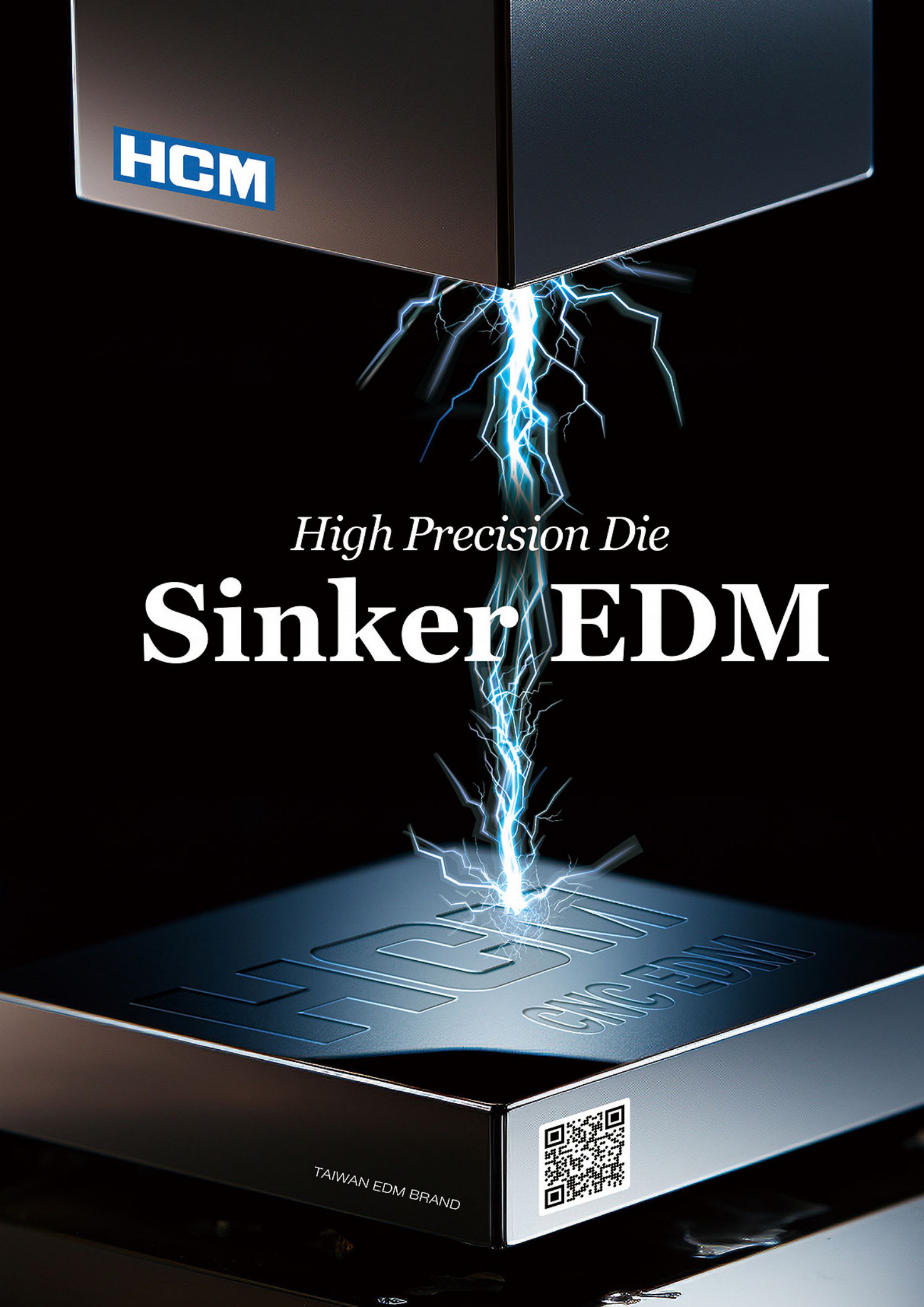

HCM
High Precision Die
Sinker EDM
CNC EDM
TAIWAN EDM BRAND

HCM
CNC EDM

CNC sinker EDM

&

EDM drilling

machines

Index

Specialize in manufacturing
CNC sinker EDM and EDM drilling machines

selling to 30 countries

towards Industry 4.0

research and development team

Company *profile*

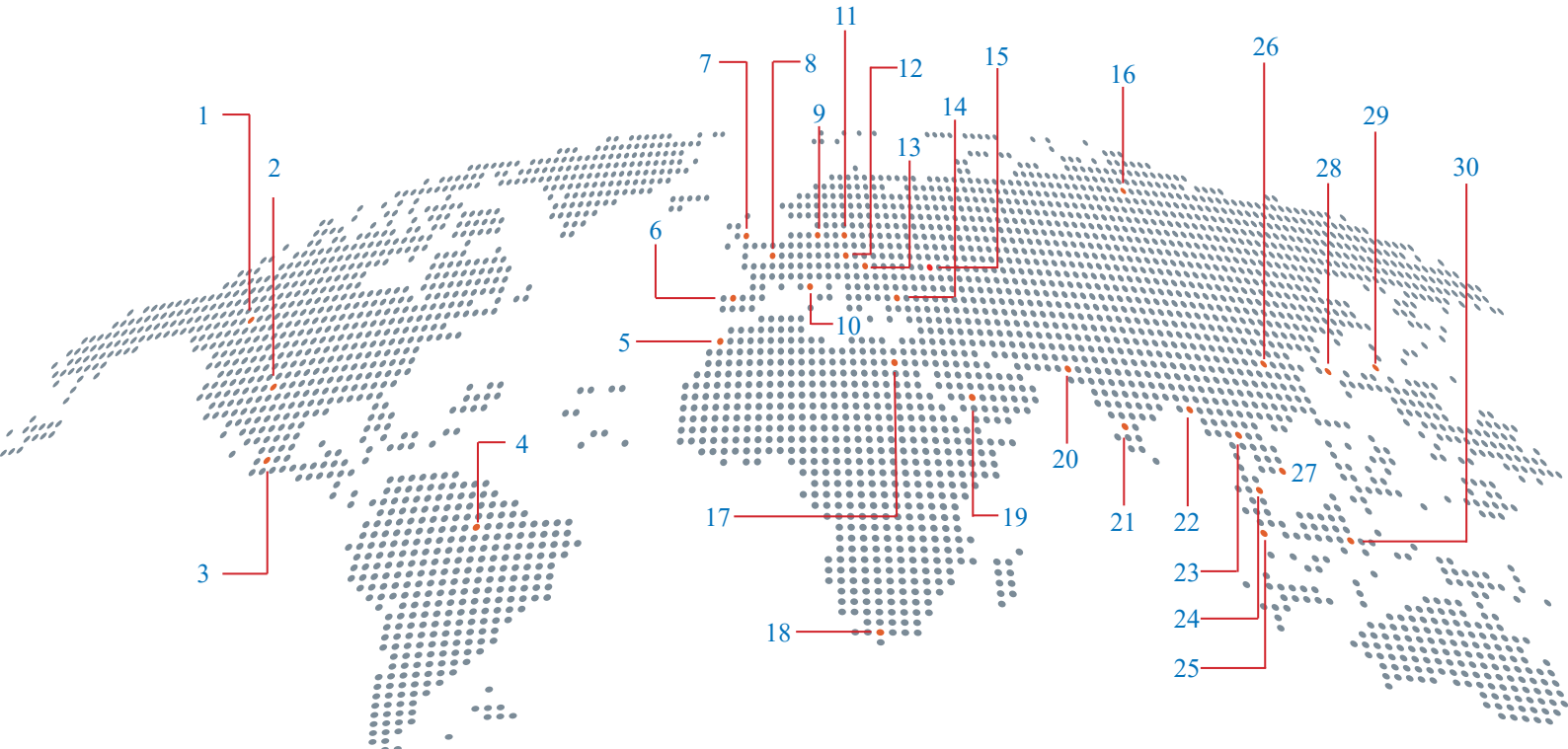
Ho Chen Machinery was founded in 2004 to create the HCM brand, specialize in manufacturing CNC sinker EDM and EDM drilling machines.

HCM has a strong Mechatronics research and development team and continuously innovates products and constantly improve the precision of machines.

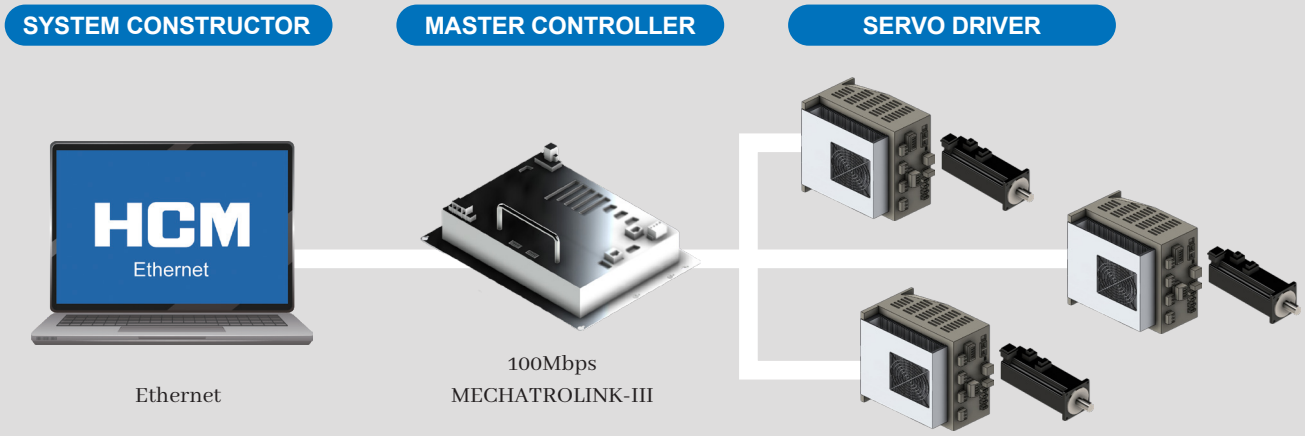
Ho Chen constantly develop new products and has been selling to over 30 different countries to solve customer's production and application technical problems.

HCM develop programs to provide solutions in the field of electrical machining. In recent years, we have been moving towards Industry 4.0 to provide customers with automated production lines and solve issues. HCM adheres to meeting customer requirements, which is the goal of our continuous efforts. Research and Development is our foundation of enterprise .It is HCM's mission and the goal we strive for.

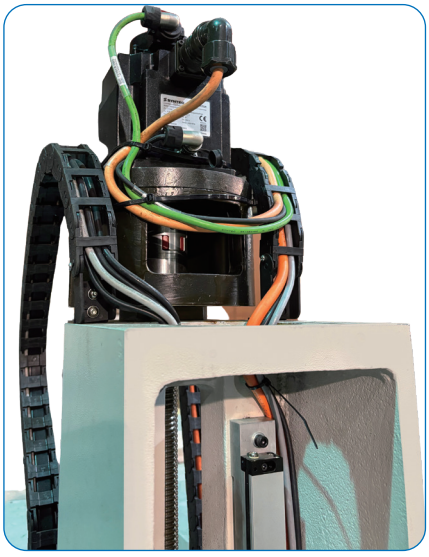
1. Canada
2. USA
3. Mexico
4. Brazil
5. Morocco
6. Spain
7. U.K.
8. France
9. Germany
10. Italy
11. Poland
12. Hungary
13. Slovenia
14. Turkey
15. Ukraine
16. Russia
17. Egypt
18. South Africa
19. Saudi Arabia
20. Pakistan
21. India
22. Myanmar
23. Thailand
24. Malaysia
25. Singapore
26. China
27. Vietnam
28. Korea
29. Japen
30. Indonesia

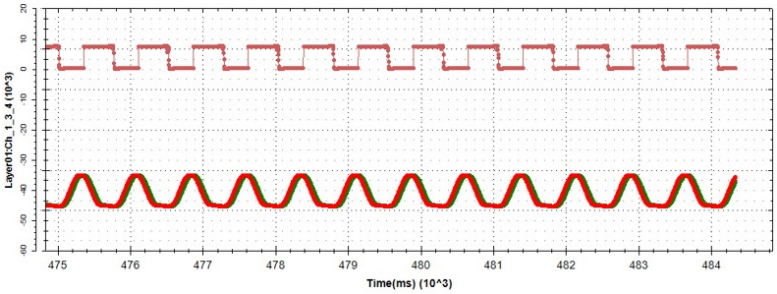


Electronic *control integrated system*



- Adopt Nikon, Bissc , Tamagawa, FeeDat , EnDat , Serial code communication.
- Support high-speed MECHATROLINK-III communication.
- Using Ethernet technology up to 100Mbps.
- High-speed communication, the minimum transmission cycle is 31.25μs.





ADOPTS XILINX FIELD

- Adopts Xilinx Field Programmable Gate Array with Fuzzy Control to increase discharge arc respond speed, effectively lower thin graphite electrode wear and carbon residue.

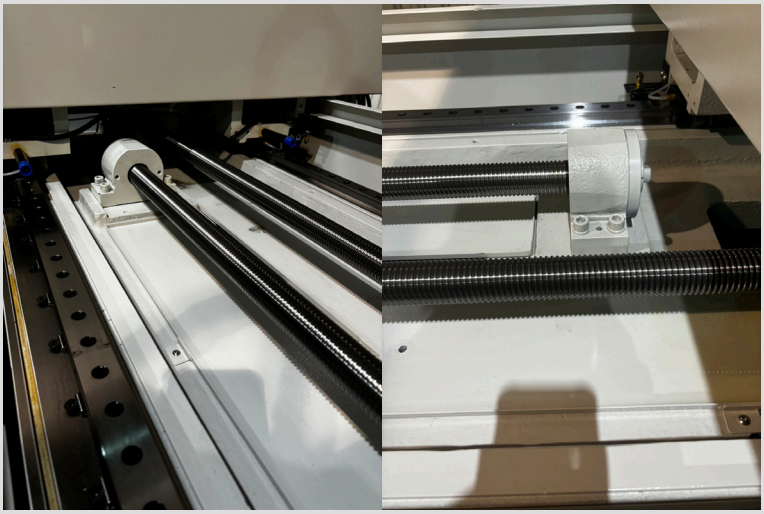
HIGH PRECISION DRIVE

- Adopt new servo technology, increase mechanical responsiveness
- Can suppress interference of highspeed feeding and switch , enhance servo feeding speed

Mechanical *structure*

▲ Adopts more than FC25 casting material, it is a high-rigidity mechanical structure and one-piece mechanical casting.

▼ The ball screw adopts double pre-tensioned precision nut design, the servo motor adopts high-response servo control, and is equipped with an optical scale imported from Europe to achieve reliable accuracy and long-term stability of the machine.



Use Solid Edge 3D software tools to develop and design mechanical structures and solve issues in the product development process, from modeling and design, part creation to component establish and material analysis, to achieve high-quality machinery and equipment.

CNC *specification feature*

1. The system uses Windows CE communication controller, supports high-speed M3 communication, and highly integrated axis control functions for better computing efficiency.
2. Real-time alarm notification, when an alarm occurs, user can immediately identify and address.
3. Integrated axis control functions, can be used with ATC automatic tool change, AB axis and C axis devices.
4. High definition and large screen, user-friendly operation interface, dialogue window advancement of ergonomic technology, making operation easier.
5. Electronic operation manual can instantly solve operational problems and find out the operation methods.
6. Highly scalable interface, Can update software and upgrades through USB.
7. Utilizing a new generation of processing power circuit, customers can adjust electrodes with finer shapes to achieve the best R-angle accuracy.
8. Excellent processing circuit, can process various materials such as NAK80, P20, SKD11, stainless steel and special materials titanium alloy, etc.
9. The pre-processing simulation function can ensure that the processing path is correct, and the processing path can also be monitored in real time through the screen.
10. Close-loop design digital feedback optical scale on three axes of the machine significantly increases positioning accuracy and ORBIT-CUT machining accuracy and efficiency.
11. Orbit function of processing application is shown in graphics selection, and can be selected according to different processing objects, such as radial, circular, square, linear (vector type), taper, and 45° hole enlarging processing. Three-axis beeline, two-axis arc, three-axis helix, single-axis side discharge, three-axis, six directions (plane rotation) for application.
12. Interactive processing screen, multi-hole processing, side processing, automatic edge finding and electrode compensation functions are also equipped with trajectory processing mode applications.
13. Processing conditions have automatic editing, which can generate the best conditions to optimize processing according to the material , area ,processing depth and final current of the single-sided gap.
14. The newly developed microcomputer numerical control super-hard machining circuit can suppress consumption and greatly shorten the processing time, and achieve the best surface roughness.

H5040

H5040C

CNC C *TYPE*

		H3025S	H3025C	H4030	H4030S	H4030C
MACHINES SPECIFICATIONS						
X axis travel	mm (inch)	300 (12")	300 (12")	400 (16")	400 (16")	400 (16")
Y axis travel		250 (10")	250 (10")	300 (12")	300 (12")	300 (12")
Z axis single ram travel (CNC)				350 (14")	350 (14")	350 (14")
Z axis travel (CNC/PNC/ZNC)		150 (6")	150 (6")	185 (7")	185 (7")	185 (7")
Z2 axis travel (CNC/PNC/ ZNC)		200 (8")	200 (8")	250 (10")	250 (10")	250 (10")
Work table		600x300 (24"×12")	600x300 (24"×12")	650x400 (26"×16")	650x400 (26"×16")	650x400 (26"×16")
Max.work piece		800x450x280 (31"×18"×11")	800x450x280 (31"×18"×11")	1000x550x360 (39"×22"×14")	1000x550x360 (39"×22"×14")	1000x550x360 (39"×22"×14")
Max.work piece weight	kgs	800	800	1100	1100	1100
Max Eelectrode weight		100	100	130	130	130
Machine net weight		1000	1250	1550	2050	2200
Oil level adjustment range	mm (inch)	110~250 (4"~10")	110~250 (4"~10")	110~300 (4"~12")	110~300 (4"~12")	110~300 (4"~12")
Table to electrode plate distance				180~530 (7"~21")	180~530 (7"~21")	180~530 (7"~21")
Table to electrode plate with UZ axis		155~505 (6"~20")	155~505 (6"~20")	180~615 (7"~24")	180~615 (7"~24")	180~615 (7"~24")
FILTER SPECIFICATIONS						
Paper Filter		2	2	2	2	2
Capacity	L	350	350	450	450	450

		E30	E50	E75	E100	
POWER SUPPLY SPECIFICATIONS						
Max Machining current		30A	50A	75A	100A	
Metal removal rate	(mm^3/ min)	250	400	600	850	
Power input	KVA	3	4.5	6.5	8	
Min.Electrode wear	%	0.20	0.20	0.20	0.20	
Best surface finishing	Ra	0.25	0.25	0.25	0.25	
N.W.	kgs	200	200	300	330	

H5040S

H7055

		H5040	H5040S	H5040C	H7055
MACHINES SPECIFICATIONS					
X axis travel	mm (inch)	500(20")	500(20")	500(20")	700(28")
Y axis travel		400(16")	400(16")	400(16")	550(22")
Z axis single ram travel (CNC)		400(16")	400(16")	400(16")	
Z axis travel (CNC/PNC/ZNC)		185(7")	185(7")	185(7")	250(10")
Z2 axis travel (CNC/PNC/ZNC)		300(12")	300(12")	300(12")	400(16")
Work table		800x450 (31"×18")	800x450 (31"×18")	800x450 (31"×18")	1200x550 (47"×22")
Max.work piece		1250x650x390 (49"x26"x15")	1250x650x390 (49"x26"x15")	1250x650x390 (49"x26"x15")	1700x1000x550 (67"x39"x22")
Max.work piece weight	kgs	1400	1400	1400	2200
Max.electrode weight		185	185	185	200
Machine net weight		1850	2350	2500	3250
Oil level adjustment range	mm (inch)	110~360 (4"~14")	110~360 (4"~14")	110~360 (4"~14")	110~530 (4"~21")
Table to electrode plate distance		230~630 (9"~25")	230~630 (9"~25")	230~630 (9"~25")	250~800 (10"~31")
Table to electrode plate with UZ axis		230~715 (9"~28")	230~715 (9"~28")	230~715 (9"~28")	250~800 (10"~31")
FILTER SPECIFICATIONS					
Paper Filter		2	2	2	4
Capacity	L	500	550	550	1150

Specialize in manufacturing

CNC sinker EDM and EDM drilling machines

CNC & PNC

RAM TYPE

HC5040

			HC4030	HC5040	HC6045	HC7050	HC8060	HC1060	HC1270
MACHINES SPECIFICATIONS									
X axis travel		mm (inch)	400 (16")	500 (20")	600 (24")	700 (28")	800 (31")	1000 (39")	1200 (47")
Y axis travel			300 (12")	400 (16")	450 (18")	500 (20")	600 (24")	600 (24")	700 (28")
Z axis travel			350 (14")	350 (14")	400 (16")	400 (16")	500 (20")	500 (20")	500 (20")
Work table			600x400 (24"x16")	900x500 (35"×20")	900x500 (35"x20")	1000x600 (39"×24")	1200x700 (47"×28")	1250x750 (49"×30")	1400x850 (55"×33")
Max.work piece	L		700	1300	1500	1700	1800	2000	2240
	w		550	870	970	1100	1150	1150	1300
	H		400	520	520	600	600	625	625
	inch		(28"x22"x16")	(51"×34"×20")	(59"×38"×20")	(67"×43"×24")	(71"×45"×24")	(79"×45"×25")	(88"×51"×25")
Max.work piece weight		kgs	1100	2500	3000	3000	4000	4500	5000
Max.electrode weight			150	200	250	350	350	350	400
Machine net weight			2600	3000	3100	3750	4000	4120	5650
Oil level adjustment range			110-360 (4"x14")	110~450 (4"~18")	110~450 (4"~18")	110~450 (4"~18")	110~450 (4"~18")	110~450 (4"~18")	110~450 (4"~18")
Table to electrode plate distance		mm (inch)	320x670 (13"x26")	400~750 (16"~30")	400~800 (16"~31")	490~890 (19"~35")	430~930 (17"~37")	430~930 (17"~37")	510~1010 (20"~40")
FILTER SPECIFICATIONS									
Paper Filter			2	4	4	4	4	4	4
Capacity		L	500	780	1000	1500	1650	1900	2350

HC7050

HC1270

HC1470S	HC1470	HC1670S	HC1685	HC1870S	HC1885	HC2085	HC2685	HC3010
MACHINES SPECIFICATIONS								
1400 (55")	1400 (55")	1600 (63")	1600 (63")	1800 (71")	1800 (71")	2000 (79")	2500 (98")	3000 (118")
700 (28")	700 (28") 1000 (39")	700 (28")	850 (33") 1000 (39")	700 (28")	850 (33") 1000 (39")	850 (33") 1000 (39")	850 (33") 1000 (39")	850 (33") 1000 (39")
500 (20")	600 (24")	500 (20")	600 (24")	500 (20")	600 (24")	600 (24")	600 (24")	600 (24")
1400x850 (55"x33")	1850x1100 (73"x43")	1850x850 (73"x33")	1850x1100 (73"x43")	1850x850 (73"x33")	1850x1100 (73"x43")	1850x1100 (73"x43")	2450x1100 (96"x43")	3100x1100 (122"x43")
2300	2420	2600	2600	2800	2850	3100	3500	4100
1400	1550	1400	1700	1400	1700	1700	1700	1700
700	800	700	800	700	800	800	800	800
(91"x55"x28")	(95"x61"x31")	(102"x55"x28")	(102"x67"x31")	(110"x55"x28")	(112"x67"x31")	(122"x67"x31")	(138"x67"x31")	(161"x67"x31")
5500	6300	5600	6500	5800	6800	8800	10000	16000
400	500	400	500	400	500	500	500	500
5780	9500	6450	9700	6700	9850	10000	12340	15840
110~550 (4"~22")	110~650 (4"~26")	110~550 (4"~22")	110~650 (4"~26")	110~550 (4"~22")	110~650 (4"~26")	110~650 (4"~26")	110~650 (4"~26")	110~650 (4"~26")
510~1010 (20"~40")	800~1400 (31"~55")	700~1200 (28"~47")	800~1400 (31"~55")	700~1200 (28"~47")	800~1400 (31"~55")	800~1400 (31"~55")	800~1400 (31"~55")	800~1400 (31"~55")
FILTER SPECIFICATIONS								
4	4	4	4	4	4	4	4	4
2900	3890	3200	4500	3400	4900	5300	5970	6900

CNC

RAM TYPE

2HC

2HC1470S

		2HC1470S	2HC1685	2HC1885
MACHINES SPECIFICATIONS				
X axis double ram travel (single movement/double movement)	mm (inch)	1125/560 (44"/22")	900/450 (35"/18")	1100/550 (43"/22")
Y axis travel		700(28")	850(33") 1000(39")	850(33") 1000(39")
Z axis travel		500(20")	600(24")	600(24")
Work table		1850x850 (73"x33")	1850x1100 (73"x43")	1850x1100 (73"x43")
Max.work piece		2800x1400x700 (110"x55"x28")	2600x1700x800 (102"x67"x31")	2850x1700x800 (112"x67"x31")
Max.work piece weight		5800	6500	6800
Max electrode weight		400	500	500
Machine net weight	kgs	7880	11600	11800
Oil level adjustment range		110~550 (4"~22")	110~650 (4"~26")	110~650 (4"~26")
Table to electrode plate distance		700~1200 (28"~47")	800~1400 (31"~55")	800~1400 (31"~55")
FILTER SPECIFICATIONS				
Paper Filter		8	8	8
Capacity	L	3400	4700	5100

		E75	E100
POWER SUPPLY SPECIFICATIONS			
Max Machining current		75A	100A
metel removal rate	(mm^3/min)	600	850
Power input	KVA	6.5	8
Min. electrode wear	%	0.20	0.20
Best surface finishing	Ra	0.25	0.25
N.W.	kgs	300	330

2HC1685

2HC3013

2HC2085	2HC3010	2HC3010B	2HC3013
MACHINES SPECIFICATIONS			
1800/900 (71"/35")	2550(100") 1275(50")	2550(100") 1275(50")	2550(100") 1275(50")
850(33") 1000(39")	850(33") 1000(39")	850(33") 1300(51")	850(33") 1300(51")
600(24")	600(24")	600(24") 1000(39")	600(24") 1000(39")
2450x1100 (96"x43")	3100x1100 (122"x43")	3100x1200 (122"x47")	3100x1600 (122"x63"")
3500x1700x800 (138"x67"x31")	4100x1700x800 (161"x67"x31")	4100x1700x1000 (161"x67"x39")	4100x2050x1250 (161"x81"x49")
10000	16000	19000	22000
500	500	500	500
14000	18000	22050	25130
110~650 (4"~26")	110~650 (4"~26")	110~850 (4"~33")	110~1000 (4"~39")
800~1400 (31"~55")	800~1400 (31"~55")	995~1595 (39"~63")	600mm Z axis travel 1138~1738 (45"~68")
			1000mm Z axis travel 740~1740 (29"~69")
FILTER SPECIFICATIONS			
8	8	8	8
6100	7300	8800	11300

E150	E200
POWER SUPPLY SPECIFICATIONS	
150A	200A
1250	1600
16	22
0.20	0.20
0.25	0.25
450	480

RX *specification*

RX4030

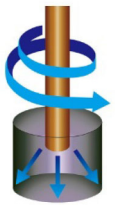
RX6040

		RX4030	RX6040
MACHINES SPECIFICATIONS			
X axis travel	mm (inch)	400 (16")	600 (24")
Y axis travel		300 (12")	450 (18")
Z axis travel		350 (14")	400 (16")
Work table		600x400 (24"x16")	900X500 (35"x20")
Max.work piece		800x550x400 (31"x22"x16")	1100X700x400 (43"x28"x16")
Max.work piece weight	kgs	1100	2000
Max.electrode weight		150	250
Machine net weight		4200	4500
Oil level adjustment range	mm (inch)	110~330 (4"~13")	110~380 (4"~15")
Table to electrode plate distance		320~670 (13"~26")	415~815 (16"~32")
FILTER SPECIFICATIONS			
Paper Filter		2	4
Capacity	L	1000	1400

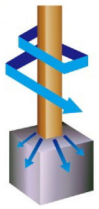
		E30	E50	E75	E100	E150	E200
POWER SUPPLY SPECIFICATIONS							
Max Machining current		30A	50A	75A	100A	150A	200A
Metel removal rate	(mm^3/min)	250	400	600	850	1250	1600
Power input	KVA	3	4.5	6.5	8	16	22
Min.Electrode wear	%	0.20	0.20	0.20	0.20	0.20	0.20
Best surface finishing	Ra	0.25	0.25	0.25	0.25	0.25	0.25
N.W.	kgs	200	200	300	330	450	480

OB
Function Introduction

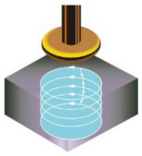
1 3D Round pillar



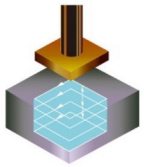
2 3D Square pillar



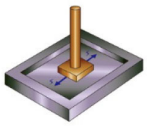
3 2D Circle orbit



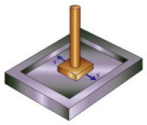
4 2D Square orbit



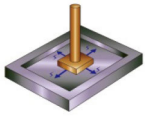
5 2D X axis straight line expansion



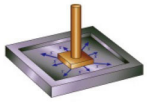
6 2D Y axis straight line expansion



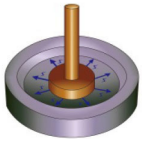
7 Four direction straight line expansion



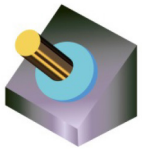
8 Eight direction straight line 45 angle degree expansion



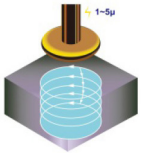
9 Round any angle straight line indexing orbit



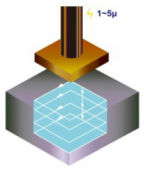
10 3D any angle point to point



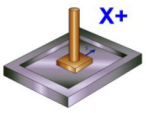
11 2D Circle orbit (1-5μ)



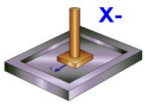
12 2D Square orbit (1-5μ)



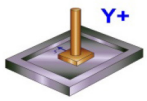
13 2D straight line expansion X+



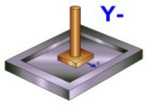
14 2D straight line expansion X-



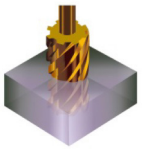
15 2D straight line expansion Y+



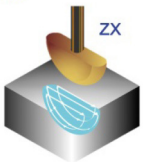
16 2D straight line expansion Y-



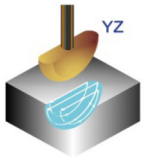
17 C-Axis any pitch ZC spiral machining



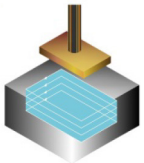
18 ZX any angle arc orbit



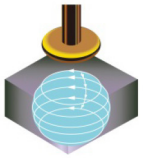
19 ZY any angle arc orbit



20 2D Rectangle any size orbit

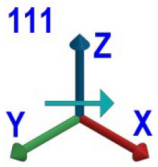


21 3D gradient sphere orbit

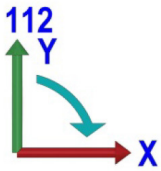


Trace *mode*

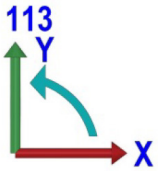
Absolute three axis straight trace move



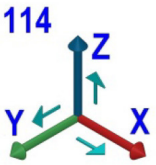
Absolute clockwise arc trace move



Absolute counterclockwise arc trace move

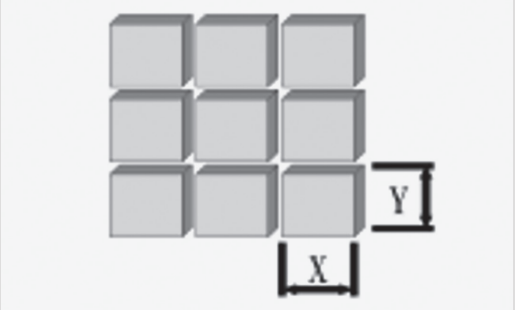


Absolute straight line multiple route trace move

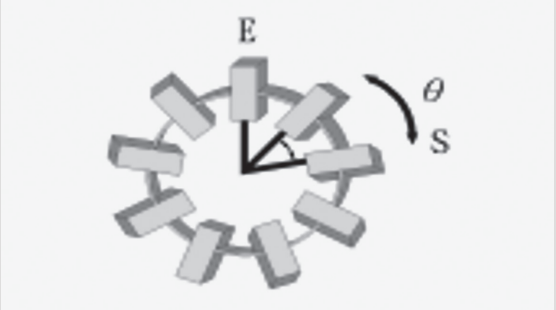


Matrix *function*

Array-square



Array-circle



PNC *specification feature*

1. The system uses Windows CE communication controller, supports high-speed M3 communication, and highly integrated axis control functions for better computing efficiency.
2. Real-time alarm notification, when an alarm occurs, user can immediately identify and address.
3. Close-loop design digital feedback optical scale on three axes of the machine significantly increases positioning accuracy machining accuracy and efficiency.
4. High definition and large screen, user-friendly operation interface, dialogue window advancement of ergonomic technology, making operation easier.
5. Electronic operation manual can instantly solve operational problems and find out the operation methods.
6. Highly scalable interface, Can update software and upgrades through USB
7. Interactive processing screen, multi-hole processing, side processing, automatic edge finding and electrode compensation functions.
8. Processing conditions have automatic editing, which can generate the best conditions to optimize processing according to the material , processing depth and final current of the single-sided gap.
9. The pre-processing simulation function can ensure that the processing path is correct
10. Utilizing a new generation of processing power circuit, customers can adjust electrodes with finer shapes to achieve the best R-angle accuracy.
11. The newly developed microcomputer numerical control super-hard machining circuit can suppress consumption and greatly shorten the processing time, and achieve the best surface roughness.
12. Excellent processing circuit, can process various materials such as NAK80, P20, SKD11, stainless steel and special materials titanium alloy, etc.

ZNC *specification feature*

1. The system adopts Windows CE communication controller.
2. Real-time alarm notification, when an alarm occurs, user can immediately identify and address.
3. All three axes adopt 1μm optical scale feedback loop design, so the positioning accuracy and efficiency can be greatly improved.
4. Highly scalable interface, Can update software and upgrades through USB.
5. Processing conditions have automatic editing, which can generate the best conditions to optimize processing according to the material, area ,processing depth and final current of the single-sided gap.
6. Utilizing a new generation of processing power circuit, customers can adjust electrodes with finer shapes to achieve the best R-angle accuracy.
7. The newly developed microcomputer numerical control super-hard machining circuit can suppress consumption and greatly shorten the processing time, and achieve the best surface roughness.
8. Excellent processing circuit, can process various materials such as NAK80, P20, SKD11, stainless steel and special materials titanium alloy, etc.

ZNC

Specification available for PNC ZNC CNC

H3025C

		H3025S	H3025C	H4030	H4030S
MACHINES SPECIFICATIONS					
X axis travel	mm (inch)	300 (12")	300 (12")	400 (16")	400 (16")
Y axis travel		250 (10")	250 (10")	300 (12")	300 (12")
Z axis single ram travel				350 (14")	350 (14")
Z axis travel		150 (6")	150 (6")	185 (7")	185 (7")
Z2 axis travel		200 (8")	200 (8")	250 (10")	250 (10")
Work table		600x300 (24"×12")	600x300 (24"×12")	650x400 (26"×16")	650x400 (26"×16")
Max.work piece		800x450x280 (31"×18"×11")	800x450x280 (31"×18"×11")	1000x550x360 (39"×22"×14")	1000x550x360 (39"×22"×14")
Max.work piece weight	kgs	800	800	1100	1100
Max.electrode weight		100	100	130	130
Machine net weight		1000	1250	1550	2050
Oil level adjustment range	mm (inch)	110~250 (4"~10")	110~250 (4"~10")	110~300 (4"~12")	110~300 (4"~12")
Table to electrode plate distance				180~530 (7"~21")	180~530 (7"~21")
Table to electrode plate with UZ axis		155~505 (6"~20")	155~505 (6"~20")	180~615 (7"~24")	180~615 (7"~24")
FILTER SPECIFICATIONS					
Paper Filter		2	2	2	2
Capacity	L	350	350	450	450

		E30	E50	E75	E100
MACHINES SPECIFICATIONS					
Max Machining current		30A	50A	75A	100A
Metel removal rate	(mm^3/min)	250	400	600	850
Power input	kva	3	4.5	6.5	8
Min.Electrode wear		0.20%	0.20%	0.20%	0.20%
Best surface finishing	Ra	0.25	0.25	0.25	0.25
N.W.	kgs	200	200	300	330

H3025S

H4030

H4030C	H5040	H5040S	H5040C	H7055
MACHINES SPECIFICATIONS				
400 (16")	500 (20")	500 (20")	500 (20")	700 (28")
300 (12")	400 (16")	400 (16")	400 (16")	550 (22")
350 (14")	400 (16")	400 (16")	400 (16")	
185 (7")	185 (7")	185 (7")	185 (7")	250 (10")
250 (10")	300 (12")	300 (12")	300 (12")	400 (16")
650x400 (26"×16")	800x450 (31"×18")	800x450 (31"×18")	800x450 (31"×18")	1200x550 (47"×22")
1000x550x360 (39"×22"×14")	1250x650x390 (49"x26"x15")	1250x650x390 (49"x26"x15")	1250x650x390 (49"x26"x15")	1700x1000x550 (67"x39"x22")
1100	1400	1400	1400	2200
130	185	185	185	200
2200	1850	2350	2500	3250
110~300 (4"~12")	110~360 (4"~14")	110~360 (4"~14")	110~360 (4"~14")	110~530 (4"~21")
180~530 (7"~21")	230~630 (9"~25")	230~630 (9"~25")	230~630 (9"~25")	250~800 (10"~31")
180~615 (7"~24")	230~715 (9"~28")	230~715 (9"~28")	230~715 (9"~28")	250~800 (10"~31")
FILTER SPECIFICATIONS				
2	2	2	2	4
450	500	550	550	1150

Optional *accessories*

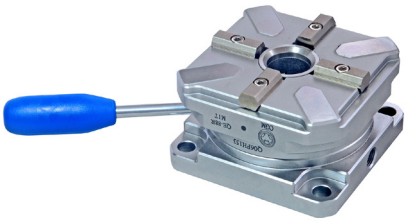
3R C axis

Erowa C axis

Edge finder

Electrode head translation device and extend rod

3R EROWA CGM Manual chuck



Pneumatic chuck

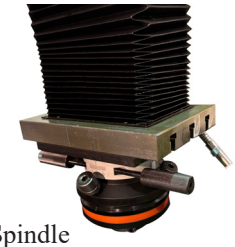
Electrode chuck type 75 & 100

Oil cooler

Oil mist recovery machine

External electrode head below C axis

Spindle Tgroove

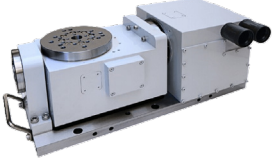


Automatic tool changing storage system 120 tool magazine

Automatic fire extinguisher

Permanent magnetic chuck

Horizontalvertical Index plate / AB axis

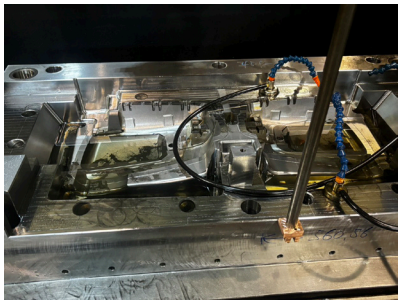


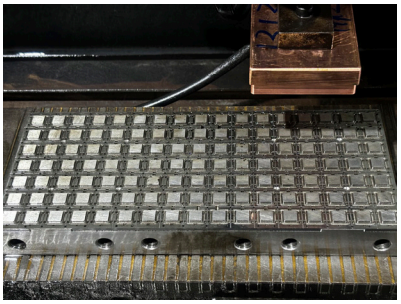
3R EROWA CGM linear ATC 4 / 5 / 6

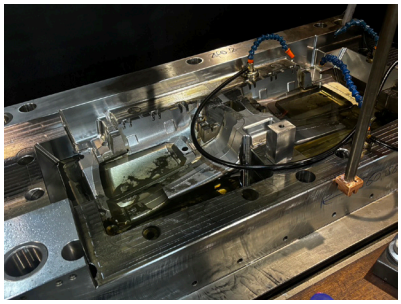
Disc type ATC 12 / 16 / 20

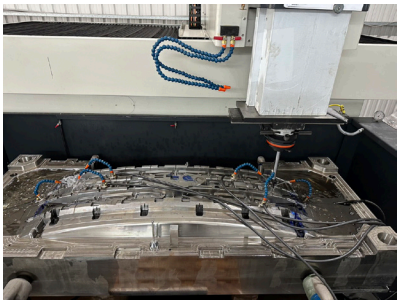
	CNC RAM	CNC C TYPE	PNC	ZNC
STANDARD ACCESSORIES				
Toolbox	●	●	●	●
X.Y.Z 1μ Optical scale	●	●	●	●
X.Y.Z AC Servo motor	●	●	●	
Z AC Servo motor				●
15"Lcd screen	●	●	●	●
Clamp plate	●	●	●	●
Level pad	●	●	●	●
Patented electrode chuck	●	●	●	●
Oil filter	●	●	●	●
Drill chuck	●	●	●	●
Remote controler (with M.P.G)	●	●		
Remote controler			●	●
Alcohol fire extinguisher	●	●	●	●
Flushing unit	●	●	●	●
Halogen work lamp	●	●	●	●
Manual lubricator			●	●
Automatic lubricator	●	●		
Oil pump	●	●	●	●
SPECIAL OPTIONAL				
Permanent magnetic chuck	●	●	●	●
Oil cooler	●	●	●	●
Extra hard workpiece machining circuit	●	●	●	●
3R/EROWA/CGM disc type ATC 12/16/20	●			
3R/EROWA/CGM linear ATC4/5/6	●	●		
3R/EROWA/CGM disc type ATC 12	●	●		
3R/EROWA/HIWIN C Axis	●	●		
Automatic tool changing storage system 120 tool magazine	●			
Electrode chuck type 75&100	●	●	●	●
Automatic fire extinguisher	●	●	●	●
3R/EROWA /CGM Pneumatic chuck	●	●	●	●
3R/EROWA /CGM Manual chuck	●	●	●	●
Oil mist recovery machine	●	●	●	●
Horizontal/vertical Index plate / AB axis	●	●		
Edge finder	●	●	●	●
Decoration Spindle LED light	●	●		
Automatic front door lift	●			
Electrode head translation device /Electrode head extension rod	●	●	●	●
Spindle T-groove	●	●	●	●
Control panel crystal buttons	●	●	●	●
Touchscreen	●	●	●	●
External electrode head below C-axis	●	●		

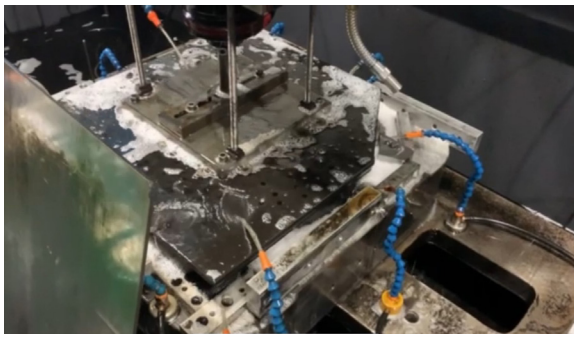
Actual
processing cases

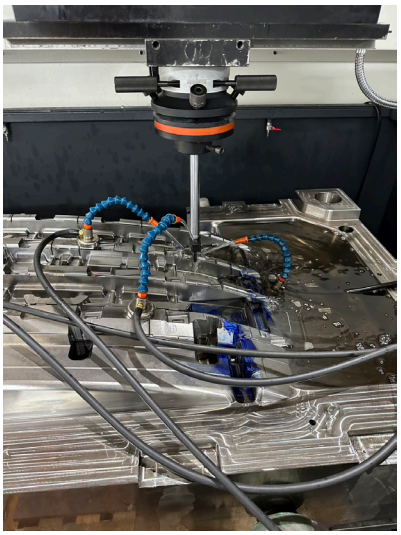


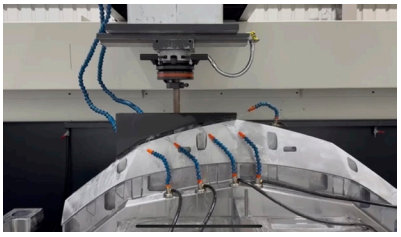








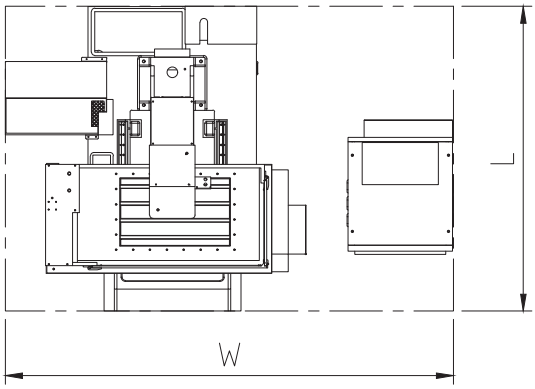


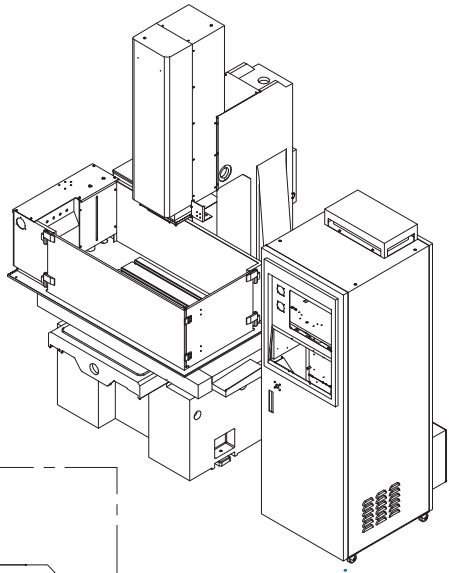


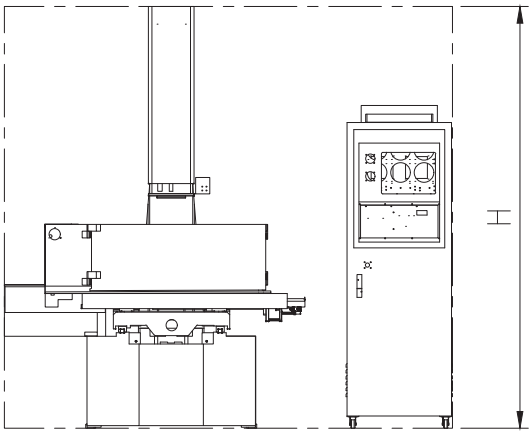
Exhibition *highlights*

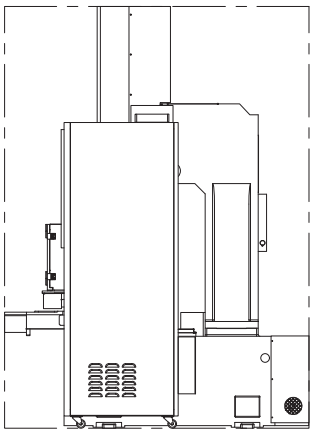
Shipping *picture*

FLOOR PLAN



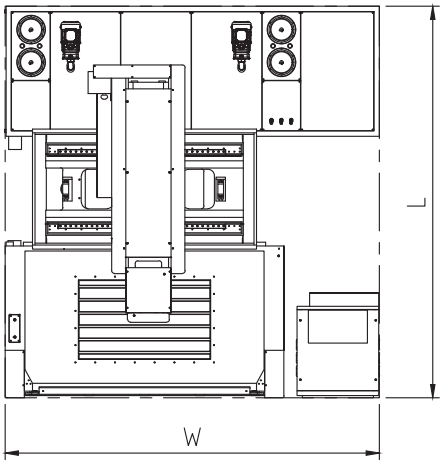


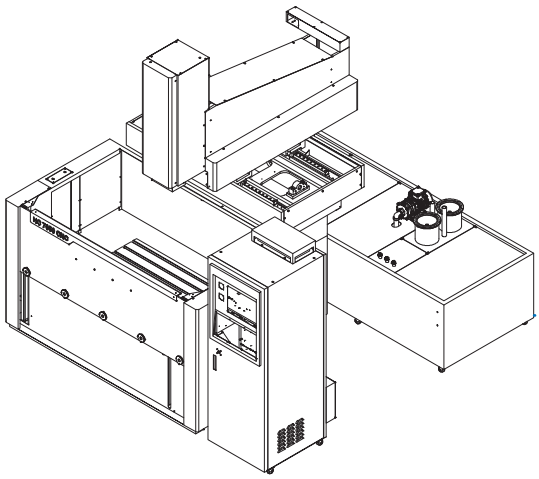


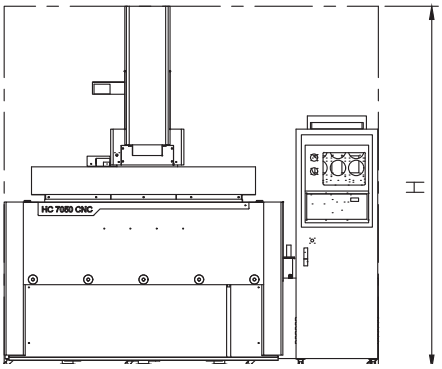


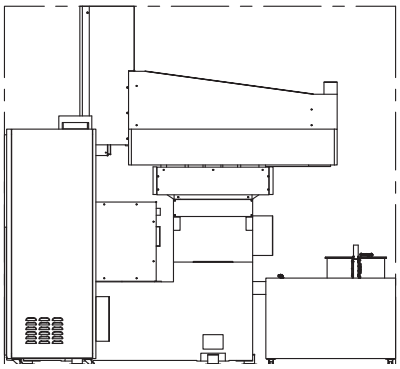
C *type*

MODEL	W	L	TYPE		H
	(mm/inh)	(mm/inh)	Z double travel	Z single travel	(mm/inh)
H3025C	1854 (72.9)	1814 (71.4)	●		2147 (84.5)
H3025S	2144 (84.4)	1610 (63.3)	●		2147 (84.5)
H4030C	1920 (75.5)	2029 (79.8)		●	2484 (97.8)
			●		2250 (88.5)
H4030S	2655 (104.5)	1806 (71.1)		●	2502 (98.4)
			●		2273 (89.4)
H4030	3112 (122.5)	1556 (61.2)		●	2493 (98.1)
			●		2264 (89.1)
H5040C	2209 (87)	2153 (84.7)		●	2678 (105.4)
			●		2424 (95.4)
H5040S	2911 (114.6)	2053 (80.8)		●	2672 (105.1)
			●		2423 (95.3)
H5040	3421 (134.7)	1730 (68.1)		●	2602 (102.4)
			●		2353 (92.6)
H7055	3675(144.6)	2818(110.9)	●		2851(112.2)









RAM *type*

MODEL	W (mm/inh)	L (mm/inh)	H (mm/inh)
HC5040	2534 (99.8)	2529 (99.5)	2659 (104.6)
HC6045	2637 (103.8)	2628 (103.4)	2619 (103.1)
HC7050	2837 (111.6)	2967 (166.8)	2743 (108)
HC8060	2937 (115.6)	3250 (127.9)	2838 (111.7)
HC1060	3137 (123.5)	3335 (131.3)	2838 (111.7)
HC1270	3400 (133.8)	3360 (132.2)	3104 (122.2)
HC1470S	4064 (160)	3330 (131.1)	3090 (121.6)
HC1470	4152 (163.5)	4243 (167)	3830 (150.7)
HC1670S	4304 (169.4)	3330 (131.1)	3090 (121.6)
HC1685	4364 (171.8)	4343 (171)	3830 (150.7)
HC1870S	4284 (168.7)	3450 (135.8)	3090 (121.6)
HC1885	4633 (182.4)	4383 (172.6)	3830 (150.7)

MODEL	W (mm/inh)	L (mm/inh)	H (mm/inh)
HC2085	5043 (198.5)	4383 (172.6)	3830 (150.7)
HC2685	5451 (214.6)	4385 (172.6)	3830 (150.7)
HC3010	5610 (220.8)	5256 (206.9)	3830 (150.7)
2HC1470S	5034 (198.2)	3630 (142.9)	3090 (121.6)
2HC1685	5035 (198.2)	4523 (178)	3830 (150.7)
2HC1885	5444 (214.4)	4523 (178)	3830 (150.7)
2HC2085	6110 (240.5)	4885 (192)	3830 (150.7)
2HC2610	5920 (233)	5437 (214.1)	3830 (150.7)
2HC3010	6380 (251.1)	5436 (225.9)	3830 (150.7)
2HC3010B	6140 (241.7)	5737 (255.9)	4230 (166.5)
2HC3013	6080 (239.3)	5737 (255.9)	4600 (181.1)


The best solution for electrical machining
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