

Profitability Just Around the Corner

CNC for Wire EDM
Drill EDM
Engraving
High Speed Milling



- Become a Successful Company with Our EDM and High Speed Milling Machines
- The Easy Way to Lower Operational Costs and to Increase Sales
- With Our Machines You Can Afford to Make Money
- Flexibility for Metal Working Job Shops

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The concept of molybdenum wire EDM machines originates from China and Suzhou is the home of the most acknowledged producers of this type of EDM machinery.

Proline-EDM is a wholly-foreign-owned-enterprise (WFOE) in Suzhou, China founded in 2013 by 2 Swedish entrepreneurs that have been working in China since 2005.

Become a Successful Company with Our EDM and High Speed Milling Machines

- Low initial capital cost. The investment cost for Wire EDM is less than 10,000 USD and for High Speed Milling E-Model it is less than 40,000 USD.
- Low consumable costs. The Wire EDM operates with reusable molybdenum wire that can replace most work of brass Wire EDM.

The Easy Way to Lower Operational Costs and to Increase Sales

- Easy to install and maintain, simple construction
- Easy to operate
- Reliable performance

Manufactured according industry standards
Key components from Taiwan and Japan
Assembled in China.

With Our Machines You Can Afford to Make Money

Having a shorter lead time than competitors is a significant commercial advantage. With our concept you can afford to keep excess capacity and you can offer a “rush” service at a premium price. You can make money out of people in a rush.

Flexibility for Metal Working Job Shops



Wire EDM Samples



Shoe Mold



Car Lighting Mold



Glasses Mold

What Do You Get with This Wire EDM Concept?

- You can cut for 40 h with wire bought for USD 10
These machines operate with reusable molybdenum wire instead of brass wire that is consumed during the cutting.
- Cutting Capacity 180 mm²/min
- Best Roughness 1.0μm

The cost for purchasing maintaining and running molybdenum Wire EDM Machines is a fraction compared with brass wire type.

How Much Is It Worth Getting Your Hands Dirty?

If you do not know about the re-usable molybdenum wire machining concept before, you need spend some time to be familiar with it.

We offer 3 product lines of Wire EDM to fit any budget

- **Premium Wire EDM** **P- and XP-Models**
- **Multi Cut Wire EDM** **M-Model**
- **Basic Wire EDM** **B-Model**

Do You Need a Small Hole?

Drill EDM is an extremely cost efficient method for producing small accurate holes in all sorts of conductive material whether hard or soft.

- **Drill EDM** **D-Model**

Are You Looking for

- Improving accuracy and finish
- Reducing polishing and fitting time
- Produce more work in less time

High Speed Milling (HSM) is machining done at reduced depths of cut, but at substantially higher feed rates.

Overall effect – faster machining, better finishes and less expensive, high quality parts.

We offer 2 product lines

- **CNC Engraving Machine** **E-Model**
Entry-level priced and sturdy machine.
1.5 kW spindle up to 24000 rpm.
- **CNC Milling Machine** **HSM-Model**
Gantry construction with high stiffness and width 1080 mm.
Motor power alternatives 7.5/11 kW.

Premium Wire EDM , P - and XP – Model

Reliable repeatability this machine is built to last

A rigid machine design with state of the art precision and control functions
Our Premium offer comes in 2 alternatives both with excellent accuracy.

■ P Step Motor XP Servo Motor Drive

Why Choose P-or XP-Model Wire EDM?

- Excellent machining accuracy and durability due to rigidity and strength of the body.
- High cutting speed with precise positioning accuracy.
The servo system provides a stable movement of the table and is linked up with precision linear guide ways and ball screws.
- The search function of mechanical origin enables transmission screw pitch compensation.
This will greatly improve the positioning accuracy, especially in XP Servo control system.
- Tight Tolerances and Excellent Surface Finish.
The wire path is controlled by a CNC computer-generated program with part accuracies up to ±0.003mm.

Application

P - and XP – Model are widely used to machine various molds and metal parts with high precision.
Industry segment: electronic, automotive, medical.



Wire EDM Premium Product Line P		P320x400x250	P400x500x250	P500x630x350	P630x800
X,Y,Z travel	mm	320x400x250	400x500x250	500x630x350	630x800x350
Cutting Angle	°/mm	±3/80	±3/80	±3/80	±3/80
Table size	mm	435x650	520x800	660x880	780x1010
Max w/p weight	kg	500	600	1000	3000
Cutting Capacity	mm²/min	180	180	180	180
Best Roughness	Ra µm	≤1. 0	≤1. 0	≤1. 0	≤1. 0
Wire Diameter	mm	φ 0.12-0.25	φ 0.12-0.25	φ 0.12-0.25	φ 0.12-0.25
Accuracy	Octagon ±mm	0.006	0.006	0.006	0.006
	Taper ±mm	0.015	0.015	0.015	0.015
Max. Current	A	7	7	7	7
Software		KG XP	KG XP	KG XP	KG XP
Control axis		X,Y,U,V	X,Y,U,V	X,Y,U,V	X,Y,U,V
Z axis		motor driven	motor driven	motor driven	motor driven
Dielectric Fluid		Water based liquid	Water based liquid	Water based liquid	Water based liquid
Tank capacity	L	60	60	60	60
Filter		particle filter ≤5 µ	particle filter ≤5 µ	particle filter ≤5 µ	particle filter ≤5 µ
Power	kw	<2	<2	<2	<2
Voltage	V	3 phase 380/50Hz or 220/60Hz or 415/50Hz	3 phase 380/50Hz or 220/60Hz or 415/50Hz	3 phase 380/50Hz or 220/60Hz or 415/50Hz	3 phase 380/50Hz or 220/60Hz or 415/50Hz
Machine Dimensions	mm	1600x1160x2000	1900x1460x2000	2000x1600x2200	2600x1800x2200
Weight	kg	2000	2600	3600	4200

Wire EDM Premium Product Line XP		XP320X400X250	XP400X500X250	XP500X630X300	XP630X800X300
X,Y,Z travel	mm	320x400x250	400x500x250	500x630x300	630x800x300
Cutting Angle	°/mm	±3/80	±3/80	±3/80	±3/80
Table size	mm	435x650	520x800	660x880	780x1010
Max w/p weight	kg	500	600	1000	3000
Cutting Capacity	mm²/min	180	180	180	180
Best Roughness	Ra µm	≤1. 0	≤1. 0	≤1. 0	≤1. 0
Wire Diameter	mm	φ 0.12-0.25	φ 0.12-0.25	φ 0.12-0.25	φ 0.12-0.25
Accuracy	Octagon ±mm	0.003	0.003	0.003	0.003
	Taper ±mm	0.01	0.01	0.01	0.01
Max. Current	A	7	7	7	7
Software		KG XP	KG XP	KG XP	KG XP
Control axis		X,Y,U,V	X,Y,U,V	X,Y,U,V	X,Y,U,V
Z axis		motor driven	motor driven	motor driven	motor driven
Dielectric Fluid		Water based liquid	Water based liquid	Water based liquid	Water based liquid
Tank capacity	L	60	60	60	60
Filter	Type	particle filter ≤5 µ	particle filter ≤5 µ	particle filter ≤5 µ	particle filter ≤5 µ
Power	kw	<2	<2	<2	<2
Voltage	V	3 phase 380/50Hz or 220/60Hz or 415/50Hz	3 phase 380/50Hz or 220/60Hz or 415/50Hz	3 phase 380/50Hz or 220/60Hz or 415/50Hz	3 phase 380/50Hz or 220/60Hz or 415/50Hz
Machine Dimensions	mm	1600x1160x2000	1900x1460x2000	2000x1600x2200	2600x1800x2200
Weight	kg	2000	2600	3600	4200

specifications and designs are subject to change without notice.

Multi Cut Wire EDM, M - Model

Very popular model due to the balance between precision, durability and cost.

With the M-model Wire EDM the average running cost is significantly reduced without compromising machining accuracy and surface finish.

Why Choose M-Model Wire EDM?

- Productivity -Advanced pulse supply technology to optimize cutting speed and surface finish according to the conductivity and melting properties of the material.
- The Control system can perform multi cutting .
- Ease of operation, Intelligent Database.
- High taper angles up to 30 ° as option.The ability to taper the finished product is very useful when creating stamping dies and extrusion molds.

Application

M - Model is a new generation of Wire EDM machines which are widely used to machine molds, automobile parts and electronic instrument.



A rough cut finish is better than most mill cut finishes.
Multi cut finish Ra1. 5 μ m

Wire EDM Multi Cut Product Line		M250X320	M320X400	M350X450	M400X500	M450X550	M500X630
X,Y,Z travel	mm	250x320x300	320x400x500	350x450x500	400x500x500	450x550x500	500x630 x500
Cutting Angle	°/mm	±3/80	±3/100	±3/100	±3/100	±3/100	±3/100
Table size	mm	380x525	415x635	465x685	500x785	550x830	600x900
Max w/p weight	kg	300	500	500	600	600	1000
Cutting Capacity	mm²/min	160	160	160	160	160	160
Best Roughness	Ra μm	1. 0	1. 0	1. 0	1. 0	1. 0	1. 0
Wire Diameter	mm	φ 0.10-0.22	φ 0.10-0.22	φ 0.10-0.22	φ0.10-0.22	φ 0.10-0.22	φ 0.10-0.22
Precision	±mm	0.01	0.01	0.01	0.01	0.01	0.01
Max. Current	A	8	8	8	8	8	8
Software		KG XP	KG XP	KG XP	KG XP	KG XP	KG XP
Control axis		X,Y,U,V	X,Y,U,V	X,Y,U,V	X,Y,U,V	X,Y,U,V	X,Y,U,V
Dielectric Fluid		Water based liquid	Water based liquid	Water based liquid	Water based liquid	Water based liquid	Water based liquid
Tank Capacity	L	56	56	56	56	56	56
Filter		4 layer	4 layer	4 layer	4 layer	4 layer	4 layer
Power	kVA	2	2	2	2	2	2
Voltage	V	380/50Hz or 220	380/50Hz or 220	380/50Hz or 220	380/50Hz or 220	380/50Hz or 220	380/50Hz or 220
Machine Dimensions	mm	1493x1200x1730	1493x1200x1730	1493x1200x1730	1493x1200x1730	1708x1406x1730	1910x1547x1826
Packing	mm	1800x1400 x2100	1800x1400 x2100	1800x1400 x2100	1800x1400 x2100	1930x1600 x1900	2115x1800x2250
Weight	kg	1400	1700	1800	2000	2100	2500

Wire Multi Cut Product Line		M500X800	M630X800	M630X1000	M800X1000	M800X1200	M1000X1200	M1200X1500
X,Y,Z travel	mm	500x800x500	630x800x800	630x1000x800	800x1000x800	800x1200 X1000	1000x1200 x1000	1200x1500x1000
Cutting Angle	°/mm	±3/100	±3/100	±3/100	±3/100	±3/100	±3/100	±3/100
Table size*	mm	600x1000	700x1100	700x1300	820x1400	820x1500	1290x1600	
Max w/p weight	kg	1200	2500	2500	4500	4500	4800	5000
Cutting Capacity	mm²/min	160	160	160	160	160	160	160
Best Roughness	Ra μm	1. 0	1. 0	1. 0	1. 0	1. 0	1. 0	1. 0
Wire Diameter	mm	φ 0.10-0.22	φ 0.10-0.22	φ0.10-0.22	φ 0.10-0.22	φ 0.10-0.22	φ 0.10-0.22	φ 0.10-0.22
Precision	±mm	0.01	0.01	0.01	0.01	0.015	0.01 5	0.01 5
Max. Current	A	8	8	8	8	8	8	8
Software		KG XP	KG XP	KG XP	KG XP	KG XP	KG XP	KG XP
Control axis		X,Y,U,V	X,Y,U,V	X,Y,U,V	X,Y,U,V	X,Y,U,V	X,Y,U,V	X,Y,U,V
Dielectric Fluid		Water based liquid	Water based liquid	Water based liquid	Water based liquid	Water based liquid	Water based liquid	Water based liquid
Tank capacity	L	56	56	56	56	56	56	56
Filter		4 layer	4 layer	4 layer	4 layer	4 layer	4 layer	4 layer
Power	kVA	2	2	2	2	2	2	2
Voltage	V	380/50Hz or 220	380/50Hz or 220	380/50Hz or 220	380/50Hz or 220	380/50Hz or 220	380/50Hz or 220	380/50Hz or 220
Machine Dimensions	mm	2132X1830x1847	2132X1830x1847	2132X1830x1847	2500x2450x1967	2500x2450x1967	3229x2544x1955	4000x4200 x2700
Packing	mm	2450x2100x2000	2450x2100x2000	2450x2100x2000	2700x2650 x2250	2700x2650 x2250	3800x3200 x2500	4100x4250 x2900
Weight	kg	2600	4250	4350	6200	6300	6900	7500

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Basic Wire EDM, B – Model

This is a low-cost, yet powerful alternative.

Guaranteed to pay for itself.
Low original cost for the machine and low costs for consumables will provide our customer with a very competitive machining concept.
For many jobs one cut is sufficient for both surface finish and accuracy.

Why Choose a B-Model CNC Wire EDM?

- Supreme processing speed, up to 180 mm² per min . It varies according to the conductivity and melting properties of the material.
- Wire EDM machining capability. The machine can cut pieces up to 1000 mm.
- Ease of operation, axis movement and wire speed can easily be controlled by Hand Panel.

Application

B – Model is suitable to machine parts with large varieties and small quantity.

Wire EDM Basic Product Line		B250X320	B350X450	B450X550	B500X630	B550X800	B630X800
X,Y,Z travel	mm	250x320x300	320x450x500	450x550x500	500x630x600	550x800x600	630x800 X600
Cutting Angle	°/mm	±3/80	±3/100	±3/100	±3/100	±3/100	±3/100
Table size*	mm	400x600	470x710	570x810	650x950	660x1140	750x1140
Max w/p weight	kg	300	500	600	1000	1200	2500
Cutting Capacity	mm²/min	180	180	180	180	180	180
Best Roughness	Ra μm	2.5	2.5	2.5	2.5	2.5	2.5
Wire Diameter	mm	φ 0.10-0.22	φ 0.10-0.22	φ 0.10-0.22	φ 0.10-0.22	φ 0.10-0.22	φ 0.10-0.22
Precision	±mm	0.01	0.01	0.01	0.01	0.01	0.01
Max. Current	A	8	8	8	8	8	8
Software		KG XP	KG XP	KG XP	KG XP	KG XP	KG XP
Control axis		X,Y,U,V	X,Y,U,V	X,Y,U,V	X,Y,U,V	X,Y,U,V	X,Y,U,V
Dielectric Fluid		Water based liquid	Water based liquid	Water based liquid	Water based liquid	Water based liquid	Water based liquid
Tank capacity	L	56	56	56	56	56	56
Filter		4 layer	4 layer	4 layer	4 layer	4 layer	4 layer
Rated Power	kVA	2	2	2	2	2	2
Voltage	V	380/50Hz or 220	380/50Hz or 220	380/50Hz or 220	380/50Hz or 220	380/50Hz or 220	380/50Hz or 220
Machine Dimensions	mm	1493x1200x1730	1500x1080x1650	1700x1200x1650	1900x1547x1826	1900x1650x2100	2132x1830x1847
Packing	mm	1800x1400 x2100	1800x1400 x2100	1930x1600 x1900	2115x1800 x2250	2115x1800 x2250	2450x2100 x2000
Weight	kg	1000	1500	1800	2200	2300	3800

The workpiece can be bigger than the table
All specifications and designs are subject to change without notice.



Wire EDM Premium Product Line XP		B630X1000	B800X1000	B800X1200	B1000X1200	B1200X1500
X,Y,Z travel	mm	630x1000x600	800x1000x800	800x1200 x1000	1000x1200 x1000	1200x1500x1000
Cutting Angle	°/mm	±3/100	±3/100	±3/100	±3/100	±3/100
Table size*	mm	760x1350	830x1410x800	820x1500	1290x1600	
Max w/p weight	kg	2500	4500	4500	4800	5000
Cutting Capacity	mm²/min	180	180	180	180	180
Best Roughness	Ra μm	2.5	2.5	2.5	2.5	2.5
Wire Diameter	mm	φ 0.10-0.22	φ 0.10-0.22	φ 0.10-0.22	φ 0.10-0.22	φ 0.10-0.22
Precision	±mm	0.015	0.015	0.015	0.02	0.02
Max. Current	A	8	8	8	8	8
Software		KG XP	KG XP	KG XP	KG XP	KG XP
Control axis		X,Y,U,V	X,Y,U,V	X,Y,U,V	X,Y,U,V	X,Y,U,V
Dielectric Fluid		Water based liquid	Water based liquid	Water based liquid	Water based liquid	Water based liquid
Tank capacity	L	56	56	56	56	56
Filter		4 layer	4 layer	4 layer	4 layer	4 layer
Rated Power	kVA	2	2	2	2	2
Voltage	V	380/50Hz or 220	380/50Hz or 220	380/50Hz or 220	380/50Hz or 220	380/50Hz or 220
Machine Dimensions	mm	2132X1830x1847	2500x2450x1967	2500x2450x1967	3230x2554x1995	4000x4200 x2700
Packing	mm	2450x2100x2000	2700x2650 x2250	2700x2650 x2250	3800x3200x2500	4100x4250 x2900
Weight	kg	3900	5000	5200	6900	7500

The workpiece can be bigger than the table
All specifications and designs are subject to change without notice.

Small hole drilling has never been easier – Just Plug It In

Portable and plugs into any outlet.

Up and running in about an hour - no contractors, no installers, no additional wiring.

D-model is a plug-in drill that’s affordable and easy to install anyone can do it. Portable and plugs into any outlet. Up and running in about an hour - no contractors, no installers, no additional wiring. Able to drill in various conductive materials such as aluminium hardened tool steel, difficult alloys, and carbide.

Why Choose a D-Model ?

- Capability - Can drill deep hole with diameters 0.3mm-5mm (the depth-diameter ratio is 300:1).
- VersatilityAble to drill small and deep holes on spherical curved and irregular surfaces.
- Precision - Creates Deep Straight Holes.
Drilling is done into hardened materials eliminating the chance of size change caused by heat treating. Due to the non-contact process of EDM it produces straight holes. In contrast, conventional deep hole drills tend to drift.
- Large Capacity – Processing speed up to 70mm/min.
- The DX – Model can produce blind holes.

Application

Drill EDM can be used for start hole, holes in turbine blades and cooling holes for aircraft engines. It can machine various conductive material, even semi -conductive material.



Drill EDM		D200X300	D300X400	D320X440
X,Y,Z travel	mm	200x300xx300	300x400x300	300x400x380
Table size	mm	230x330	320x440	320x440
Max w/p weight	kg	400	500	300
Max.Cutting Thickness	mm	250	250	350
Cutting Capacity	mm/min	70	70	70
Electrode Diameter	mm	φ0.2-3.0	φ0.2-3.0	φ0.2-5.0
Electrode Rotation	r p m	220	220	300
Control Axis		X, Y	X, Y	X, Y, Z
Max.Current	A	25	25	30
Dielectric Fluid		water	water	water
Tank capacity	L	25	25	25
Max Pump Pressure	Mpa	7	7	7
Power Input	kW/V	2.5/380	2.5/380	3/380
Machine Dimensions	mm	1150x800x1900	1150x800x1900	800x1100x2000
Weight	kg	600	600	600

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Finished hole sizes may vary depending on the type of material, material thickness and machining conditions.

Eliminate very costly and time consuming manual polishing and bench work.
The goal is to create an as-machined surface that drastically reduces the need for subsequent processing.

Why ChooseE-Model CNC Engraving Machine?

- Significantly reduced running costs without compromising machining accuracy, with this entry-level priced and sturdy machine
- Flexible and simple operation; a well-designed machine concept with optimum work space access ensure efficient handling.
- Provides solutions for special machining applications such as dental technology and shoe molds.

Application

Efficient engraving of all metals such as Tool Steel, Stainless Steel, Brass, Copper Milling and eng-raving of non-ferrous metals such as Ceramics, Carbon Fiber, Graphite.

CNC Engraving Machine		E400X300X130	E500X400X130	E500X450X210	E500X450X260	E600X600X270	E600X600X270
X,Y,Z Travel	mm	400x300x130	500x400x130	500x450x210	500x450x260	600x600x270	600x600x270
Table Size	mm	420x380	600x500	500x450	500x450	600x600	600x600
Table Flatness	mm	<0. 02	<0. 02	<0. 02	<0. 02	<0. 025	<0. 025
Gate Size Width Height	mm	450x280	650x330	570x360	570x360	660x380	660x380
Max. w/p size	mm	420x380	600x500	500x450	500x450	600x600	600x600
Max w/p weight	kg	80	100	250	250	500	500
Spindle Speed	rpm	24000	24000	18000	18000	18000	18000
Spindle Motor Power	kW	1.5	1.5	4	4	5.5	5.5
Distance between Spindle and Table	mm	150~20	150~20	260~50	260~50	290~20	290~20
Maximum Tool Diameter	mm	φ12	φ12	φ16	φ16	φ20	φ20
Toolchanger		manual	manual	manual	manual	manual	automatic
Max Travel Speed	mm/min	8000	8000	8000	8000	8000	8000
Positioning Accuracy	mm	0.01	0.01	0.01	0.01	0.01	0.01
Repeatability	±mm	0.005	0.005	0.005	0.005	0.005	0.005
Drive		Servomotor	Servomotor	Servomotor	Servomotor	Servomotor	Servomotor
Lubrication		Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Software	options	Syntec,Pou Yuen, Delta	Syntec,Pou Yuen, Delta	Syntec,Pou Yuen, Delta	Syntec,Pou Yuen, Delta	Syntec,Pou Yuen, Delta	Syntec,Pou Yuen, Delta
Rated Power	kW	4	4	8	8	8	8
Voltage	V	380	380	380	380	380	380
Machine Dimensions	mm	980x980x1300	1080x990x1300	1700x1700x1800	1700x1700x1800	1770x1820x1900	2200x1820x1900
Weight	kg	1500	1700	2200	2400	2800	2900

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CNC Engraving Machine E Model		E600X700X270	E800X800X290	E800X800X290	E800X900X290	E1000X1000X390	E1000X1200X390
X,Y,Z Travel	mm	600x700x270	800x800x290	800x800x290	800x900x290	1000x1000x390	1000x1200x390
Table Size	mm	600x700	800x800	800x800	800x900	1000x1000	1000x1200
Table Flatness		<0. 025	<0. 03	<0. 03	<0. 03	<0. 03	<0. 03
Gate Size Width Height	mm	660x380	860x520	860x520	860x520	1100x540	1100x540
Max. w/p size	mm	600x700	800x800	800x800x290	800x900x290	1000x1000x390	1000x1200x390
Max w/p weight	kg	500	800	800	800	900	900
Spindle Speed	rpm	18000	18000	18000	18000	18000	18000
Spindle Motor Power	kW	5.5	5.5	5.5	5.5	7.5	7.5
Distance between Spindle and Table	mm	290~20	390~100	390~100	390~100	490~140	490~140
Maximum Tool Diameter	mm	φ20	φ20	φ20	φ20	φ20	φ20
Toolchanger		manual	manual	Automatic	manual	manual	manual
Max Travel Speed	mm/min	8000	8000	8000	8000	8000	8000
Positioning Accuracy	mm	0.01	0.01	0.01	0.01	0.01	0.01
Repeatability	±mm	0.005	0.005	0.005	0.005	0.005	0.005
Drive		Servomotor	Servomotor	Servomotor	Servomotor	Servomotor	Servomotor
Lubrication		Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Software	options	Syntec,Pou Yuen, Delta	Syntec,Pou Yuen, Delta	Syntec,Pou Yuen, Delta	Syntec,Pou Yuen, Delta	Syntec,Pou Yuen, Delta	Syntec,Pou Yuen, Delta
Rated Power	kW	8	8	8	8	8	8
Voltage	V	380	380	380	380	380	380
Machine Dimensions	mm	1920x1820x1900	2400x2350x2700	2700x2350x2700	2400x2500x2700	2800x2700x3400	3300x2700x3400
Weight	kg	3200	3800	3800	4200	5500	5900

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CNC Milling Machine, HSM – Model

Reduce investment and boost profitability of your business with this powerful mill.
With the HSM-Model CNC Milling Machine you can diversify your manufacturing capabilities and increase your production efficiency.

Why Choose HSM-Model CNC Milling Machine?

- Efficient machining-The machine frame with linear guides and wide configuration makes it a rigid construction for efficient machining.
- Long life durability-The combination of quality components from well-known and reputable Japanese and Taiwanese companies and proven technology makes a durable concept.
- Ease of operation-Newcomers can quickly and easily create programs for frequently used machining processes.

Application

Tool and mold making.
Small and medium-sized injection molds .
Efficient milling and engraving of all metals such as
Tool Steel, Stainless Steel, Brass, Copper.
Milling and engraving of non-ferrous metals such as
Ceramics, Carbon Fiber, Graphite.



CNC Milling Machine	HSM Model	1000X1000X400	1000X1200X400
X ,Y, Ztravel	mm	1000x1000x400	1000x1200x400
Table size	mm	1000x1000	1000x1200
Table Flatness	mm	<0.03	<0.03
Gate Size Width Height	mm	1080x580	1080x580
Motor Powe Maxr	kW	7.5/11	7.5/11
Spindle Speed	rpm	18000	18000
Distance between Spindle and Table	mm	150~20	150~20
Tool- holder Model		BT 40	BT 40
Toolchanger		Automatic	Automatic
Cooling system		water or oil	water or oil
Max Travel Speed	mm/min	8000	8000
Positioning Accuracy	mm	0.01	0.01
Repeatability	±mm	0.005	0.005
Drive		Servomotor	Servomotor
Lubrication		Automatic	Automatic
Software options	options	FAG FUNC	FAG FUNC
Rated Power	kW	8	8
Voltage	V	380	380
Machine Dimensions	mm	3100x2700x3600	3300x2700x3600
Weight	kg	6200	6700

All specifications and designs are subject to change without notice.