

SHOW ROOM

ALL NEW FW/SW SERIES



SW325

X/Y Travel: 350 / 250 mm
Z Travel: 250 mm
Availability:
Flush / Submerge / Compact



SW530

X/Y Travel: 500 / 300 mm
Z Travel: 250mm
Availability:
Flush / Submerge / Compact



SW1270

X/Y Travel: 1200 / 700 mm
Z Travel: 350 mm
Availability: Flush / Submerge



FW540

X/Y Travel: 500 / 400 mm
Z Travel: 250 mm
Availability: Flush / Submerge



FW845

X/Y Travel: 800 / 450mm
Z Travel: 300 mm
Availability: Flush / Submerge

C TYPE

CNC & ZNC

High Rigidity Machine Structure, High Precision, High Efficiency, and Optimized Operation Convenience!

高剛性結構 · 高精密 · 高效率 · 達成絕佳的操控性！

P 26+E30

- 工作台 / Work table: 600 x 300 mm
- 最大工件 / Max. work piece: 750 x 500 x 350 mm
- ZNC X, Y 軸行程 / ZNC X, Y travel: 300 x 250 mm
- CNC X, Y 軸行程 / CNC X, Y travel: 280 x 230 mm
- Z 軸行程 / Z travel: 150 mm
- U 軸行程 / U travel: 150 mm
- 機械重量 / Machine N.W.: 1100 kgs



P 36+E50

- 工作台 / Work table: 650 x 350 mm
- 最大工件 / Max. work piece: 1000 x 600 x 400 mm
- ZNC X, Y 軸行程 / ZNC X, Y travel: 400 x 300 mm
- CNC X, Y 軸行程 / CNC X, Y travel: 380 x 280 mm
- Z 軸行程 / Z travel: 185 mm
- U 軸行程 / U travel: 250 mm
- 機械重量 / Machine N.W.: 1300 kgs

CNC & ZNC-EDM CNC & ZNC-EDM



P46+E75

- 工作台 / Work table: 750 x 400 mm
- 最大工件 / Max. work piece: 1200 x 700 x 450 mm
- ZNC X, Y 軸行程 / ZNC X, Y travel: 470 x 380 mm
- CNC X, Y 軸行程 / CNC X, Y travel: 450 x 360 mm
- Z 軸行程 / Z travel: 185 mm
- U 軸行程 / U travel: 300 mm
- 機械重量 / Machine N.W.: 1600 kgs

P56+E75

- 工作台 / Work table: 1000 x 550 mm
- 最大工件 / Max. work piece: 1600 x 1000 x 600 mm
- ZNC X, Y 軸行程 / ZNC X, Y travel: 580 x 470 mm
- CNC X, Y 軸行程 / CNC X, Y travel: 580 x 470 mm
- 主軸行程 / Z travel: 250 mm
- U 軸行程 / U travel: 450 mm
- 機械重量 / Machine N.W.: 2500 kgs



ZNC放電加工機主要特性

1. 自動產生加工條件之功能，只需輸入電極材質、電極大小、加工深度，即可自動產生加工條件。
2. 全新電源系統，針對大面積及深孔加工，電腦可選定二段同

The Main Features of ZNC-EDM

1. Automatic produce the function of processing condition, just input the electrode material, size of the electrode, processing depth, can automatic produce the processing condition accordingly.
2. Newly designed power supply system. While in machining big surface and deep hole, the computer provides two steps servo feed for superior machining quality and discharge accuracy.
3. Z axis machining from rough to fine finish are fully computerized with auto detection, display and parameter changes, which saving the manual settings and reducing machining time.
4. Full-automatic controlled anti-fire system, anti-arc system and liquid level for comprehensive safety guards.
5. Copper, Graphite, Tungsten steel special-purpose circuit, processing is fast.
6. The Micro computer digital monitor anti-arc protection, if it has arcing when discharging, it will have the function of auto adjust T-off and eliminate residue immediately.

脈進給速度，加工性能優異並可保持放電精密度。

3. Z軸加工從粗加工至細加工完全由電腦自動控制，切換加工參數，節省人力、縮短工時
4. 全自動防火控制系統、防缺裝置及油位保護，安全無虞。
5. 銅、石墨、鎢鋼專用迴路，加工速度快。
6. 微電腦數位監控防積碳保護，放電不良時，自動切頻及立即排渣之功能。

RAM TYPE

CNC

CNC Electric Discharge Machine, Advanced Machine Performance Combined with High Speed Machining to Provide Competitive Edge for Your Machining!

P40+E75

- 工作台 / Work table: 750 x 400 mm
- 最大工件 / Max. work piece: 1200 x 750 x 400 mm
- ZNC X, Y 軸行程 / ZNC X, Y travel: 400 x 300 mm
- CNC X, Y 軸行程 / CNC X, Y travel: 400 x 300 mm
- 主軸行程 / Z travel: 400 mm
- 機械重量 / Machine N.W.: 1700 kgs



P50+E75

- 工作台 / Work table: 800 x 650 mm
- 最大工件 / Max. work piece: 1400 x 950 x 500 mm
- ZNC X, Y 軸行程 / ZNC X, Y travel: 600 x 500 mm
- CNC X, Y 軸行程 / CNC X, Y travel: 600 x 500 mm
- 主軸行程 / Z travel: 400 mm
- 機械重量 / Machine N.W.: 3200 kgs

CNC-EDM CNC-EDM

P 66+E100

- 工作台 / Work table: 1400 x 950 mm
- 最大工件 / Max. work piece: 2100 x 1150 x 750 mm
- ZNC X, Y 軸行程 / ZNC X, Y travel: 1300 x 700 mm
- CNC X, Y 軸行程 / CNC X, Y travel: 1300 x 700 mm
- 主軸行程 / Z travel: 590 mm
- 機械重量 / Machine N.W: 5600 kgs



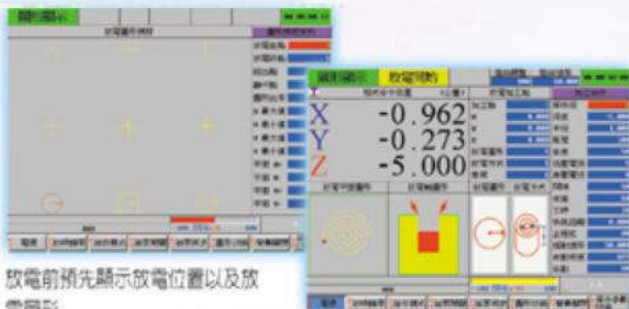
具有位置歸零與設定，尋原點及自動尋邊之功能
Having the zero-returning of the position and setting, searching original point and searching edge automatically.



對話式設定放電位置，放電方式，放電圖形
Setting the discharging positions, modes, and graphs by the dialogue pattern.



對話式設定放電深度，半徑，放電條件以及自動產生放電條件功能
Setting the discharging depth, radius, discharging conditions, and having the function of automatic produce the discharging conditions by the dialogue pattern.



放電前預先顯示放電位置以及放電圖形

Before discharging, it will show the discharging position and discharging graph.



放電中即時位置及圖形顯示
When discharging, it would show the real time position and the graph.



系統模組功能包含參數設定及檢視機器所有狀態

The system module function is including the parameter setting and could survey the all condition of the machine.



傳統放電，使用者可以做單點的放電加工
Conventional discharging. Users could do the single point discharging.

Specifications

C TYPE

Model	Unit	C-26	P26	P36	P46	P56
ZNC, Manual X/ Y Travel	mm	300x250	300x250	400x300	470x380	580x470
CNC X/ Y Travel	mm	280x230	280x230	380x280	450x360	580x470
Z Travel	mm	150	150	185	185	250
U Travel	mm	150	150	250	300	450
Work table	mm	600x300	600x300	650x350	750x400	1000x550
Max work piece	mm	750x500x350	750x500x350	1000x600x400	1200x700x450	1600x1000x600
Max work piece weight	kg	800	800	1000	1300	2200
Max electrode weight	kg	100	100	120	180	300
Machine net weight	kg	1250	1100	1300	1600	2500
Packing size (LxWxH)	mm	1640x1670x2260	1460x1360x2200	1360x1270x2200	1510x1430x2240	2030x1800x1800 2270x850x1610
Oil level	mm	70~250	70~250	120~340	130~390	300~560
Table to electrode plate	mm	190~485	205~545	120~580	160~670	500~1200
Oil tank (LxWxH)	mm	内建 / BUILT IN	内建 / BUILT IN	1200x825x500	1205x935x450	1905x1035x445x2
Capacity	ℓ	300 ℓ	300 ℓ	446 ℓ	507 ℓ	1388 ℓ
Paper filter		x2	x2	x2	x2	x2
N.W.	kg	-	-	100	260	160x2
Packing size (LxWxH)	mm	-	-	1360x1270x2200	1550x1430x2240	2030x1790x1790

RAM TYPE

Model	Unit	P40	P50	P58	P66	P207	P307
ZNC, Manual X/ Y Travel	mm	400x300	600x500	800x500	1300x700	2000x700	3000x700
CNC X/ Y Travel	mm	400x300	600x500	800x500	1300x700	2000x700	3000x700
Spindle Travel	mm	400	400	400	590	590	590
Work table	mm	750x400	800x650	900x800	1400x950	1400x950	3100x1000
Max work piece	mm	1200x750x400	1400x970x500	1480x1050x500	2100x1150x750	3100x1400x550	4000x1450x550
Max work piece weight	kg	1200	2500	4000	5000	5000	10000
Max electrode weight	kg	300	300	300	500	500	500
Machine net weight	kg	1700	3200	3200	5600	6000	13000
Packing size (LxWxH)	mm	2030x1700x2220	2060x1800x2500	2210x2000x2550	2880x2270x2260	3180x2270x2180 2880x970x1850	4390x2270x2520 2880x1000x1880x2
Oil level	mm	200~360	220~430	150~420	60~460	60~460	60~460
Table to electrode plate	mm	150~550	280~680	450~850	500~1100	660~1250	660~1250
Oil tank (LxWxH)	mm	1650x670x390x2	1755x755x455x2	1960x500x530x2	2405x1520x460x2	2850x1750x460x2	3050x2800x650x2
Capacity	ℓ	703 ℓ	910 ℓ	970 ℓ	2370 ℓ	3153 ℓ	3500 ℓ
Paper filter		x 4	x 4	x 2	x 4	x 8	x 8
N.W.	kg	140	150	200	495	495	600
Packing size (LxWxH)	mm	1970x1000x1000x2	2000x1030x1000x2	2000x1030x1000x2	2760x1940x1000x2	-	-

電氣規格 POWER SUPPLY SPECIFICATIONS

Power Supply	Unit	E30	E50	E75	E100	E150	E200
Max. Machining current		30A	50A	75A	100A	150A	200A
Metal removal rate	g/min	2.50	4.5	6.00	8.5	12.50	16.00
Power input		3 KVA	4.5 KVA	8 KVA	10 KVA	16 KVA	22 KVA
Min. Electrode wear		0.2%	0.2%	0.3%	0.4%	0.4%	0.5%
Best surface finishing		0.30	0.30	0.30	0.50	0.70	0.70
N.W. (kgs)	kg	200	200	300	330	400	480
Packing size (LxWxH)	mm	1000x760x2000	1000x760x2000	1000x760x2000	1000x760x2000	1240x1060x2060	1240x1060x2060

Example



Standard Accessories

標準配備

Optional Accessories

特殊配備



過濾器
Filter



石英工作燈
Halogen light



工具箱
Tool box



自動滅火器
Extinguisher



16 支刀換刀系統
16 Tool changer system



4支刀換刀系統
4 Tool changer system



C軸旋轉頭系統
C-Axis system



電子手輪遙控器
Electronic MPG