

EX NX ZX



EX NX ZX

SERIES

雕模放電加工機



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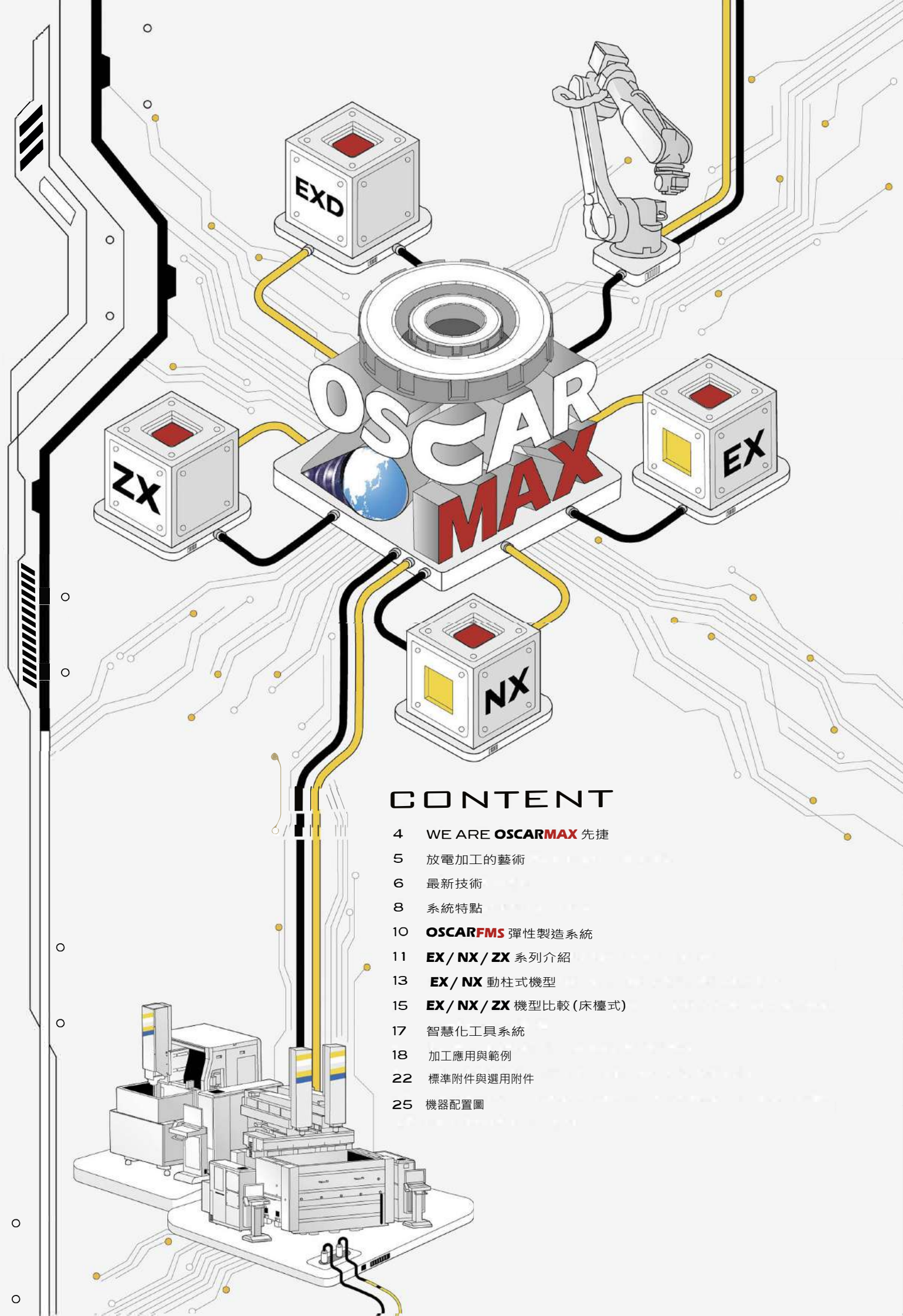
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Service support on LINE



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EZ spark
超硬鎢鋼加工
迴路

PMI
Pilot
Linear Motion Systems



Panasonic

Fuzzy
智慧微調模式

FAGOR

DELTA

表面粗糙度:
0.1um/Ra

GRUNDFOS

HIWIN
Linear Control and Custom Technology



自動油槽門

工業用CPU



最小消耗量
0.18%

NSK



COMPANY PROFILE

EX NX ZX SERIES



使命



願景



策略

Zero-Training Concept

(Less is More)

OSCARMAX

É É

(EDM)
Windows

Quick Integration
EtherCAT

AI (Parametric AI System) EX

Automatic Production Line

EtherCAT

EX

(API)

API

打造智慧產業 Build the Smart Industry

秉持著「零訓練」理念、先進的技術方案與專業服務，我們的業務版圖已擴張至多個產業，包括汽車、航太、家電以及各種精密金屬零件製造領域。針對日益增長的「多樣少量」生產需求，先捷在持續推升放電加工 (EDM) 技術的同時，也不斷強化自動化整合能力。

選擇 EX 系列，您將獲得一個可靠的合作夥伴，支持您邁向更智慧、更具競爭力的製造之路。

我們正處於第四次工業革命（即工業 4.0）的時代，其核心定義在於自動化程度的提升、智慧機器以及智慧工廠的普及。讓我們攜手共創智慧產業的未來。



COUNTRY

- | | | | | |
|-------------|-------------------|-----------------|----------------|----------------|
| 1 Canada | 9 Norway | 37 Lebanon | 25 Sri Lanka | 33 Malaysia |
| 2 U.S.A. | 10 Germany | 18 Algeria | 26 Korea | 34 Indonesia |
| 2 Mexico | 11 Poland | 19 Tunisia | 27 China | 25 Singapore |
| 4 Colombia | 12 Czech Republic | 20 Egypt | 28 Thailand | 36 New Zealand |
| 5 Peru | 13 Slovenia | 21 South Africa | 29 Vietnam | 37 Australia |
| 6 Brazil | 14 Italy | 22 Saudi Arabia | 30 Japan | 38 Ukraine |
| 2 Argentina | 15 Ukraine | 23 Romania | 31 Taiwan | 39 Switzerland |
| 8 UK | 16 Turkey | 24 India | 32 Philippines | |



What's new ?!



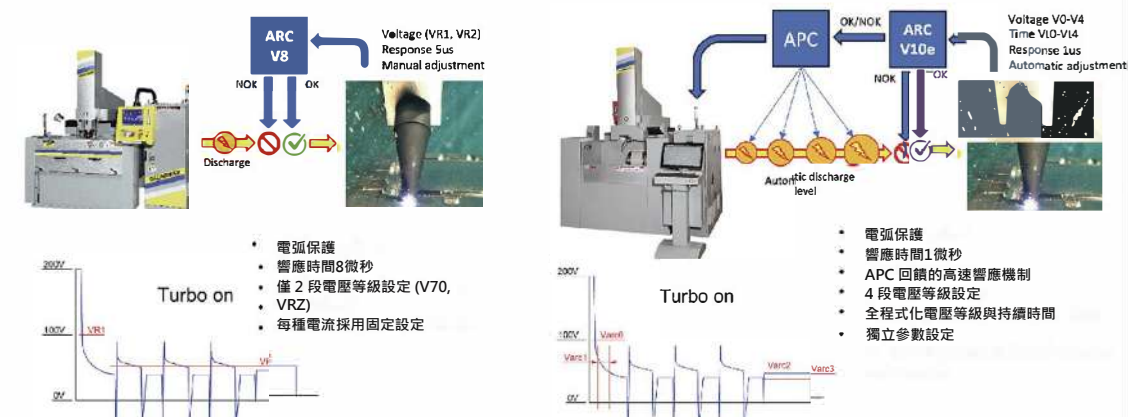
核心技術與第四代放電迴路

EX, NX, ZX 系列機型比較

ARC 與 APC 技術演進

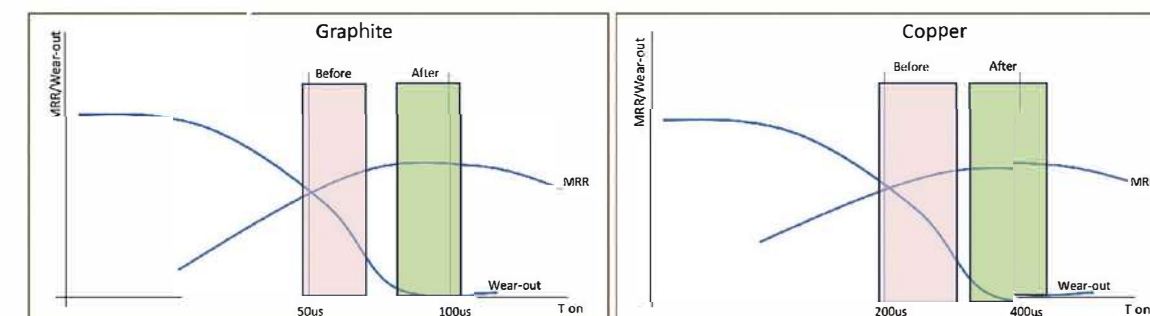
過去 (C-MAX, NC, CNC, ZNC)

現在 EX, NX, ZX



EDM CONDITIONS UPDATE

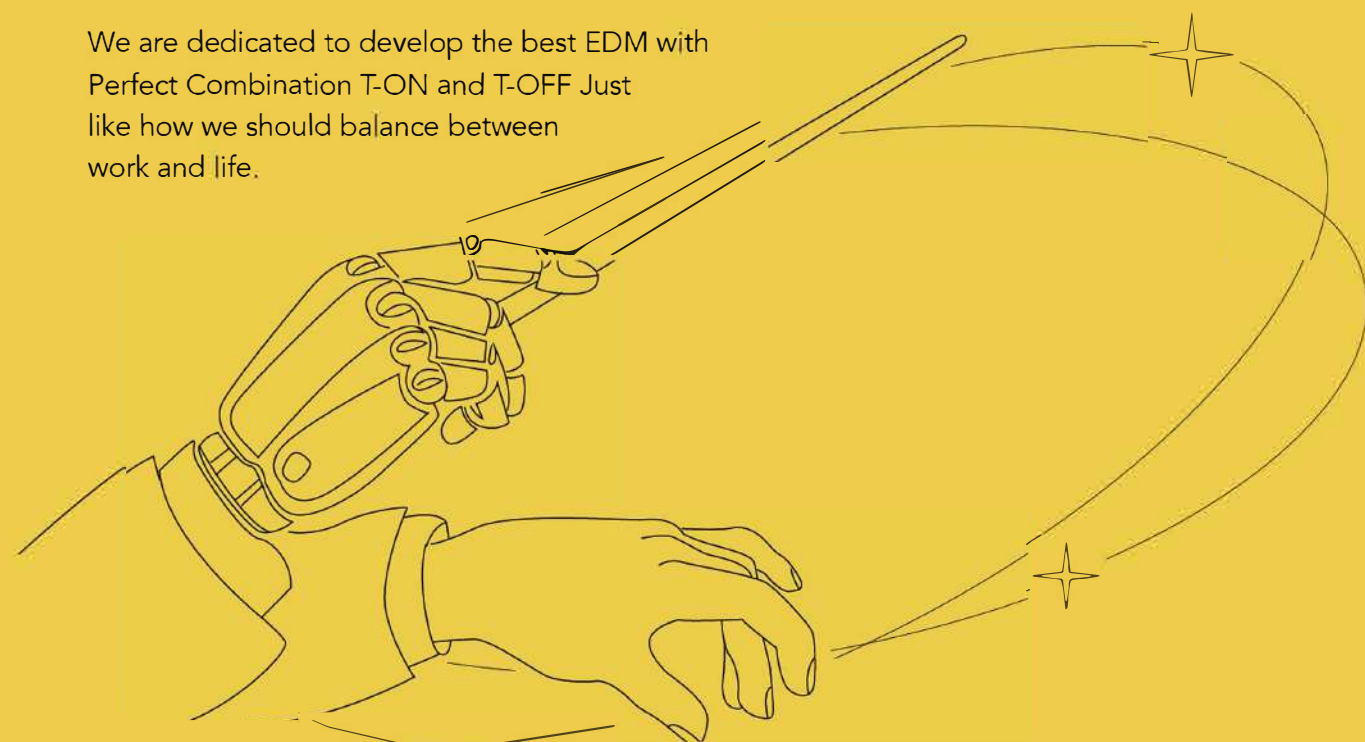
- ARC 2.0
- APC 2.0
- 進階 ARC 與 APC 的結合是實現最高金屬移除率 (MRR) 與最低電極損耗 (Wear-out)



T-ON AND T-OFF

With Perfect Combination.

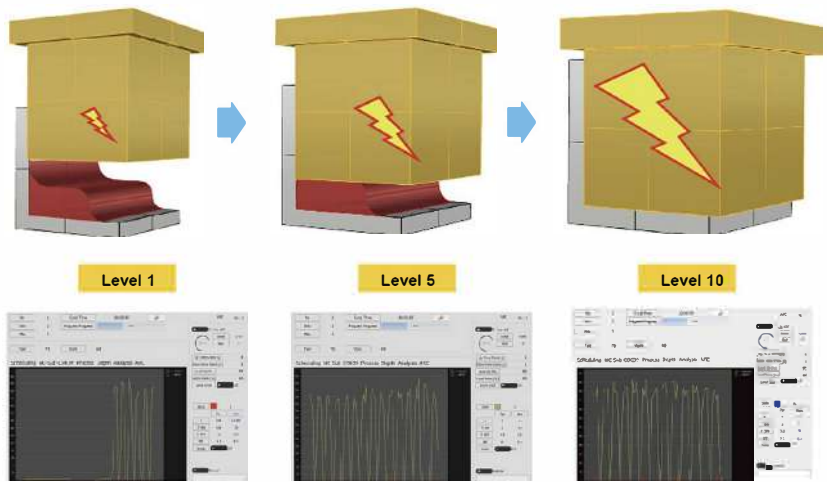
We are dedicated to develop the best EDM with Perfect Combination T-ON and T-OFF Just like how we should balance between work and life.



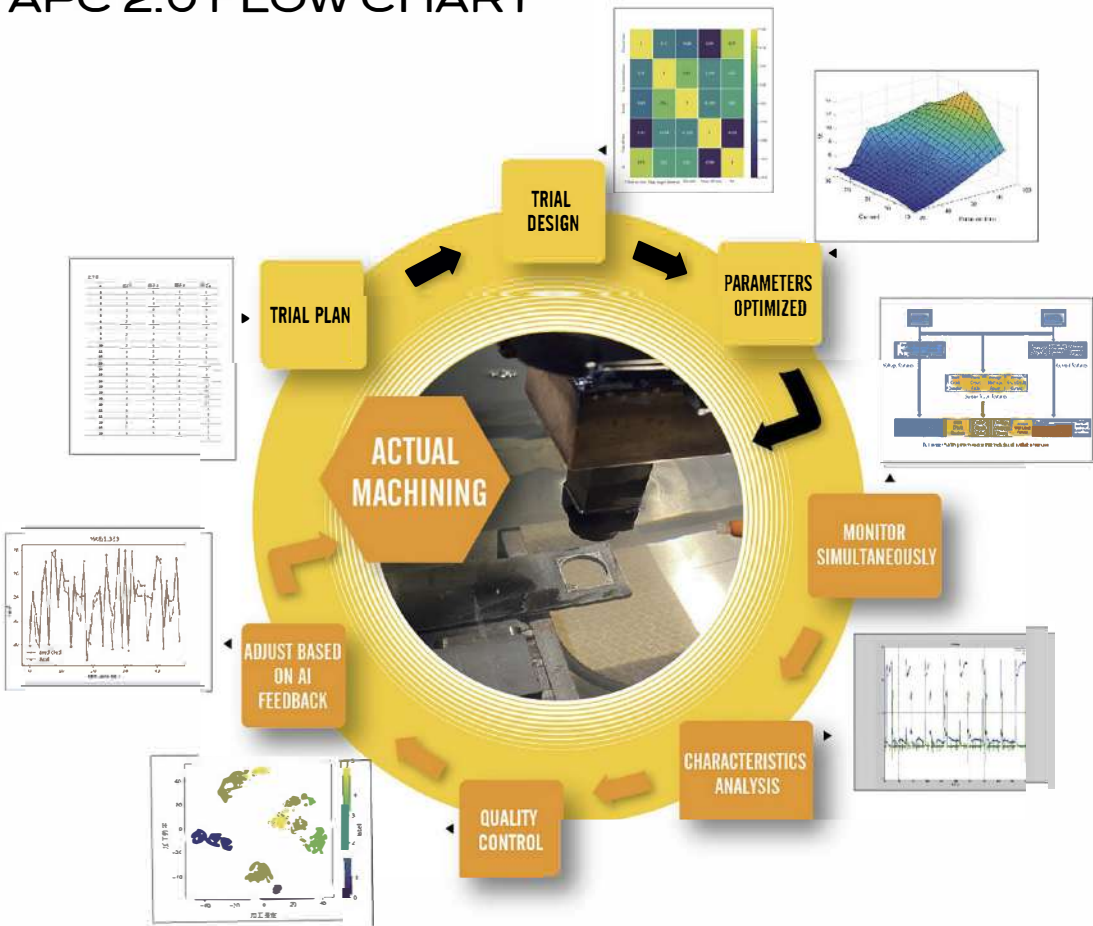
APC 2.0 自動參數調整控制

APC – Adaptable parameters control

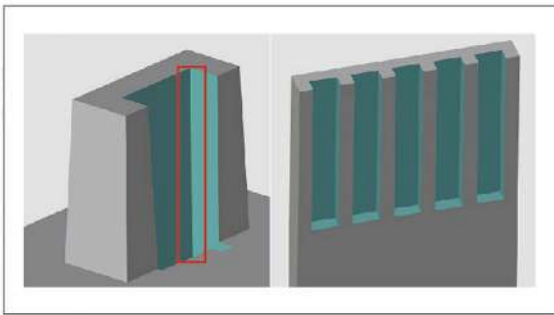
- 基於即時狀態監控，實現了大幅度的效率提升。
- 當電極接近工件時，通常會遇到尖角或較小的接觸面積。因此，傳統上必須謹慎選擇加工參數，並在整個粗加工過程中維持這些保守的設定。
- APC (適應性參數控制) 能自動透過電壓與電流的回饋調整放電條件，以避免在加工初期產生拉弧 (arcing) 現象，隨後再增加功率以達到最高加工速度。



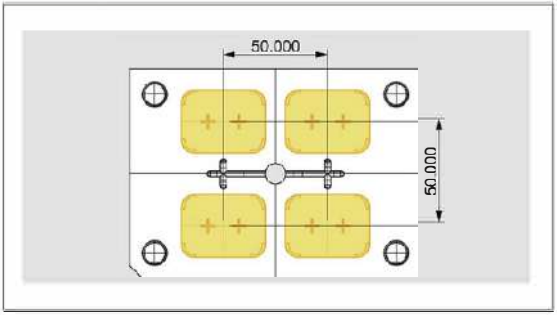
APC 2.0 FLOW CHART



卓越性能承諾



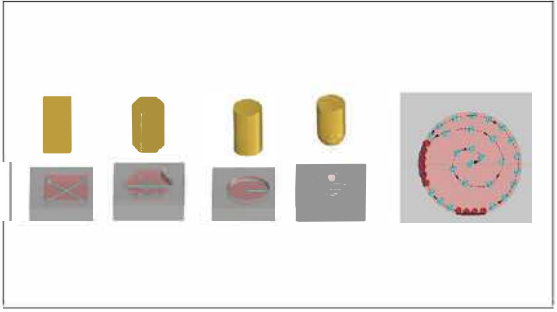
最小清角半徑 0.005mm



定位精度 (Position accuracy) : 0.005mm / 500mm
重複精度 (Repeatability) : 0.002mm / 500mm

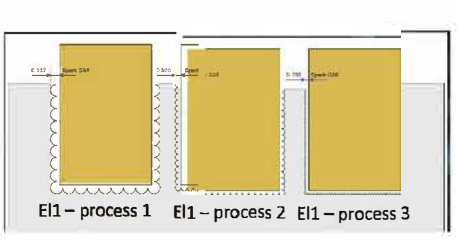


加工表面完整性均一且無燒焦痕跡，粗糙度範圍從 Ra 0.1 (VDI 1) 至 Ra 18 (VDI 45) 或更高。

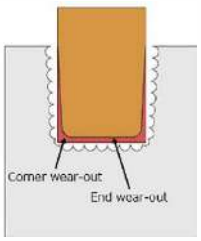


透過精確的 SmartPath 搖擺路徑模式，使電極與工件的變形趨近於零。

智慧編輯 (EX/NX/ZX 系列機種比較)



Roughing -> Finishing



從粗加工到細加工的智慧編輯，單一程序即可整合多個電極。

EX 系列 - 加工電極設定	NX 系列 - 加工電極設定	ZX 系列 - 僅支援單一製程
- 支援多達 5 個電極加工程序 (涵蓋從粗加工到極精加工)。 - 支援自動換刀 (ATC) 與刀具補正 (XYZC 軸)。 - 手動換刀功能：針對未配備 ATC 但具備 Erowa/3R 夾具的機台，可預先設定多個電極，機台隨後會提示進行手動更換。這能將換刀停機時間與對操作人員的依賴降至最低。	- 支援多達 3 個電極加工程序 (涵蓋從粗加工到精加工)。 - 支援自動換刀 (ATC) 與刀具補正 (XYZ 軸)。 - 手動換刀功能：針對未配備 ATC 但具備 Erowa/3R 夾具的機台，可預先設定多個電極，機台隨後會提示進行手動更換。這能將換刀停機時間與對操作人員的依賴降至最低。	- 加工規模：ZX 系列支援多達 2 個電極的加工程序 (涵蓋從粗加工到精加工)。 - 補正限制：與 EX/NX 系列不同，ZX 系列的刀具補正僅限於 Z 軸。 - 手動換刀：針對未配備自動換刀 (ATC) 但使用 Erowa 或 3R 夾具的機台，電極可預先設定，系統隨後會提示操作員進行手動更換。這項功能旨在將換刀停機時間與對操作人員的需求降至最低。

系統特色

- Windows 10 作業系統，搭載 i3 (或以上) 64 位元工業級處理器。
- 21.5 吋多點觸控螢幕，並配備可移動式控制台。
- 配備數位電壓表、電流表等，方便輕鬆監控機台狀態。
- 支援高達 6 軸控制 (XYZCUV)，可配備旋轉工作台以滿足複雜的加工任務。
- 遙控器配備彩色觸控螢幕，獨特設計大幅提升操作便利性。
- ECO 節能待機模式：配備動態感應器以達成節能效果。
- UV 火燄感應器。
- 可透過 API 介面處理 CAM 軟體輸出的加工數據。
- 支援遠端線上培訓、故障診斷及系統更新。

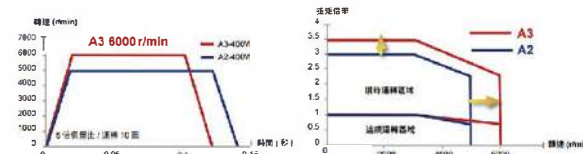
EtherCAT 特色

- 配備 EtherCAT、交流伺服系統 (AC servo system) 及 I/O 控制平台。
- 台達 (Delta) ASDA-A3 伺服驅動器：具備更高響應能力與更短的整定時間 (settling time)。
- EtherCAT I/O 控制卡：具備極佳穩定性，且易於與其他應用程式整合。
- 多點觸控螢幕搭配鍵盤，操作簡易。



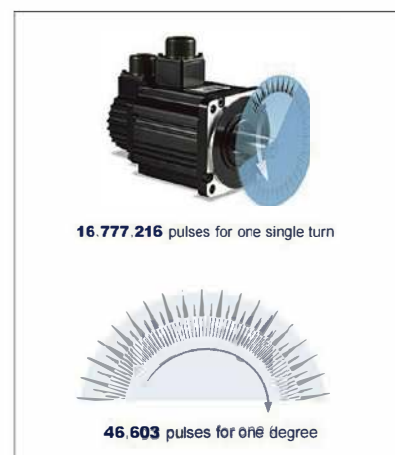
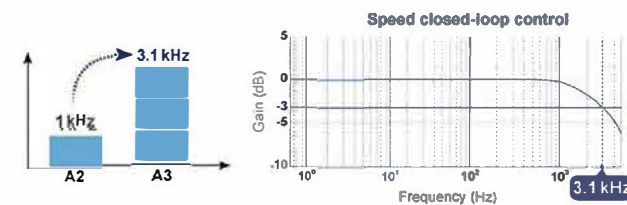
具備 6000 r/min 高轉速與 350% 峰值扭矩的高速馬達

- 與 A2 系列相比，轉速提升了 1000 r/min。
- 穩定的電流輸出，可達成更優異的加工精度與表面粗糙度。



3.1 kHz 頻寬

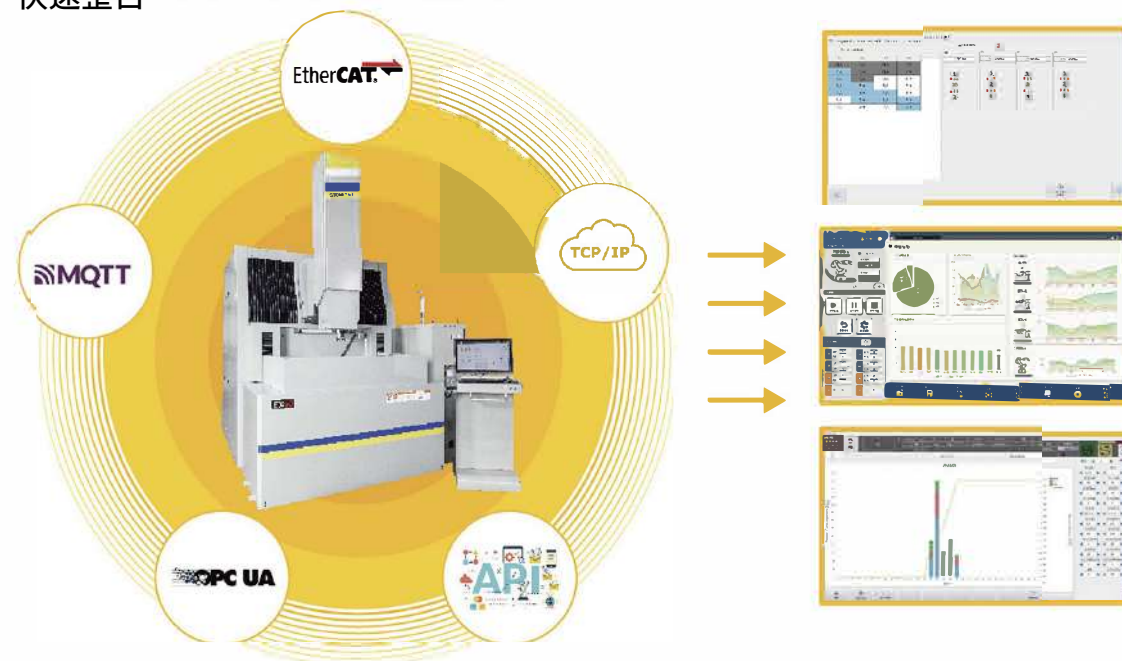
- 驅動器與伺服馬達之間的即時響應以實現精確定位。
- 更高的響應能力與更短的整定時間，進而提升生產效率。



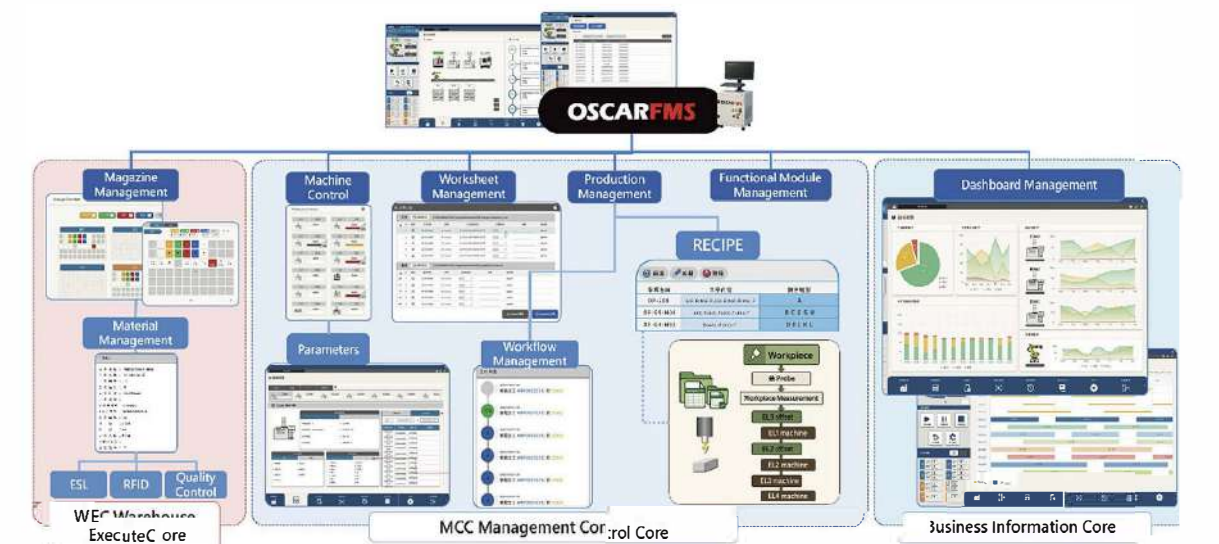
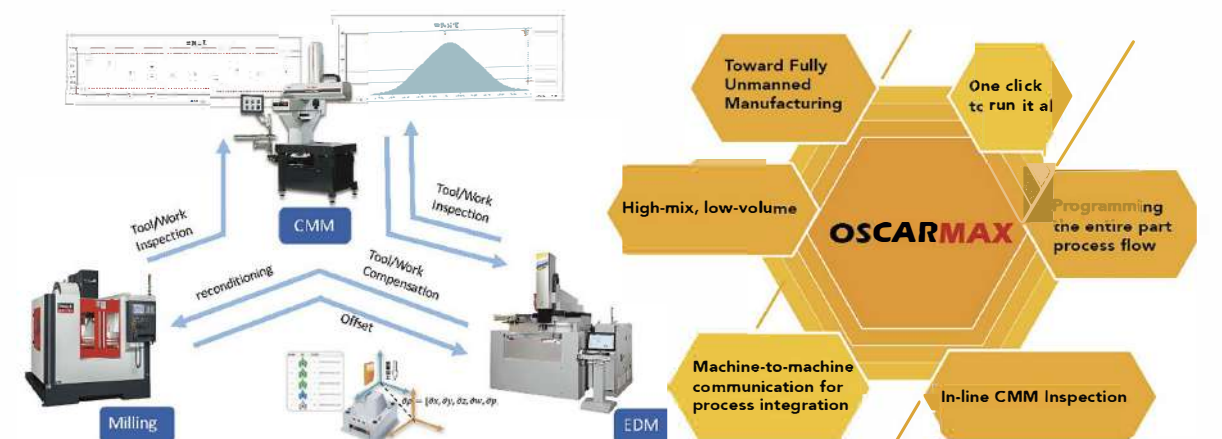
24 位元絕對型編碼器

- 每圈 16,777,216 脈波，確保精確定位。
- 低速加工時的穩定表現，提升加工品質。
- 在斷電時能保存馬達位置。

快速整合

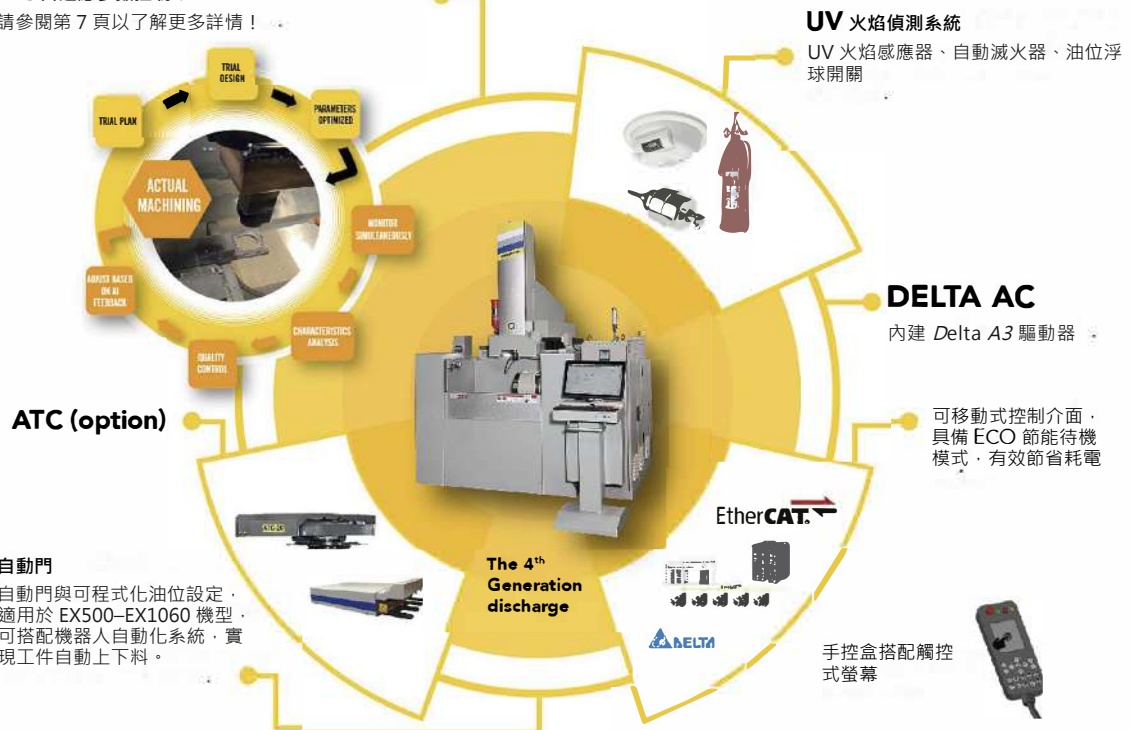


OSCARFMS 彈性製造系統

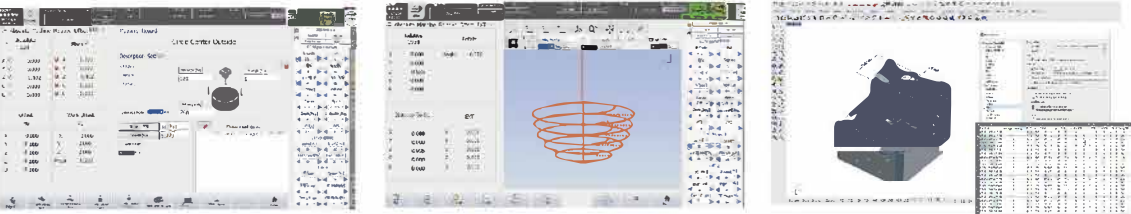


EX / NX / ZX 系列介紹

APC 自適應參數控制：
請參閱第 7 頁以了解更多詳情！



應用特色



- 對話式使用者介面，搭配圖像與文字說明，可快速且輕鬆地編輯程式。可輕鬆插入 G-code，方便編輯重複、雜的程式。
- 全新升級的 OB SmartPath 採用更智慧、更具策略性的搖動控制技術，完整結合機台性能與放電加工效能，進一步提升加工表現。
* EX 機型專屬
- 可透過 API 整合 CAM 軟體輸出，自動產生包含加工參數、定位資訊及模具修邊等完整程式內容，大幅提升作業效率並減少人為錯誤。
【註：不含 Post Processor】



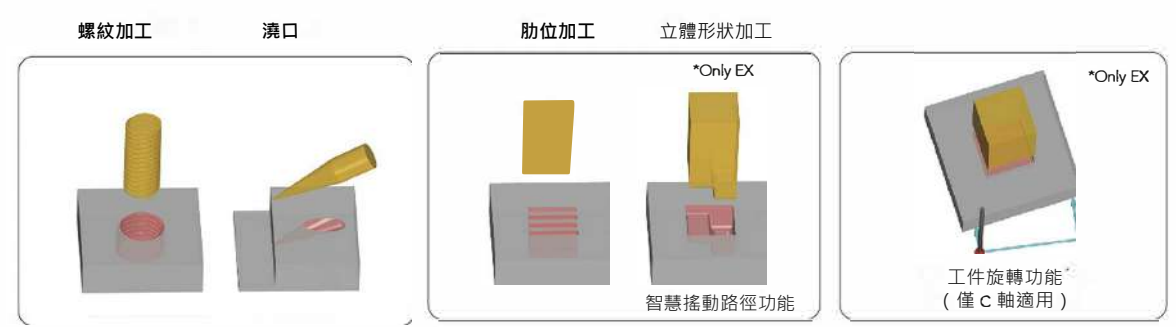
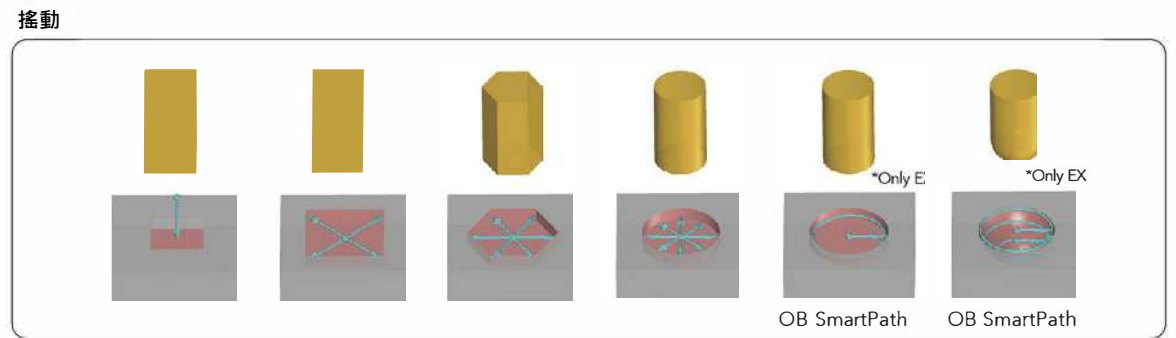
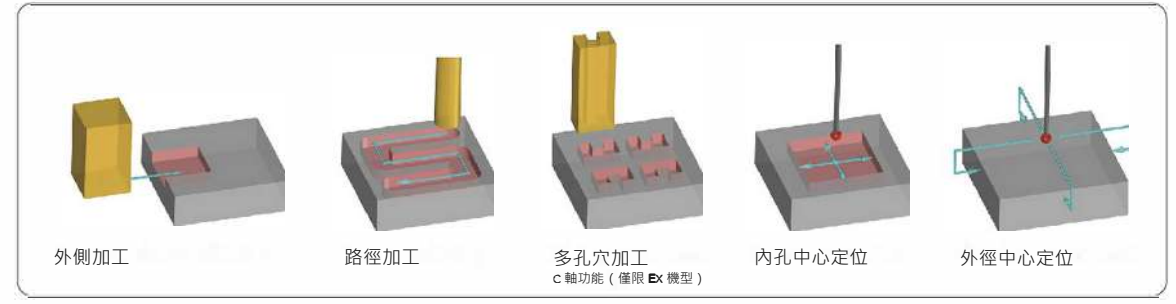
- FUZZY 智慧模式讓使用者只需選擇加工材料，即可快速獲得建議加工程式。
- 同時支援參數調整功能，操作人員可依實際需求進一步優化加工表現。
- 符合人體工學的遠端控制器搭配顯示螢幕，操作更直覺，方便於機台加工區域內進行控制與操作。
- 透過遠端存取功能，OSCARMAX 技術團隊可提供即時的操作訓練、故障排除及問題診斷支援

EX specification	NX
Movable control panel	Universal control panel
Linear scale resolution 1um	24 bit absolute type Encoder mode, resolution 1um
Intel CPU- i5 EX full version core system	Intel CPU-i3 NX CNC version core system
Available for C、A、B extra rotary tables	Maximum 3 axes. X、Y、Z
Full 3D orbiting function with any angle orbit. OB SmartPath	Z minor direction orbiting function square and circuit path. (XY plane)

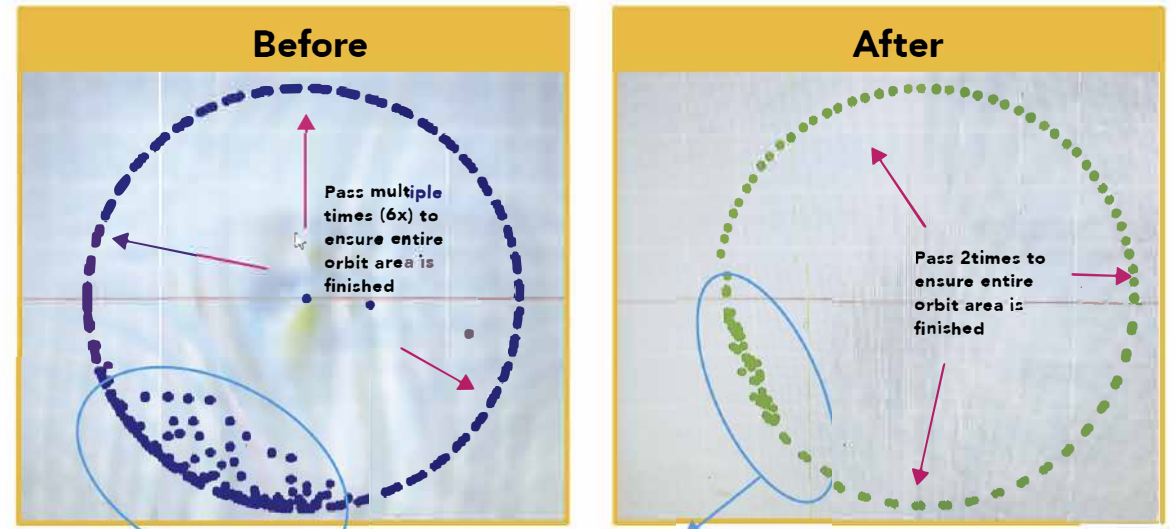


EX NX ZX SERIES

NX & EX 標準功能



OB智慧搖動路徑功能



採逐次少量材料去除方式進行加工

搖動切割技術可實現最高達 200% 的切割速度提升，並顯著提高尺寸加工精度



所有加工時間皆有效運用於材料去除，提升整體加工效率。

EX / NX 系列動柱式放電加工機

EX60

X: 600
Y: 400
Z: 350
Three-sided lift-up
oil tank door



EX1060

X: 100
Y: 600
Z: 500
Front lift-up oil
tank door



EX2210-2H

X: DM 775
SM 1550
Y: 1000
Z: 600



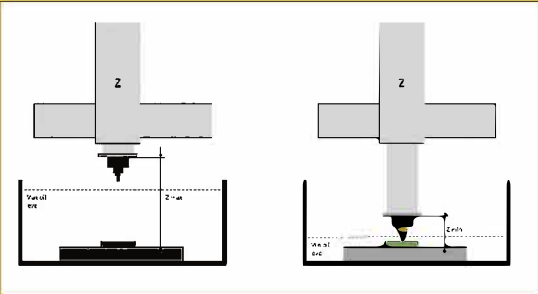
EX3010-2H

X: DM 1275
SM 2550
Y: 1000
Z: 600

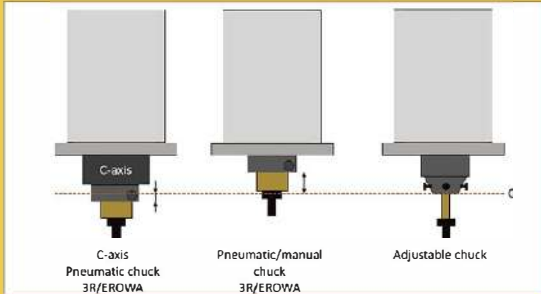


- DM - 優化的 DM 行程距離設計，讓雙加工50可同步運作而不互相干涉
- SM - 單加工50的最長行程

Z軸行程



夾頭與工作台之間距離



Structure				Moving Column type						
Model (by size)				EX/NX500	EX60	EX/NX750	EX/NX1060	EX/NX1270	EX/NX1510	EX/NX1880
Specification	Table Travel	X	mm (inch)	500(20)	600(23)	700(28)	1000(40)	1200(47)	1500(59)	1800(71)
		Y		400(16)	400(15)	500(20)	600(24)	700(28)	1000(39)	800(31)
		Z		450(18)	350(13)	500(20)	500(20)	500(20)	600(24)	600(24)
	Max. workpiece dimensions (W x D)		mm (inch)	1050x802 (41x32)	700x400 (27x15)	1390x990 (55x39)	1690x1080 (67x43)	1840x1120 (73x44)	2070x1570 (81x61)	2390x1215 (95x48)
	Max. filling height of dielectric tank		mm (inch)	420(16.5) AD: 350(14)	AD:330(13)	420(16.5) AD: 440(17)	525(20.6) AD: 530(20.8)	525(20)	700(28)	600(24)
	Distance between chuck and table		mm (inch)	122-572 (5-23)	105-545 (4-17)	72-572 (3-23)	285-785 (11-31)	405-905 (16-36)	525-1125 (21-44)	340-940 (13-36)
	Max. workpiece weight		kg	705	505	1530	3054	3563	7981	7043
	Max. electrode weight		kg	200	250	350	400	500	500	500
	Table Size (W x D)		mm (inch)	850x450 (34x18)	800x500 (31x19)	1000x600 (40x24)	1250x750 (49x29)	1350x820 (53x32)	1580x1100 (62x43)	1850x1000 (73x39)
Machine weight		kg	3000	4000	4500	5500	6500	10800	9000	
Filter	Tank capacity		l	855	718	1283	1544	1600	3410	4860
	Filter density		μm	20	20	20	20	20	20	20
	Filter elements		Pcs	6	2(Large)	6	6	6	6	6
Generator	Max. working current		A	60	60	60	120	120	120	120
	Overall power consumption		KVA	10	10	10	12	12	12	12
	Weight		kg	350	350	350	380	380	380	380

*AD = Automatic Door.

Structure				Moving Column type			Twin-Head Moving Column type			
Model (by size)				EX/NX2210	EX/NX2610	EX/NX3010	EX/NX1510-2H	EX/NX2210-2H	EX/NX2610-2H	EX/NX3010-2H
Specification	Table Travel	X	mm (inch)	2200(87)	2600(102)	3000(118)	430/860 (17/34)	775/1550 (31/61)	1075/2150 (42/85)	1275/2550 (50/100)
		Y		1000(39)	1000(39)	1000(39)	1000(39)	1000(39)	1000(39)	1000(39)
		Z		600(24)	600(24)	600(24)	600(24)	600(24)	600(24)	600(24)
	Max. workpiece dimensions (W x D)		mm (inch)	2860×1565 (113×62)	3290×1690 (129×66)	3800×1565 (150×62)	2070×1565 (81×62)	2860×1565 (113×62)	3290×1690 (129×66)	3800×1565 (150×62)
	Max. filling height of dielectric tank		mm (inch)	700(28)	700(28)	700(28)	700(28)	700(28)	700(28)	700(28)
	Distance between chuck and table		mm (inch)	540-1140 (21-45)	525-1125 (21-44)	525-1125 (21-44)	575-1175 (22-46)	590-1190 (23-47)	575-1175 (22-46)	575-1175 (22-46)
	Max. workpiece weight		kg	11300	13600	15600	7900	11300	13600	15600
	Max. electrode weight		kg	500	500	500	500	500	500	500
	Table Size (W x D)		mm (inch)	2250×1100 (89×43)	2700×1100 (106×43)	3100×1100 (122×43)	1580×1100 (62×43)	2250×1100 (89×43)	2700×1100 (106×43)	3100×1100 (122×43)
Machine weight		kg	13500	16500	19500	12300	15000	18000	21000	
Filter	Tank capacity		l	4700	5400	5900	3500	4700	5400	5900
	Filter density		μm	20	20	20	20	20	20	20
	Filter elements		Pcs	6	6	6	12	12	12	12
Generator	Max. working current		A	120	120	120	120	120	120	120
	Overall power consumption		KVA	12	12	12	12	12	12	12
	Weight		kg	380	380	380	380	380	380	380

What is your choice?



EX

EX430

X: 400
Y: 300
Z: 300

- 適用於高精度複雜模具與工具製造
- 支援多型腔模具加工及 C 軸精準定位應用
- 適用航太零件加工，如渦輪、擴散器與密封槽
- 滿足高表面品質加工需求
- 實現免拋光 EDM 表面品質
- 支援 C 軸進階加工（X/C 向量、螺旋、連續旋轉）
- 支援 EDM 內螺紋加工
- 適用各式射出成型澆口加工（隧道澆口 / 香蕉澆口）
- 支援無人值守加工（ATC / FMS）
- 大幅降低人工操作需求

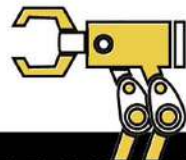


NX

NX550

X: 500
Y: 400
Z: 350

- High accuracy molds and tools
- Multi-cavity molds and tools
- EDM Internal Thread Machining
- Standard injection tunnel gates
- Semi-automation (with ATC)
- Operator can cover multiple machines



ZX430

X: 400
Y: 300
Z: 300

- Basic molds and tools
- Single point repetitive workpiece
- Molds and tools repairs
- Require operator presence



ZX

ZX755

X: 700
Y: 550
Z: 250
Z2: 300

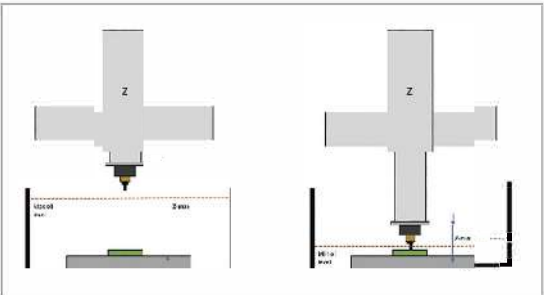


Function	EX	NX	ZX
Circle, square orbit	Yes	Yes	N/A
Polygon, orbit rotation	Yes	Yes	N/A
3D orbit (equal gap)	Yes	N/A	N/A
Taper angle (Z-axis sparking - automatic gap calculation based on draft angle)	Yes	Yes	Yes
C-axis sparking (XYZC, helix)	Yes	N/A	N/A

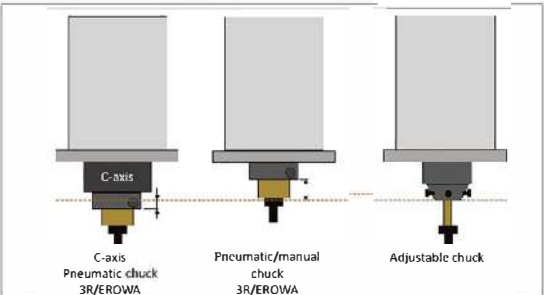
Structure				Moving Table type			
Model (by size)				EX430	NX/ZX430	NX/ZX550	NX/ZX755
Specification	Table Travel	X	mm (inch)	400(16)	400(16)	500(20)	700(28)
		Y		300(12)	300(12)	400(16)	550(22)
		Z		300(12)	300(12)	350(14)	250(10)
	Second spindle travel		mm (inch)	N/A	N/A	N/A	300(12)
	Max. workpiece dimensions (W x D)		mm (inch)	932x500 (37x20)	932×500 (37×20)	1100×630 (44×25)	1654×934 (65×28)
	Max. filling height of dielectric tank		mm (inch)	300(11.8)	300(11.8)	352(13.8)	470(18.5)
	Distance between chuck and table		mm (inch)	150-450 (6-18)	150-450 (6-18)	145-495 (5.9-19.5)	190-740 (5-19)
	Max. workpiece weight		kg	550	550	1350	2000
	Max. electrode weight		kg	120	120	220	250
	Table Size (W x D)		mm (inch)	650x350 (26x14)	650×350 (26×14)	800×450 (32×18)	1100×600 (44×24)
Machine weight		kg	1200	1200	1950	3100	
Filter	Tank capacity		l	580	580	520	1120
	Filter density		μm	20	20	20	20
	Filter elements		Pcs	3	3	3	4
Generator	Max. working current		A	60	60	60	60
	Overall power consumption		KVA	6	6	6	6
	Weight		kg	320	320	320	320



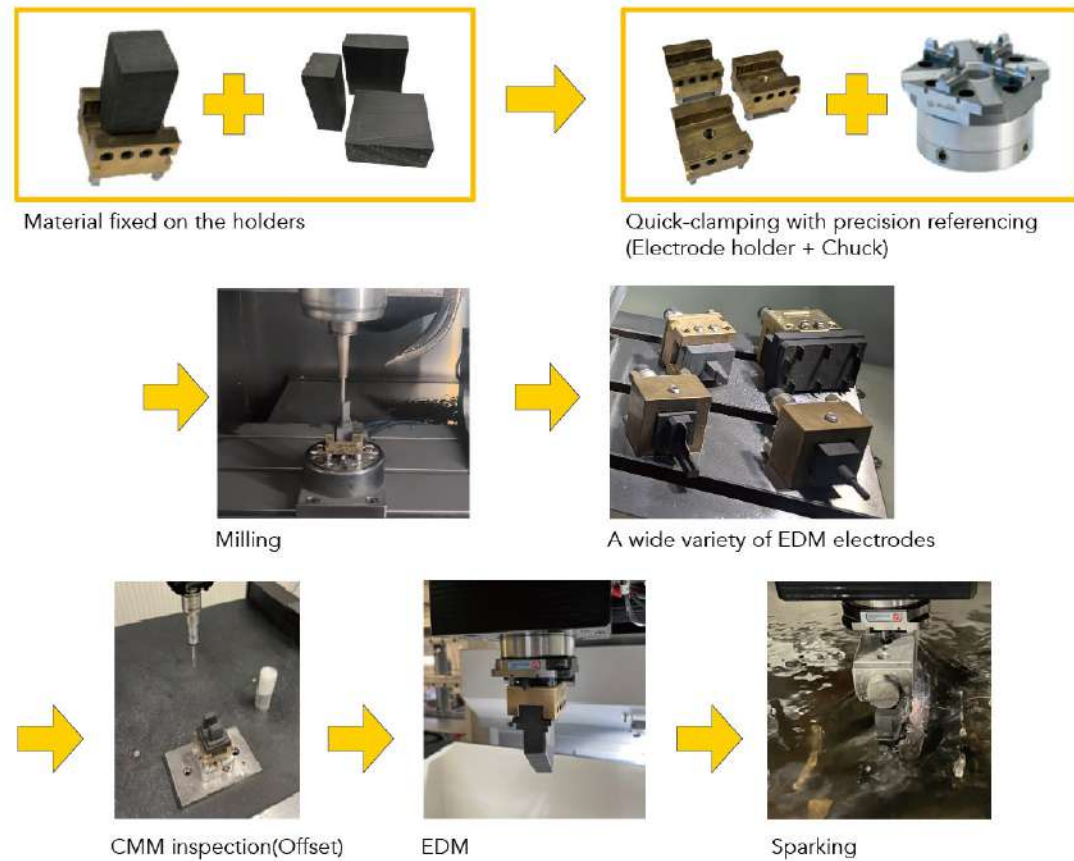
Z axis travel



Distance between chuck and table



INTELLIGENT TOOLING SYSTEM FOR AUTOMATED PART FLOW



COMMON ACCESSORIES

system 3R

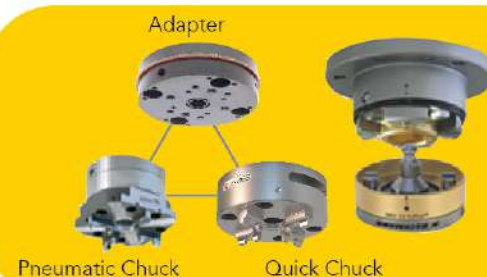
EROWA[®]
system solutions

HIRSCHMANN

ATC



Adapter



Practical example:

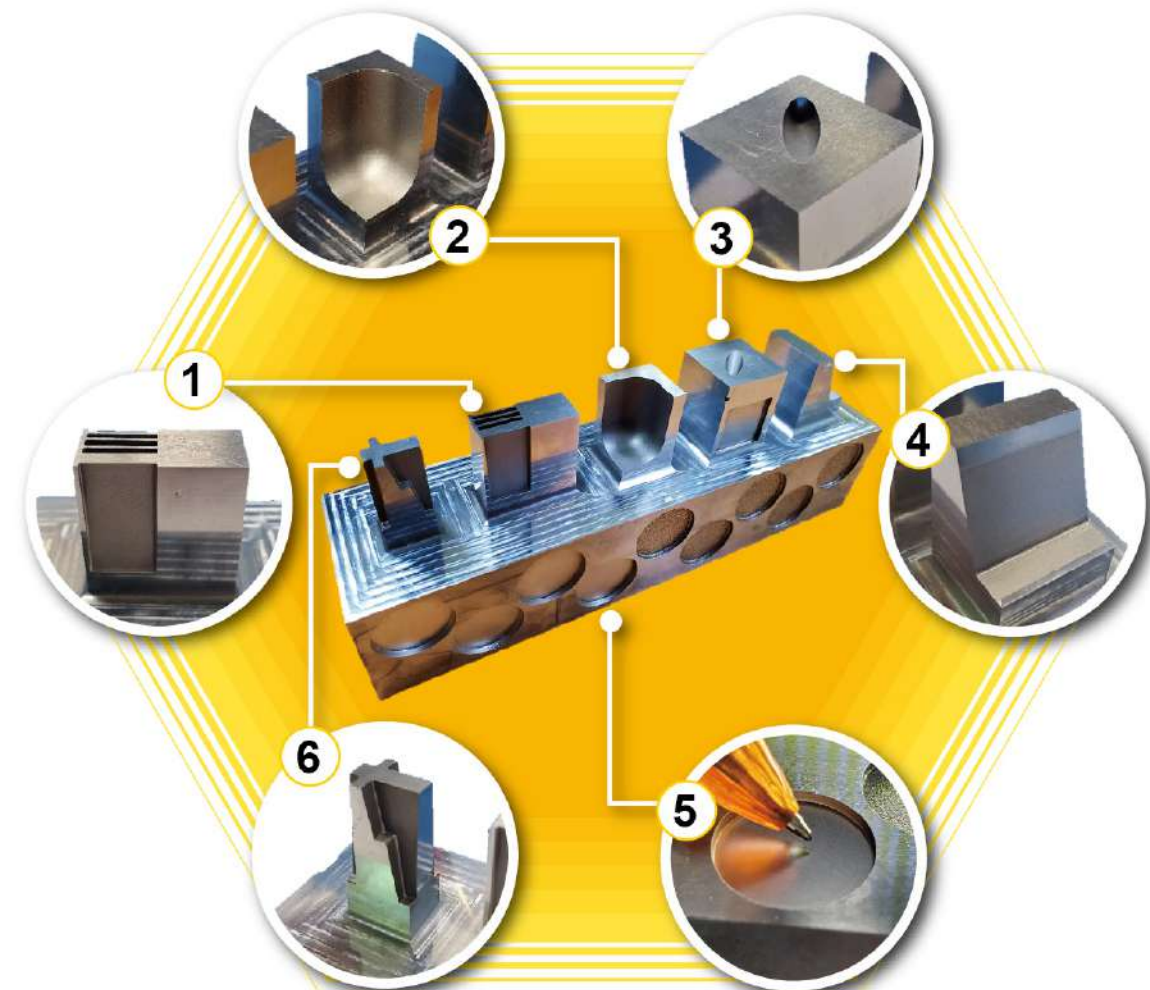


EX NX ZX SERIES

MACHINING APPLICATIONS & SAMPLES



Example of automatic
workpiece setup and
electrode offset
measurement



1 Rib 1x10mm

Depth: 20mm
Electrode: Gr ISO-63
Number of EL: 2 (2 x 0.15)
Roughness: VDI18/Ra0.8
Time: 1h 10min

2 Corner radius 12x12mm

Depth: 20mm
Electrode: Gr ISO-63
Number of EL: 2 (0.3 + 0.1)
Roughness: VDI16/Ra0.6
Time: 1h 10min

3 Tunnel gate

Depth: 15mm
Electrode: Cu
Number of EL: 1 (0.05)
Roughness: VDI18/Ra0.8
Time: 45min

4 Angled surface connection

Depth: 20mm
Electrode: Gr
Number of EL: 1 (0.1)
Roughness: VDI16/Ra0.6
Time: 40min

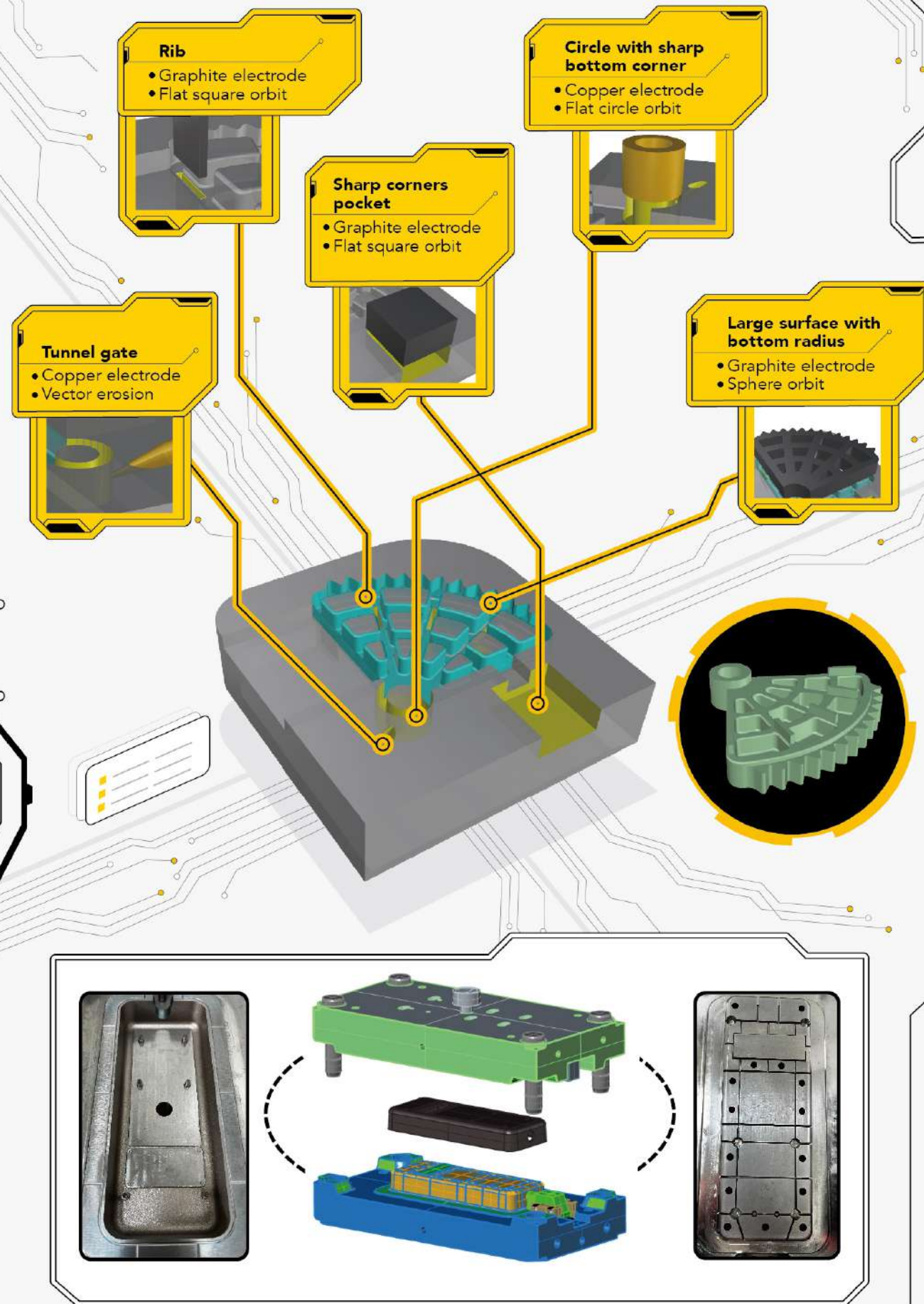
5 Surface polishing

Depth: 1.5mm
Electrode: Cu
Number of EL: 2 (0.1)
Roughness: VDI16/Ra0.2
Time: 2h 45min

6 Connector

Depth: 20mm
Electrode: Gr ISO-63
Number of EL: 2 (2 x 0.1)
Roughness: VDI16/Ra0.6
Time: 45min

MACHINING APPLICATIONS & SAMPLES



MACHINING APPLICATIONS & SAMPLES

■ Super hard alloy application



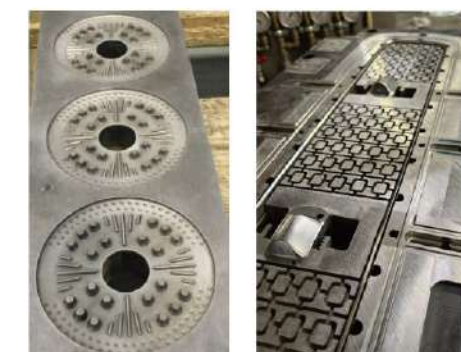
■ Petrochemical industrial application



■ Special components application



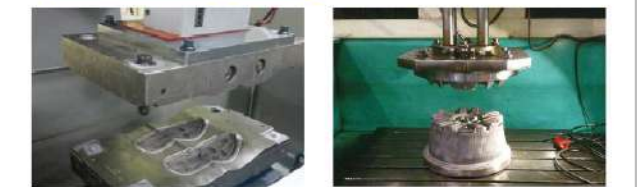
■ Injection mold applicaiton



■ Forging tools



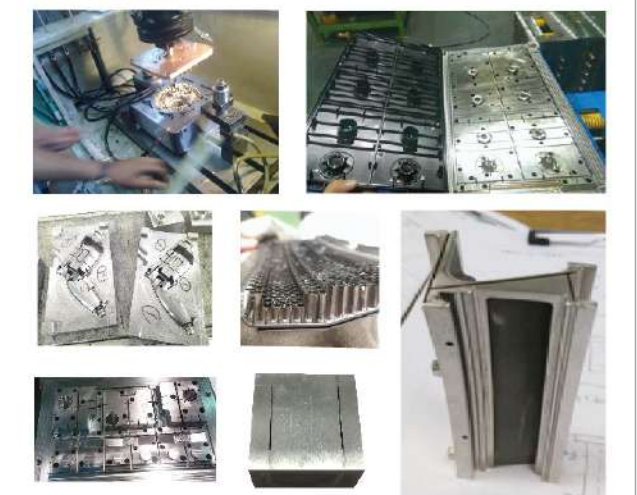
■ Die & mold spotting



■ Stamping and forging dies



■ Ribs machining application

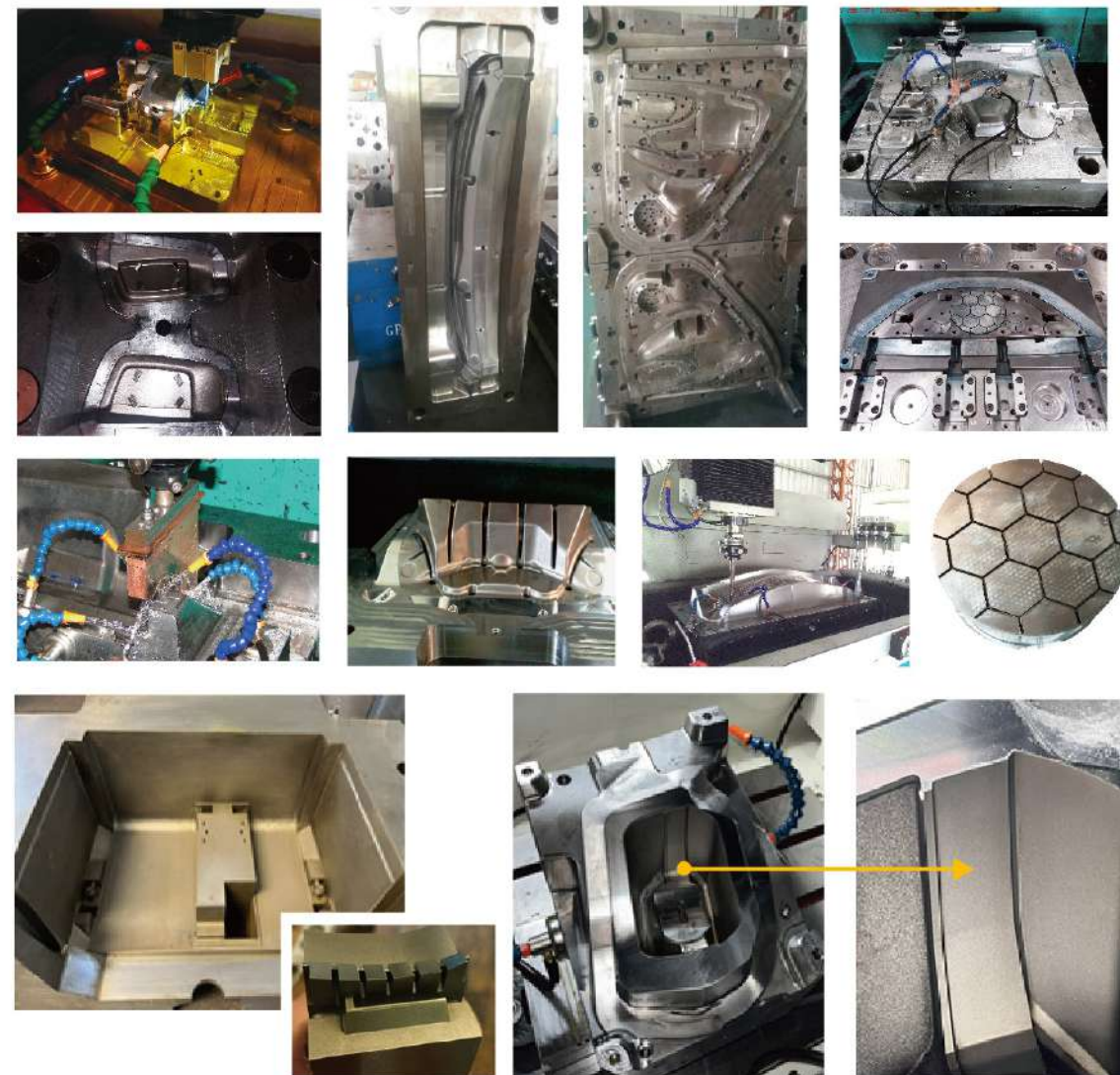


MACHINING APPLICATIONS & SAMPLES

Precise components & Molds application

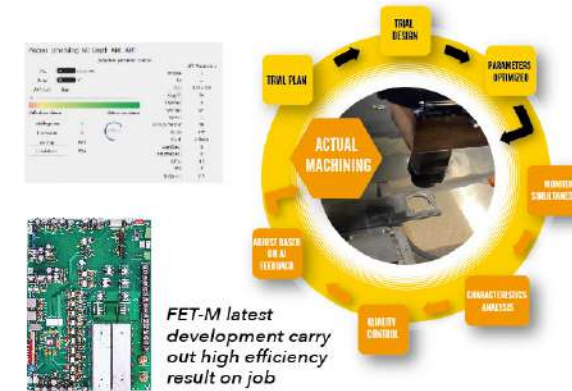


Automobile mold application



STANDARD ACCESSORIES

Core Standard Components. 4th Generation sparking circuit.



TURBO high cutting speed circuit
EZ spark circuit for extra hard materials

Core system



- EX standard with i5 Windows 10 Operating system with industrial CPU i3(or above)64-bit.
- 21.5" multi-touch screen with movable controller.
- Equipped with digital voltmeter, current meter etc., to monitor the machine status easily.
- Up to 6 axes control – XYZCUV – equipped by rotary table to satisfy complex job.
- Color touch-screen on remote controller, unique design improves user convenience.

High structural rigidity allows the servo system to fully utilize its high response capability.



High-response servo with rapid compensation capability for discharge conditions



Aerospace Grade Inspection -Quality control



- All products are well tested, measured by high-tech tools to ensure quality of machines.
- Mechanical geometric measurement.
- QC procedures including accuracy test by laser. Dynamic test including operation and idle mode.

Safety Sensors



Standard tools



Spindle System Option

Item	Harmonic Drive Type	Direct Drive
Type		
Drive Type	Harmonic Gear Reducer	Direct Drive
Max. Speed (rpm)	30 (1:100)	200 (1:1)
Positioning Accuracy (Arc-sec) - P	40	30
Positioning Deviation (Arc-sec) - Pa	30	15
Repeatability (Arc-sec) - Pmax	15	10
Bidirectional Accuracy (Arc-sec) - Umax	15 (after compensation)	10
Rotary Table Weight incl. Chuck (kg)	13	15
Electrode Load (kg)	Static: 35 / Dynamic: 30	Static: 35 / Dynamic: 30
Center Flushing Pressure (Bar)	50	50
Rotary Table Height incl. Chuck (mm)	150	150
Continuous Rotation Capability	No	Yes
IP Protection Rating	IP67	IP67

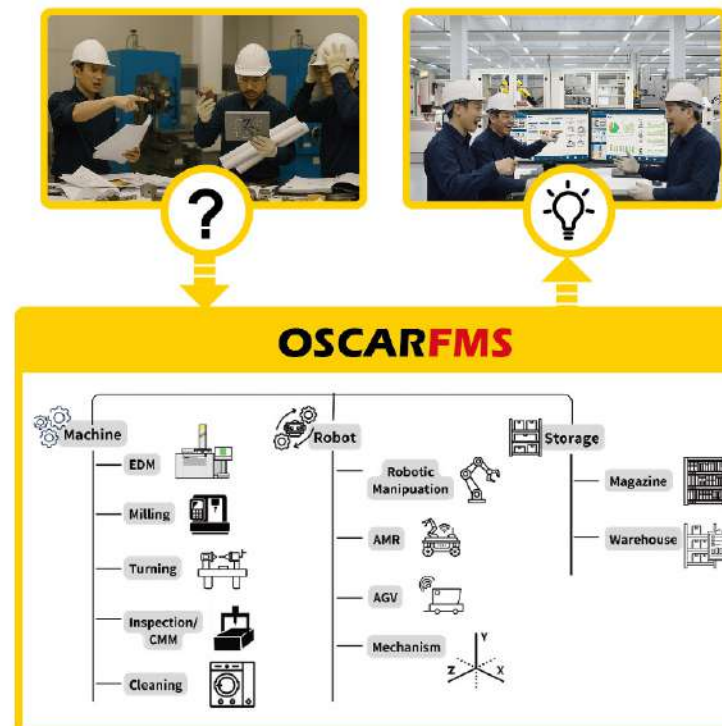
Extra Core Option



Popular Option



Automation Option



STANDARD ACCESSORIES

Item	ZX	NX	EX
X - Y - Z axis Double Nuts Ballscrews	C7 ballscrews	√	√
X - Y - Z P-Type Linear Guide way	Hard rails	√	√
X - Y - Z axis Linear Scale 1μm	XY axes 5um scales, Z axis 24bits encoders	XYZ axes 24bits encoders	√
X - Y - Z axis Servo Motor	Only Z axis	√	√
21.5" touch screen	√	√	√
Auto Fire Extinguisher	√	√	√
UV sensor	√	√	√
Stainless Oil Level Sensor	√	√	√
LED Work Lamp	√	√	√
Leveling Pad	√	√	√
Flushing Nozzle	√	√	√
Adjustable Electrode Holder	√	√	√
Filter	√	√	√
Tool Box & Basic Tools	√	√	√
Remote Controller	√	√	√
Signal Tower Light	√	√	√
Groundfos Pump	√	√	√
Automatic door	Manual	☐ NX500-NX1060	√ EX500-EX1060
Automatic lubrication system	Manual	√	√
4 th generation sparking circuit	√	√	√
EZ spark circuit for extra hard materials.	√	√	√
TURBO high speed circuit	√	√	√

√:Standard ☐: available —:unavailable

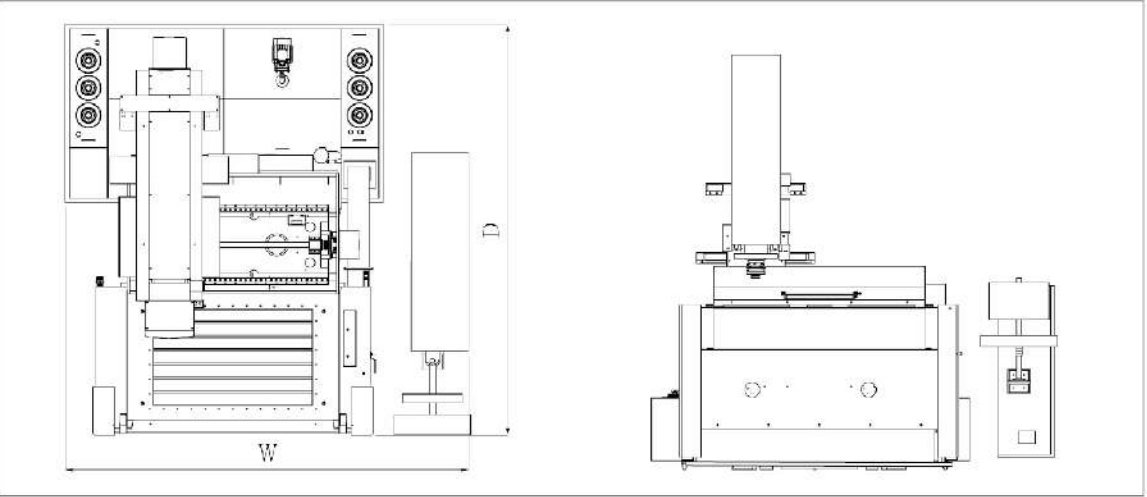
OPTIONAL ACCESSORIES

Item	ZX	EX430/NX430-550	EX /NX 500-3010-2H
OSCARFMS	—	Only EX	Only EX
3R/EROWA - wheel type ATC 16/20	—	—	☐
3R/EROWA - linear type ATC 4/5/6/8	—	ATC4/ATC4 X2	☐
3R/EROWA - C axis	—	Only EX	Only EX
3R/EROWA - Manual Chuck	☐	☐	☐
3R/EROWA - Automatic Chuck	—	☐	☐
Oil Mist Collector	☐	☐	☐
AB axes rotary table	—	Only EX	Only EX
ROBOT - 180 Tool Changer	—	—	☐
EDM oil cooler	☐	☐	☐
Permanent Magnetic Table	☐	☐	☐
Measuring Probe	☐	☐	☐
Electrode Holder 75 & 100 type	☐	☐	☐
Transformer 3Ø - 380V - 400V - 415V	☐	☐	☐
Uninterruptible Power Supply	☐	☐	☐

☐: available —:unavailable

MOVING COLUMN TYPE-EX

Type	L(mm / inch)	W(mm / inch)	H(mm / inch)
EX/NX500	2473(97.3)	2878(113.3)	2781(109.5)
EX60	2592(102.5)	2613(102.8)	2905(114.3)
EX/NX750	3083(121.4)	3087(121.5)	2810(110.6)
EX/NX1060	3214(126.5)	3242(127.6)	3389(133.4)
EX/NX1270	3176(125)	3582(141)	3418(134.6)
EX/NX1510	3919(154.3)	4503(177.3)	3902(153.6)
EX/NX1880	3708(146)	3947(155.4)	3589(141.3)
EX/NX2210	4418(174)	4562(179.6)	3899(153.5)
EX/NX2610	4914(193.5)	4806(189.2)	3904(153.7)
EX/NX3010	5636(221.9)	4806(189.2)	3904(153.7)



TWIN HEAD MOVING COLUMN TYPE-EX

Type	L(mm / inch)	W(mm / inch)	H(mm / inch)	SM(mm / inch)	DM(mm / inch)
EX/NX1510-2H	5332(209.9)	4849.5(190.9)	4254(167.5)	860(33.9)	430(16.9)
EX/NX2210-2H	5184(204.1)	4554(179.3)	3680(144.9)	1550(61)	775(30.5)
EX/NX2610-2H	5584(219.8)	4652(183.1)	3680(144.9)	2150(84.6)	1075(42.3)
EX/NX3010-2H	6124(241.1)	4652(183.1)	3680(144.9)	2550(100.4)	1275(50.2)

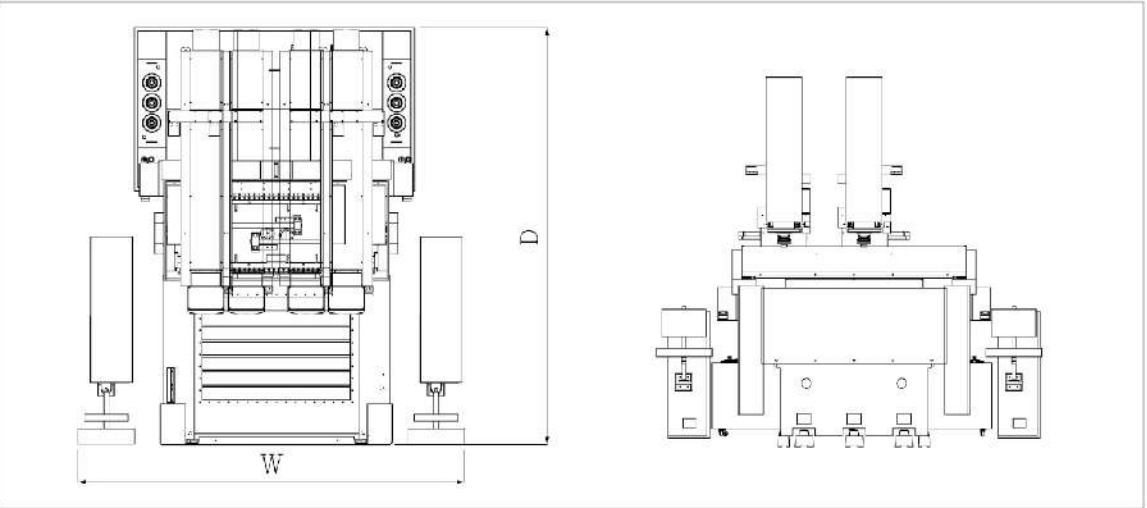


TABLE-MOVING TYPE-EX

Type	L(mm / inch)	W(mm / inch)	H(mm / inch)
EX430	2442(96.1)	2414.3(95)	2478 (97.6)

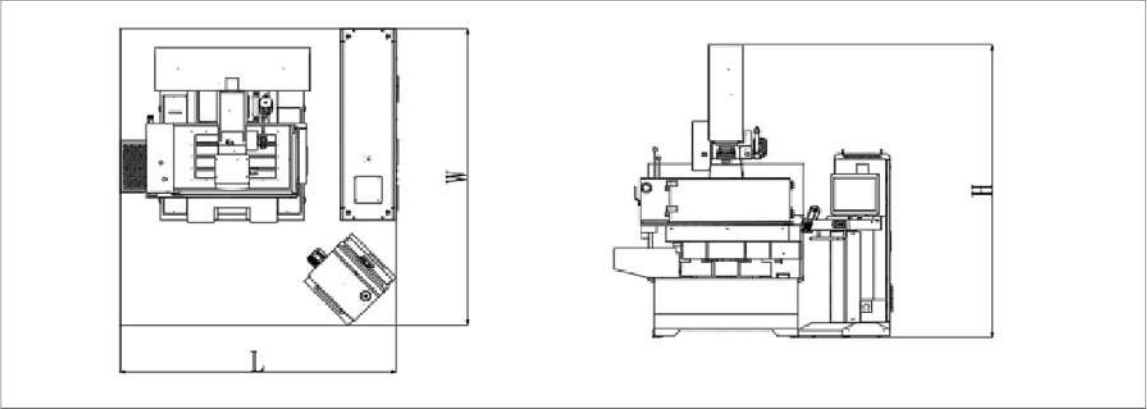
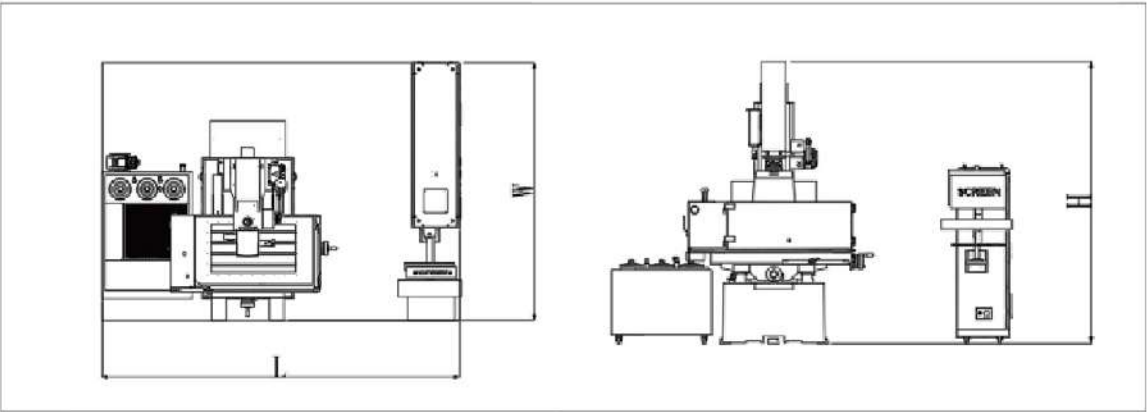
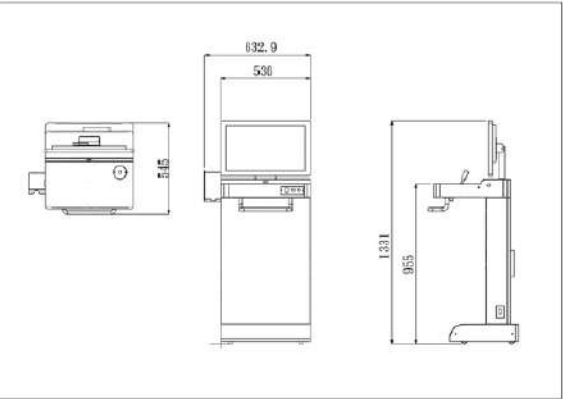


TABLE-MOVING TYPE-NX/ZX

Type	L(mm / inch)	W(mm / inch)	H(mm / inch)
NX/ZX430	2950(116.1)	2466(97.09)	2308(90.9)
NX/ZX550	3387(133.4)	2466(97.09)	2394(94)
NX/ZX755	4901(193)	2466(97.09)	2515(99)



EX-Movable Controller



NX/ZX Generator

