SD20P-A	FD22A	SD22A	SD24A	SD4030A	SD6040A	SD9060A	MD20A2	MD30
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Mechanical

Travel XY	300x200	300x200	300x200	400x250	400x300	600x400	900x600	200x200	300x200
Table size	385x200 bar	400x240 bar	450x350 granite	450x350 granite	450x350 granite	660x520 granite	950x640 flat	225x225 flat	350x225 flat
MAX electrode Length	400	400	400	400	400	400	400	300	400
Guide - table height	15-200	25-300	15-250	15-250	15-360	15-360	50-400	15-150	15-200
MAX workpiece weight	100	250	250	250	500	500	1,800	50	50
Machine dimension	0.97x1.1	1.2x1.2	1.2x1.2 / 1.5x1.4	1.5x1.2 / 1.5x1.4	1.6x1.65	1.6x1.75	1.9x2.1	1.6x1.4	1.4x1.1
Machine weight	450	600	600/ CNC 700	700/ CNC 750	1,300/ CNC 1,350	1,400/ CNC 1,450	CNC 1,850	750/ CNC 800	CNC 750

Electrical

Power input	220V, 3-phases, with PE. 50 / 60HZ				220V, 3-phases, with PE. 50 / 60HZ			220V, single phase	
MAX drill current STD/ OPTIONAL	SD25A	HCD50A	SD25A / HCD50A		SD25A / HCD50A			MD15A / SFFC	MD15A / SFFC

Drill Capability △ Good ○ Fast ◎ Very Fast

<0.1 mm	-	-	-	-	-	-	- / ○	- / ○
0.1-0.2 mm	△	△	△	△	△	△	◎	◎
0.2-1.5 mm	○	◎	○ / ◎	○ / ◎	○ / ◎	○ / ◎	○	△
1.5-6.0 mm	○	◎	○ / ◎	○ / ◎	○ / ◎	○ / ◎	-	by milling
Thread tapping M2-M8	-	-	◎ / -	◎ / -	◎ / -	◎ / -	-	-

Controller Option

P / S panel, manual	P	○	○	○	○	○	-	○	-
SCNC controller	-	-	○	○	○	○	○	○	-
									ITRI



SD20P-A



FD22P



SD22AS CE



SD22AS CNC



SD4030AS CNC CE



SD6040ASCNC E



Remote controller
USB, PnP



MD20A2SCNC

**P panel
STD function**

1. XYZ display
2. Built-in parameter
3. EDGE function
4. inch/mm function
5. Auto depth control

**S touch panel
STD function**

1. XYZ display
2. Parameter, save/load
3. EDGE function
4. inch/mm function
5. Auto depth control
6. NC/ISO/ CAD support
7. Language
8. System backup
9. USB & LAN
10. Position assistant

**Standard accessories,
manual machine**

1. Ceramic guide, Φ1.0 x1
2. Chuck, EHS0330 x1
3. Brass tube Φ1.0x400L x20
4. Working light
5. Linear scale, XY
6. Workpiece JIG
7. Pad for magnetic tool
8. Start kits and tool
9. Filtration system

**SCNC controller
STD function**

1. XYZ display
2. Parameter, save/load
3. Auto EDGE function
4. inch/mm function
5. Auto depth control
6. NC/ISO/ CAD support
7. Language
8. System backup
9. USB & LAN
10. Multi-coordinates

**Standard accessories,
CNC machine**

1. Ceramic guide, Φ0.5 x1, Φ1.0 x1
2. Chuck, EHS0330 x1
3. Brass tube Φ0.5 x1, Φ1.0x400L x60
4. Working light
5. Linear scale, XY
6. Workpiece JIG
7. Pad for magnetic tool
8. Start kits and tool
9. Filtration system

**Standard accessories,
MD series**

1. Ceramic guide, Φ0.2 x1,
2. Chuck, EH0115 x1
3. Brass tube Φ0.2 x1, 200L x20
4. Working light
5. Linear scale, XY
6. Workpiece JIG
7. Pad for magnetic tool
8. Start kits and tool
9. Filtration system

Optional device

1. Auto electrode changer
2. Tilting head
3. Extra height 100/200mm
4. C / C&A axes rotary table
5. Remote controller, USB
6. Submerged table
7. Carbide circuit and device
8. Wire-cut level filtration system

Generator,

1. SD boost power, 50A
2. HCD power, 50A
3. RL power, 50A
4. CAT circuit, for WC, Ti, Al alloy
5. Super fine finish circuit

Optional function

1. Accurate blind hole
2. Auto Penetrate detect
3. EDM TAP, harde steel, carbide
4. Eletrode redress fncion
5. Auto conductivity control
6. CE certificate, EN13849-1

Optional consumables

1. Electrodes, Φ0.03-6.0mm
2. Drill guide, Φ0.03-6.0mm
3. Electrode holder, EH0115 / EHS0330 / ER11/ ER16
4. Dielectrical fluid
5. Papper filters