

# Model Introduction

## SDNC4030 / SDNC5040 / SDNC6040

CNC controller



SDNC6040 with AEC16



### Standard Accessories

- |  |   |
|--|---|
| 1. paper filter x 1 pc                   | 7. workpiece jig x 1 set                      |
| 2. ceramic guide 0.5, 1.0mm x 1 pc       | 8. pad for magnetic tool x 1 pc               |
| 3. electrode holder 0330 x 1 pc          | 9. start kits and tool x 1 set                |
| 4. brass tube 0.5, 1.0mm x400mm x 60 pcs | 10. 70L filtering system                      |
| 5. working light x 1pc                   | 11. With paper filer x1, circulation pump x1, |
| 6. linear scale 1 um X, Y axis           | high pressure pump (pneumatic) x1, FRL set x1 |

### Standard Function

- |  |                                       |
|--|---------------------------------------|
| 1. Three-axis digital display                  | 6. LAN and USB port                   |
| 2. Built-in parameters                         | 7. Color management of hole condition |
| 3. Auto EDGE function                          |                                       |
| 4. Auto Depth control with auto compensate     |                                       |
| 5. NC, DXF, cut- files, G code, G code support |                                       |

### Specification

Item	Model	SDNC4030	SDNC5040	SDNC6040	Unit
X, Y travel	AC Servo	400x300	500x400	600x400	mm
Z travel (electrode length)	DC Servo	360 (400)			mm
W axis travel	Manual	50-400			mm
Table size	Bar	450x335	600x435	600x435	mm
	Flat	450x395	625x420	625x420	
MAX workpiece size		680x500			mm
MAX workpiece weight		500			KG
Machine size		1600x1650	1600x1750	1600x1750	mm
Net weight		1300+100	1450+100	1450+100	KG
Filtering system		70			Liter
Input voltage		Local voltage, 3 Phases with PE, 50~60Hz			
MAX power consumption		2.5KW / 3KW			
MAX machining current		SD 25A / SD boost 50A			
X Y Linear scaler		Fagor 1um			
Linear system		linear guideway and ballscrew			
Port		USB / LAN			
Drilling capability	0.1-0.3	○			
	0.3-1.5	◎			
	1.5-3.0	◎			
	3.0-6.0	○ / ◎ Boost 50A			
	M2-M8	Option			

### Optional Accessories

- |                                     |                               |
|-------------------------------------|-------------------------------|
| 1. 4th axis control/ linear W axis, | 4. Carbide circuit and device |
| Rotary table 1 axis, C axis         | 5. Auto electrode changer     |
| 2. SD boost power 50A               | 6. Submerged tank (SDNC4030)  |
| 3. HCD Power 50A                    |                               |