



THE SOLUTION LEADER OF CNC DRILLING AND TAPPING SOLUTIONS



Rail transit industry



Smart home industry



Warehouse display equipment



Automobile industry



Mold / general machinery industry



Solar power /lighting industry

DONGGUAN DUOMI MACHINERY CO., LTD.

Address: No. 8, Shangsha Chuangsheng Road, Chang' an Town, Dongguan City, Guangdong Province

Service hotline: **400-8868-162**

<http://www.duomi68.com>



Official website



WeChat Channels account

*Photos for reference only

*We reserve the right to make any technical improvement without future notice.



*Innovation changes the world
technology creates the future*



High-tech enterprise

DONGGUAN DUOMI MACHINERY CO., LTD.

Create Value For Customers

Promote The Healthy Development Of The Industry

National service hotline: **400-8868-162**



Our vision

Today, Duomi' s customers, tomorrow
Duomi' s communicators!

DUOMI Environment

Enterprise Excellence and Successful Guarantee

- Gain market trust with first-class quality;
- win customer satisfaction with high-quality service;
- Seek enterprise development with continuous improvement;
- establish corporate brand with excellent management;

ABOUT US

Create and change the future

Dongguan Domi Machinery Co., Ltd. is a CNC technology company with machinery research and development, manufacturing and sales as the core of development. The company's headquarter is located in Dongguan City, known as the "Factory of the world". We have been committed to researching and improving the processing methods of traditional labor-intensive drilling, tapping and milling, especially in drilling, tapping and hot melt processing technology, we have accumulated nearly ten years of practical experience. In the spirit of innovation and truth-seeking, through independent research and development and experience accumulation, we have dozens of invention and utility model patents, and won the honorary titles of "Guangdong High-tech Enterprise" in 2018 and "Science and Technology Small and Medium-sized Enterprise" in 2021.

The company has "Xingduomi", "Jieotop" and other brands, specializing in the production of all kinds of drilling, tapping and milling standard CNC equipment and non-standard automatic CNC equipment to provide the one-stop service for customers from purchase to customization to production! The company's products are not only sold in various cities in China, but also exported to Southeast Asia, Europe, the United States and other countries. Starting from solving customer pain points and difficult problems, we invest in the production and development of machine tools with the spirit of technological innovation and excellence, grasp the manufacturing trend to keep up with the pace of the times and contribute to "Made in China".



Process heritage of excellent products,
DUOMI Machinery Hand in hand with you to build the future!



Behind each precision machine tools
Have people whole-heartedly pay- DUOMI



Quality



After sale service

Accurate stable Innovation efficient

Partner

names not listed in order

CA

Defense industry

CA

Rail transit industry

CA

Elevator industry

CA

Aluminum industry processing

CA

Mold industry

CA

Smart home industry

CA

Display rack equipment

CA

Industry specific equipment

Qualification

Using wisdom to create history, Using vision to open future
Using technology create value, Using quality to achieve succeed

Pursuing Excellent Creating Quality

Detection

Ultra-high-precision

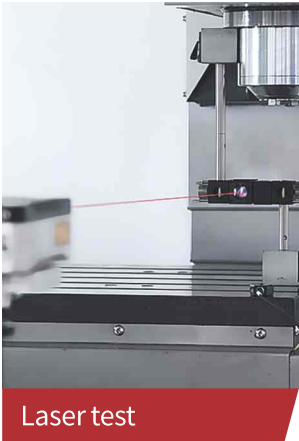
- Our goal is to ensure that the product achieves the specified accuracy
- Make you believe that our machine tools can continue to serve you in situations where precision is required



Precision shoveling is a more difficult skill than wood carving, and it is the starting point for the basic accuracy of precision equipment. The shovel eliminates our dependence on other machine tools and also deviations caused by clamping forces and thermal energy. To ensure the precision of each machine, we master every detail and every step. All accuracy datum planes such as between the spindle head and the spindle, between the ball screw assembly and the mounting surface are made of manual scraping and shoveling repair accuracy, and the contact rate is maximized to obtain a reliable bearing reference, and the amount of grinding is about 1-3 μm at a time through scraping and shoveling operation, which can get flatness, straight angle, true straightness that is difficult to achieve by machining, and ensure the outstanding quality of the machine.



To provide customers with quality products and satisfactory service, high-standard control and inspection of delivered products, formulate strict technical standard processes for each process, implement perfect quality demands into every link of production, and realize product quality assurance and technical upgrading.



Laser test



Spindle skew test



Spindle dynamic balance test



Spindle vibration test

Index

01	02	03	04	05	06	07
Hot melt drilling and tapping machine series	Gantry drilling and drilling machine series	Micro/small Hole High Speed Rilling Machine Series	Plane CNC drilling and milling series	Horizontal CNC Drilling and Tapping Machine Series	Four-axis and five-axis drilling / tapping machine series	Non-standard customized series
DHM-2030DT 01-02	DNC-2015N10 13-14	DNC-430HD 23-24	DNC-430D 39-40	DNC-430DT 39-40	DNC-1003D(R1) 63-64	DNC-8030DD 71-72
DHM-2030(DT2) 03-04	DNC-2015DDT 13-14	DNC-2030HD 23-24	DNC-1540N10 41-42	DNC-1030D 43-44	DNC-3003DD(R1) 65-66	DNC-6030DTC 73-74
DHM-2040N10 05-06	DNC-1226N20 15-16	DNC-430HD(R)N5 25-26	DNC-1030D 43-44	DNC-2030D 45-46	DNC-12003(2DR) 67-68	DNC-2030DS 75-76
DHM-3060N24 07-08	DNC-3020N12 17-18	DNC-500HDD(R2) 27-28	DNC-2030DT 45-46	DNC-2040(4T) 47-48	DNC-640五轴 69-70	DNC-550C 77-78
DHM-2003DT(R1) 09-10	DNC-27100N10 19-20	DNC-2030HDD 29-30	DNC-2040(4T) 47-48	DNC-1530DDTT 49-50		DHC-3028N10 79-80
DHM-12045N10 11-12	DNC-13016N24 21-22	DNC-2015(4HD) 31-32	DNC-2030DDT 51-52	DNC-2040N10 53-54		DNC-1080DT(6) 81-82

DHM-2030DT hot melt drilling all-in-one machine



Scan to Watch the machining video for this model



Features

- ◆ This model is a multi-functional hot melt drilling and tapping equipment, and can also be used as an ordinary drilling equipment.
- ◆ Open structure is convenient for loading and unloading, and multi-station processing can be set at the same time, and the material change cycle processing can be carried out without stopping.
- ◆ Optional water-jet cutting cooling to achieve ordinary drilling and tapping effect.
- ◆ Optional guide rail type pneumatic fixture with easy clamping and fast product switching clamping speed to improve work efficiency.

Processing case



Technical Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DHM-1030DT	DHM -2030DT	DHM-3030DT	DHM-4030DT
Processing stroke (stroke can be customized)	X-axis	1000mm	2000mm	3000mm	4000mm
	Y-axis	300mm			
	Z-axis	200mm			
Spindle	Speed	1500~24000rpm (Can be configured according to actual demand)			
	Taper hole	ER20			
	Power	0.55kw~3.0kw (Can be configured according to actual demand)			
Movement Speed	X-axis	30m/min~60m/min			
	Y-axis	25m/min			
	Z-axis	25m/min			
Processing capability	Drilling	1~20mm			
	Tapping	M2-M14			
	Chamfering	1~20mm			
Tool magazine		Manual tool change			
Repeated positioning accuracy		±0.02mm			
Workbench guide		25mm			
Pneumatic fixture		2 sets	4 sets	6 sets	8 sets
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming			
System program memory		About 10000 pcs			
System external signal control		Support			
Working voltage		AC 220V/50HZ			
Floor area		2500mm*1500mm*1700mm	3500mm*1500mm*1700mm	4500mm*1500mm*1700mm	5500mm*1500mm*1700mm
Machine tool weight		About 1000kg	About 1500kg	About 2000kg	About 2500kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DHM-2030 (DT2) thermal drilling and tapping machine



Scan to Watch the machining video for this model

Features

- ◆This model is a multi-head, high-efficiency thermal CNC drilling and tapping machine that can process two products simultaneously or the same product simultaneously.
- ◆Dual power heads can process simultaneously or separately without interference, offering flexibility and doubling efficiency.
- ◆The open structure facilitates loading and unloading, and multiple workstations can be set up for continuous material change and cyclic processing without stopping the machine.
- ◆Optional built-in guide rail pneumatic tooling is available for easy clamping and fast product switching, improving work efficiency.



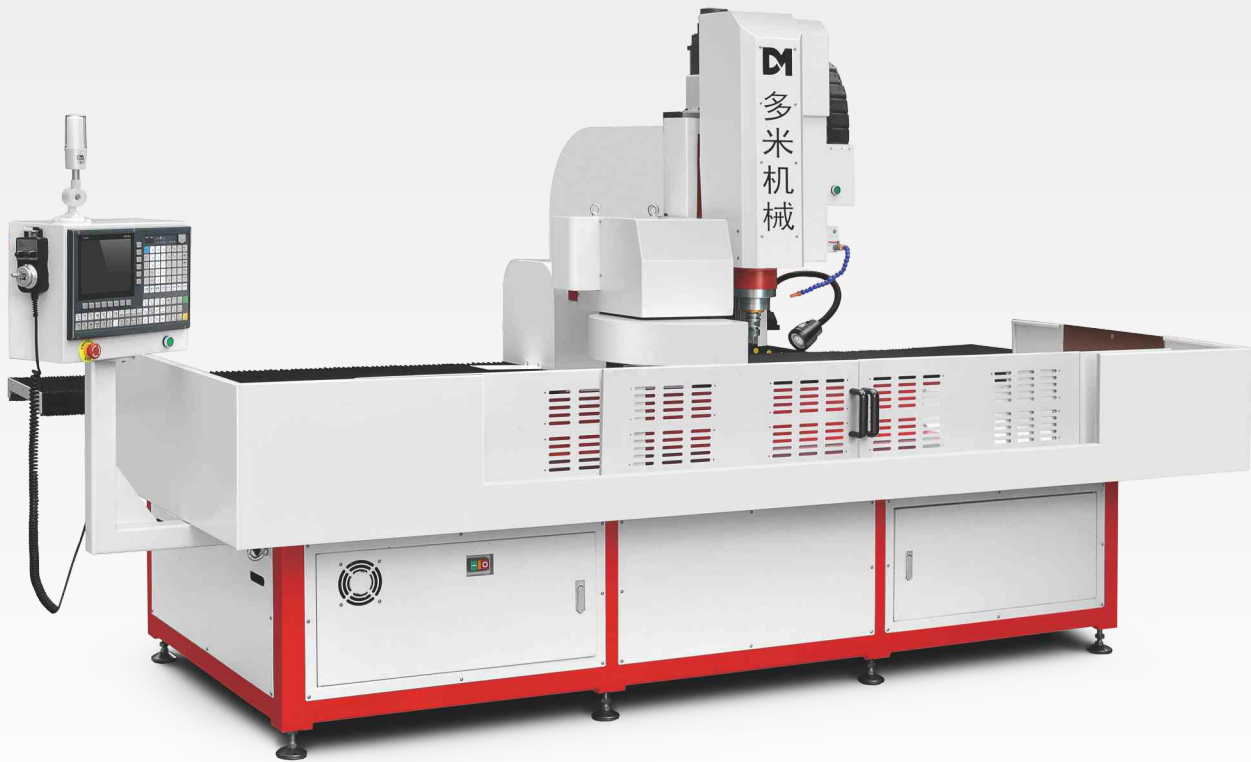
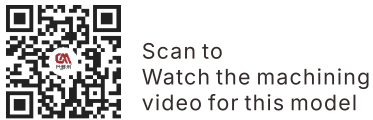
Technical Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DHM-2030(DT2)	DHM-3030(DT2)	DHM-4030(DT2)
Processing stroke (stroke can be customized)	X-axis	2000mm	3000mm	4000mm
	Y-axis	300mm	300mm	300mm
	Z-axis	200mm	200mm	200mm
Spindle	Speed	3000~24000rpm (Can be configured according to actual demand)		
	Taper hole	ER20		
	Power	0.55~3.0kw (Can be configured according to actual demand)		
Movement Speed	X-axis	30m/min~60m/min		
	Y-axis	25m/min		
	Z-axis	25m/min		
Processing capability	Drilling	1~16mm		
	Tapping	M3~M16		
Tool magazine		Manual tool change		
Repeated positioning accuracy		0.02mm		
Workbench dimensions		2000mm*300mm	3000mm*300mm	4000mm*300mm
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming		
System program memory		About 10000 pcs		
System external signal control		Support		
Working voltage		AC 220V/50HZ		
Floor area		4200mm*1500mm*1700mm	5200mm*1500mm*1700mm	6200mm*1500mm*1700mm
Machine tool weight		About 1400kg	About 1800kg	About 2200kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DHM-2040N10 Automatic tool change hot melt drilling machine



Features

- ◆ This model is a multi-functional automatic tool changing hot melt drilling and tapping equipment, and can also be used as an ordinary drilling equipment.
- ◆ The machine tool has been strengthened by structure with low vibration and strong stability.
- ◆ Optional guide rail type pneumatic fixture with easy clamping and fast product switching clamping speed to improve work efficiency.
- ◆ Equipped with spindle following tool magazine, servo direct connection tool changing action to achieve convenient and time-saving tool change.

Processing case



Technical Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DHM-2040N10	DHM-3040N10	DHM-4040N10	DHM-5040N10
Processing stroke (stroke can be customized)	X-axis	2000mm	3000mm	4000mm	5000mm
	Y-axis	400mm			
	Z-axis	200mm			
Spindle	Speed	3000~24000rpm (Can be configured according to actual demand)			
	Taper hole	BT30			
	Power	5.5kw~7.5kw (Can be configured according to actual demand)			
Movement Speed	X-axis	30m/min~60m/min			
	Y-axis	25m/min			
	Z-axis	25m/min			
Processing capability	Drilling	1~20mm			
	Tapping	M2~M16			
	Chamfering	1~20mm			
Tool magazine		Automatic tool changer (10 tools)			
Repeated positioning accuracy		±0.02mm			
Workbench guide		25mm			
Pneumatic fixture		4 sets	6 sets	8 sets	10 sets
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming			
System program memory		About 10000 pcs			
System external signal control		Support			
Working voltage		AC 380V/50HZ			
Floor area		4500mm*2000mm*2000mm	5500mm*2000mm*2000mm	6500mm*2000mm*2000mm	7500mm*2000mm*2000mm
Machine tool weight		About 2000kg	About 2600kg	About 3200kg	About 3800kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DHM-3060N24 Liquid-Cooled Pipe Thermal Drilling, Tapping, and Milling Integrated Machine



Features

- ◆This machine is a CNC machining equipment that integrates hot melt automatic drilling, tapping, countersinking, and milling, suitable for M3-M26 hot melt drilling and tapping processes.
- ◆The overall layout features a cast iron base and components, resulting in excellent rigidity, strong and stable processing capabilities.
- ◆It adopts a high-rigidity imported BT40 mechanical spindle, equipped with high-temperature resistant precision bearings, capable of withstanding long-term hot melt drilling operations.
- ◆It is equipped with a spindle-following tool arm type tool magazine, which can accommodate 24 tools, making tool changes convenient and time-saving.



Technical
Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DHM-3060N24
Processing stroke (stroke can be customized)	X-axis	3000mm
	Y-axis	600mm
	Z-axis	600mm
Spindle	Spindle Speed	1000~6000rpm (Can be configured according to actual demand)
	Taper Hole	BT30/BT40 (Can be configured according to actual demand)
	Power	5.5KW/7.5KW/11KW (Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis/Z-axis	10~20m/min
	Maximum Cutting Feed	1~15000mm/min
Processing capability	Drilling/Tapping Diameter	M3~M26
Workbench	Table Dimensions (Length x Width)	3000X600mm
	Maximum Table Load Capacity	2T
	Number of T-slots/Center Spacing	5 Pcs /105mm
	T-slot Width	18mm
Disc-type tool magazine	Automatic Tool Change	24 tools
accuracy	Backlash (After Laser Body Compensation)	±0.01mm
	Repeat Positioning Accuracy	±0.02mm/1000mm
system	Programming Method	CAD file import/ computer programming/ instructional programming/ manual programming
	Program Storage Capacity	About 10000 pcs
Working voltage		380V/50HZ
Floor area		6500mm*2700mm*2900mm
Machine tool weight		About 8.0T

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DHM-2003DT(R1) round tube hot melt drilling and tapping machine



Scan to Watch the machining video for this model



Features

- ◆ This model is a multi-functional four-axis hot melt drilling and tapping equipment, and can also be used as an ordinary drilling equipment.
- ◆ The rotary shaft adopts servo motor with high-precision harmonic reducer, which has high rotation positioning accuracy and can be processed at any angle of 360 degrees.
- ◆ Processing square tube, round tube and special-shaped tube are switched by changing fixtures.
- ◆ Optional guide rail type pneumatic fixture with easy clamping and fast product switching clamping speed to improve work efficiency.

Processing case



Technical Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DHM-1003DT(R1)	DHM-2003DT(R1)	DHM-3003DT(R1)	DHM-4003DT(R1)
Processing stroke (stroke can be customized)	X-axis	800mm	1800mm	2800mm	3800mm
	Z-axis	200mm			
	A-axis	360°			
Spindle	Speed	1500~24000rpm (Can be configured according to actual demand)			
	Taper hole	ER20			
	Power	0.55kw~3.0kw (Can be configured according to actual demand)			
Movement Speed	X-axis	30m/min~60m/min			
	Z-axis	25m/min			
Processing capability	Drilling	1~20mm			
	Tapping	M2~M14			
	Chamfering	1~20mm			
Rotary shaft clamping diameter		10~200mm (Can be configured according to actual demand)			
Tool magazine		Manual tool change			
Repeated positioning accuracy		±0.02mm			
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming			
System program memory		About 10000 pcs			
System external signal control		Support			
Working voltage		AC 220V/50HZ			
Floor area		2500mm*1500mm*1700mm	3500mm*1500mm*1700mm	4500mm*1500mm*1700mm	5500mm*1500mm*1700mm
Machine tool weight		About 1100kg	About 1600kg	About 2100kg	About 2600kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DHM-12045N10 CNC Thermal Drilling, Tapping, and Milling Integrated Machine



Scan to Watch the machining video for this model

Features

- ◆This machine is a multi-functional drilling and tapping machine for hot-melt drilling, tapping, and chamfering. It can also be used as a general-purpose drilling and tapping machine and features a cutting fluid circulation function.
- ◆The machine tool adopts a mature and stable CNC machining center system, supporting multiple programming methods including drawing import for automatic machining program generation and teach-based programming.
- ◆It uses a high-rigidity imported BT30 mechanical spindle, suitable for hot-melt drilling and tapping of various steel parts and other metal products, as well as general drilling and tapping cutting.
- ◆Equipped with a servo-driven, 10-tool magazine, it automatically switches between tools for multiple hole diameters, achieving intelligent and automated machining.
- ◆The entire machine undergoes precision testing and error compensation using an imported American API laser measuring instrument, achieving an accuracy of 0.02mm after compensation.



Technical Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DHM-12045N10
Processing stroke (stroke can be customized)	X-axis	12000mm
	Y-axis	450mm
	Z-axis	350mm
Spindle	Spindle Speed	1000~6000rpm (Can be configured according to actual demand)
	Taper Hole	BT30 (Can be configured according to actual demand)
	Power	5.5KW (Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	15m/min~30m/min
	Z-axis	15m/min~30m/min
	Maximum Cutting Feed	1~15000mm/min
Processing capability	Drilling	3~18mm
	Tapping	M3~M18
Workbench	Maximum Table Load Capacity	2T
	Table Type	T-slot worktable / guide rail worktable (Can be configured according to actual demand)
Disc-type tool magazine	Automatic Tool Change	10 tools
accuracy	Backlash (after laser body compensation)	0.02mm
	Repeat Positioning Accuracy	0.02mm/1000mm
system	Programming Method	CAD drawing import/automatic programming/tutorial programming
	Program Storage Capacity	About 10000 pcs
Working voltage		380V/50HZ
Floor area		14500mm*2000mm*2500mm
Machine tool weight		About 11T

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-2015N10



Scan to Watch the machining video for this model

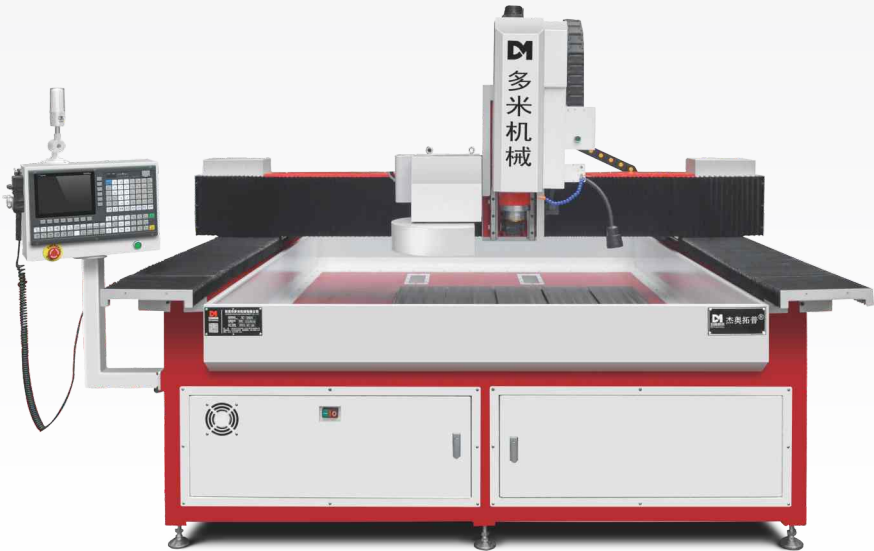
DNC-2015DDT



Scan to Watch the machining video for this model

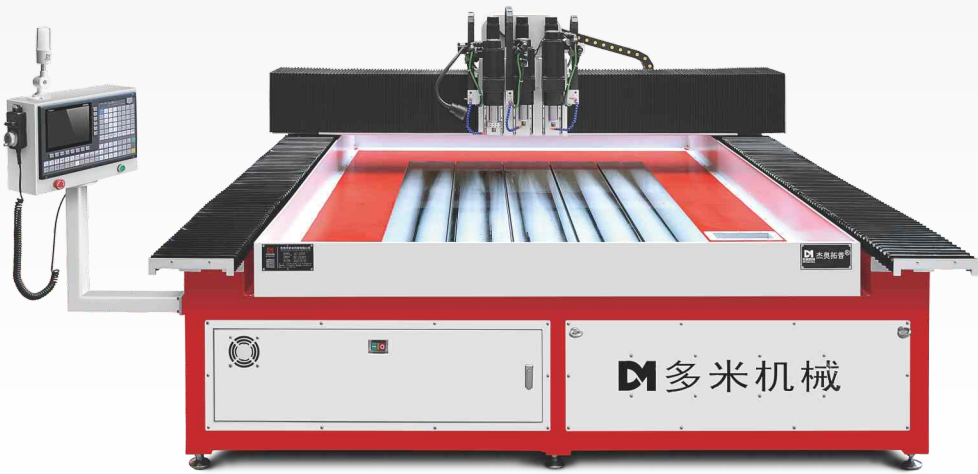
Features

- ◆Widened, thickened and weighted moving beam type gate structure form is adopted, which will not shake when the spindle is accelerating and decelerating, and the speed is fast and stable.
- ◆The X-axis is a dual drive, and the heavy-duty ball linear slide rail is combined with a double-set transmission mechanism to ensure the smooth operation of the moving beam.
- ◆High rigidity BT30 mechanical spindle with 10 bucket type tool magazine save tool change time and ensure efficient machining.
- ◆The top block is evenly installed on both sides of the X-axis, and the moving beam will not be displaced for a long time to ensure accuracy.
- ◆Different workbench clamping methods can be customized according to different processing products.



Features

- ◆Widened, thickened and weighted moving beam type gate structure form is adopted, which will not shake when the spindle is accelerating and decelerating, and the speed is fast and stable.
- ◆The X-axis is a dual drive, and the heavy-duty ball linear slide rail is combined with a double-set transmission mechanism to ensure the smooth operation of the moving beam.
- ◆The machine tool adopts high-precision mechanical spindle, and the three spindles can be equipped with 3 tools to process different processes at the same time.
- ◆The top block is evenly installed on both sides of the X-axis, and the moving beam will not be displaced for a long time to ensure accuracy.
- ◆Different workbench clamping methods can be customized according to different processing products.



Technical Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-2015N10	DNC-2015DDT
Processing stroke (stroke can be customized)	X-axis	2000mm	2000mm
	Y-axis	1500mm	1500mm
	Z-axis	200mm	200mm
Spindle	Speed	6000~24000rpm(Can be configured according to actual demand)	1500~24000rpm(Can be configured according to actual demand)
	Taper hole	BT30	ER20
	Power	5.5kw~7.5kw(Can be configured according to actual demand)	0.55kw~3.0kw(Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min	30m/min~60m/min
	Y-axis	25m/min	25m/min
	Z-axis	25m/min	25m/min
Processing capability	Drilling	1~20mm	1~20mm
	Tapping	M2-M20	M2-M14
	Chamfering	1~20mm	1~20mm
Tool magazine		Automatic tool change (10 tools)	Manual tool change
Repeated positioning accuracy		±0.02mm	±0.02mm
Workbench size		2000mm*1500mm	2000mm*1500mm
T-slot size		Uppder width 13 * lower width 20	Uppder width 13 * lower width 20
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming	
System program memory		About 10000 pcs	About 10000 pcs
System external signal control		Support	Support
Working voltage		AC 380V/50HZ	AC 220V/50HZ
Floor area		4000mm*2500mm*2000mm	3800mm*2200mm*2000mm
Machine tool weight		About 4000kg	About 3800kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-1226N20 Dual-Head Dual-Channel Gantry Drilling Center



Scan to Watch the machining video for this model

Features

- ◆ Utilizes a moving beam gantry structure with a double-sided, dual-drive transmission track on the crossbeam, ensuring stability while improving motion positioning accuracy.
- ◆ A CNC dual-channel bus control system allows for independent control of each motion axis, coupled with an intelligent anti-collision device to prevent interference between the two machine heads.
- ◆ An open worktable allows for the simultaneous processing of two identical or two different products, improving processing efficiency through continuous loading and unloading.
- ◆ Two high-rigidity mechanical spindles, equipped with 10 independent automatic tool changers, enable double the efficiency in processing multiple hole diameters.



Technical Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-1226N20
Processing stroke (stroke can be customized)	X-axis	1200mm
	Y-axis	2600mm
	Z-axis	200mm
Spindle	Speed	1500~24000rpm(Can be configured according to actual demand)
	Taper hole	BT30
	Power	5.5kw(Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	30m/min~60m/min
	Z-axis	25m/min
Processing capability	Drilling	1~20mm
	Tapping	M3-M18
	Chamfering	1~20mm
Tool magazine		Servo automatic tool change (10 tools)
Repeated positioning accuracy		±0.02mm
Workbench size		T-slot workbenc/ slide workbench (Can be configured according to actual demand)
T-slot size		Uppder width 13 * lower width 20
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 380V/50HZ
Floor area		4000mm*2800mm*2300mm
Machine tool weight		About 6200kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-3020N12 Gantry CNC drilling and tapping machine



Scan to Watch the machining video for this model

Features

- ◆ The machine tool adopts a mature and stable CNC machining center control system, supporting automatic generation of machining programs from imported drawings, and providing various programming methods including teach-in programming.
- ◆ It uses a high-rigidity imported BT30 mechanical spindle, suitable for automatic drilling, tapping, countersinking, and chamfering of various metal products such as iron, steel, copper, and aluminum parts.
- ◆ It adopts a widened, thickened, and heavy-duty gantry structure, ensuring no vibration during spindle acceleration and deceleration, resulting in fast and stable operation.
- ◆ The tool magazine is located below the beam (accommodating 12 tools), and the servo motor controls the tool change, quickly extending and retracting the tool.
- ◆ The horizontally positioned large-travel worktable allows for dual-station or multi-station 24-hour continuous processing.



Technical Parameter All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-3020N12
Processing stroke (stroke can be customized)	X-axis	3000mm
	Y-axis	2000mm
	Z-axis	200mm
Spindle	Speed	1500~24000rpm(Can be configured according to actual demand)
	Taper hole	BT30
	Power	5.5kw(Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	30m/min~60m/min
	Z-axis	25m/min
Processing capability	Drilling	1~20mm
	Tapping	M3~M18
	Chamfering	1~20mm
Tool magazine		Automatic tool changer (12 tools)
Repeated positioning accuracy		0.02mm
Workbench size		T-slot workbenc/ slide workbench (Can be configured according to actual demand)
T-slot size		Uppder width 13 * lower width 20
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 380V/50HZ
Floor area		4300mm*3150mm*2200mm
Machine tool weight		About 7000kg

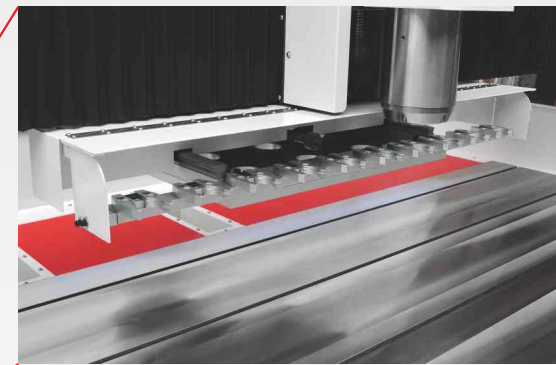
*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-27100N10 gantry CNC drilling and tapping composite machine

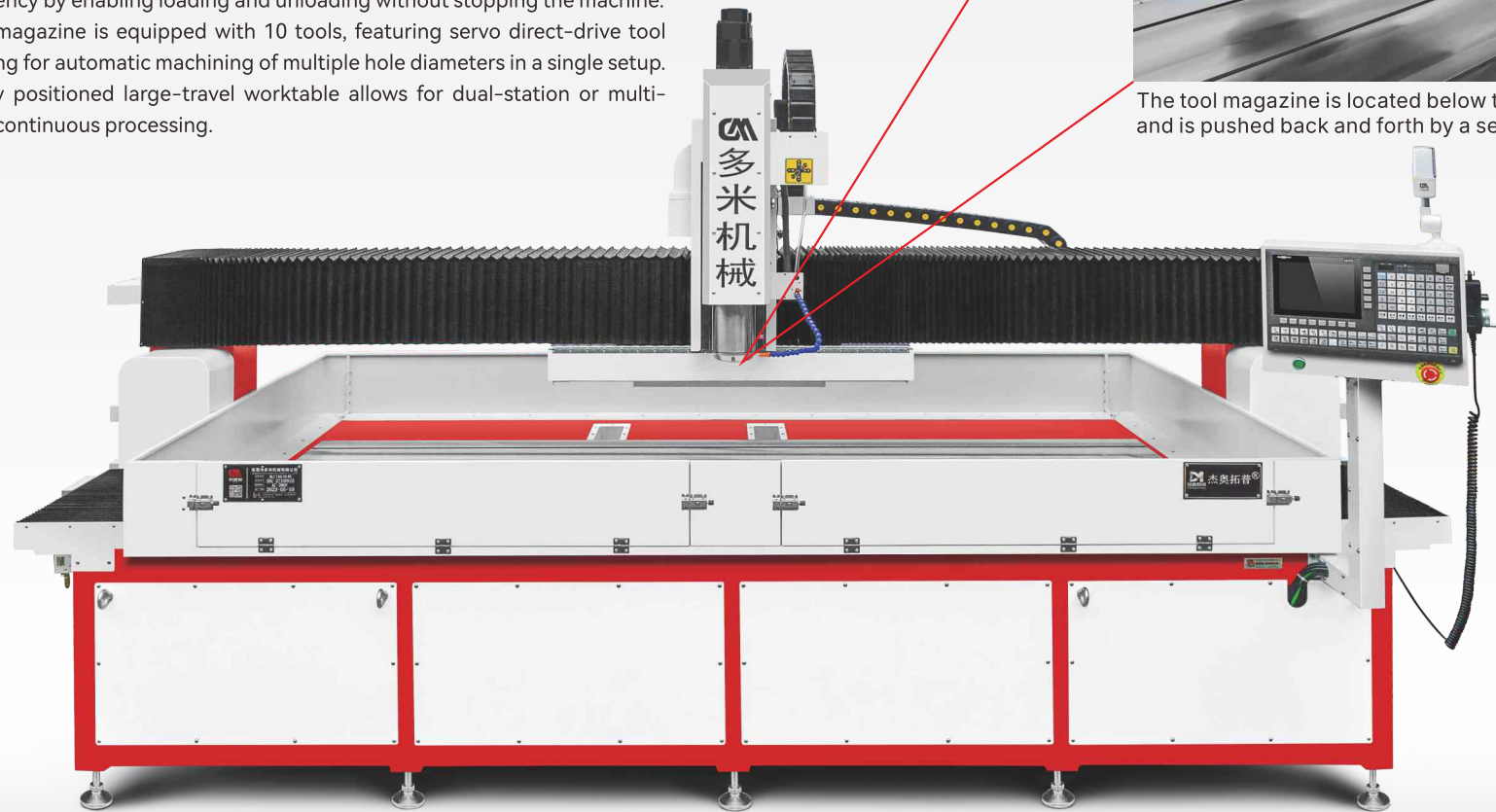


Features

- ◆ This is a multi-functional CNC machine tool integrating automatic drilling, tapping, and chamfering.
- ◆ The Y-axis features dual-drive transmission, with heavy-duty ball linear guideways and dual transmission mechanisms ensuring smooth operation of the moving beam.
- ◆ The open worktable allows for left and right dual-station switching, improving processing efficiency by enabling loading and unloading without stopping the machine.
- ◆ The servo tool magazine is equipped with 10 tools, featuring servo direct-drive tool changing, allowing for automatic machining of multiple hole diameters in a single setup.
- ◆ The horizontally positioned large-travel worktable allows for dual-station or multi-station 24-hour continuous processing.



The tool magazine is located below the crossbeam, and is pushed back and forth by a servo motor.



Technical Parameter All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-27100N10
Processing stroke (stroke can be customized)	X-axis	2700mm
	Y-axis	1000mm
	Z-axis	200mm
Spindle	Speed	1500~24000rpm(Can be configured according to actual demand)
	Taper hole	BT30
	Power	5.5kw(Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	30m/min~60m/min
	Z-axis	25m/min
Processing capability	Drilling	1~20mm
	Tapping	M3-M18
	Chamfering	1~20mm
Tool magazine		Servo-controlled automatic tool changer (10 tools)
Repeated positioning accuracy		±0.02mm
Workbench size		T-slot workbenc/ slide workbench (Can be configured according to actual demand)
T-slot size		Uppder width 13 * lower width 20
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 380V/50HZ
Floor area		4600mm*2500mm*1700mm
Machine tool weight		About 3600kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-13016N24 Gantry CNC drilling and tapping machine



Features

- ◆ The machine tool adopts a mature and stable CNC machining center control system, supporting various programming methods such as automatic generation of machining programs from imported drawings and teach-in programming.
- ◆ It uses a high-rigidity imported BT40 mechanical spindle, suitable for plane drilling, tapping, and cutting of various metal products.
- ◆ Equipped with a 24-tool arm-type tool magazine that moves with the spindle, enabling automatic tool changes anytime and anywhere, achieving intelligent and automated machining.
- ◆ The Y-axis features dual-drive transmission, with heavy-duty ball linear guides and a dual transmission mechanism to ensure stable operation of the moving beam.
- ◆ The entire machine uses absolute value servo motor drive control, resulting in good positioning accuracy, high stability, and fast response speed.
- ◆ After assembly, the entire machine undergoes accuracy compensation and error correction using an imported American API laser interferometer, controlling the overall accuracy to within 0.02mm.



Technical Parameter All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-13016N24
Processing stroke (stroke can be customized)	X-axis	13000mm
	Y-axis	1600mm
	Z-axis	350mm
Spindle	Speed	1000~6000rpm(Can be configured according to actual demand)
	Taper hole	BT40
	Power	11kw(Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	30m/min~60m/min
	Z-axis	25m/min
Processing capability	Drilling	1~24mm
	Tapping	M3~M24
	Chamfering	1~24mm
Tool magazine		Automatic tool changer (24 tools)
Repeated positioning accuracy		0.02mm
Workbench size		T-slot workbenc/ slide workbench (Can be configured according to actual demand)
T-slot size		Uppder width 13 * lower width 20
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 380V/50HZ
Floor area		16500mm*3200mm*2800mm
Machine tool weight		About 23T

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-2030HD



Scan to Watch the machining video for this model

DNC-430HD



Scan to Watch the machining video for this model



Features

- ◆ This model is for small micro hole processing, the spindle speed is high, and the spindle runout can reach μ level.
- ◆ The spindle comes with a water cooling cycle, which can be used for a long time and at high speed to control the spindle temperature and improve the processing stability.
- ◆ Full servo motor transmission control, good positioning accuracy and high stability.
- ◆ Optional automatic tool change function to realize one-time processing of positioning points and large and small holes.



Processing case



Technical Parameter All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-430HD	DNC-1030HD	DNC-2030HD	DNC-3030HD
Processing stroke (stroke can be customized)	X-axis	400mm	1000mm	2000mm	3000mm
	Y-axis	300mm	300mm	300mm	300mm
	Z-axis	120mm	200mm	200mm	200mm
Spindle	Speed	3000~60000rpm (Can be configured according to actual demand)			
	Power	0.55kw~3.0kw (Can be configured according to actual demand)			
Movement Speed	X-axis	30m/min~60m/min			
	Y-axis	25m/min			
	Z-axis	25m/min			
Processing capability	Drilling	0.15~4mm			
Tool magazine		Pneumatic press tool change			
Repeated positioning accuracy		± 0.02 mm			
Workbench size		400mm*280mm	1000mm*280mm	2000mm*280mm	3000mm*280mm
T-slot size		Uppder width 13 * lower width 20*3 cps			
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming			
System program memory		About 10000 pcs			
System external signal control		Support			
Working voltage		AC 220V/50HZ			
Floor area		850mm*900mm*1700mm	2500mm*1500mm*1700mm	3500mm*1500mm*1700mm	4500mm*1500mm*1700mm
Machine tool weight		About 500kg	About 1000kg	About 1500kg	About 2000kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-430HD(R)N5
Four-axis CNC high speed drilling machine (Automatic tool changer)





Features

- ◆ This is a small, four-axis high-speed drilling machine with an effective stroke of 400mm on the X-axis, 300mm on the Y-axis, 200mm on the Z-axis, and 360-degree rotation on the A-axis. It is suitable for processing products that require multi-angle automatic indexing and automatic positioning drilling.
- ◆ It uses a 60,000 RPM precision high-speed spindle, ensuring high processing efficiency and precise positioning.
- ◆ The spindle has a built-in internal water cooling system to protect it during long-term high-speed operation, controlling spindle temperature and improving processing stability.
- ◆ It can process 0.07-3.0mm thick stainless steel or other high-hardness products, producing products with virtually no burrs.
- ◆ It is equipped with a linear tool magazine, enabling automatic tool switching for multiple hole diameters, making tool changes convenient and quick.

Processing case



Technical Parameter All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-430HD(R)N5
Processing stroke (stroke can be customized)	X-axis	400mm
	Y-axis	300mm
	Z-axis	200mm
	A-axis	360°
Spindle	Speed	3000~60000rpm (Can be configured according to actual demand)
	Taper hole	ER20
	Power	0.55~3.0kw (Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	25m/min
	Z-axis	25m/min
Processing capability	Drilling	0.07~3.0mm
Tool magazine		automatic tool changer (5 tools)
Repeated positioning accuracy		0.02mm
Workbench size		400mm*280mm
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 220V/50HZ
Floor area		850mm*900mm*1700mm
Machine tool weight		About 600kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-500HDD (R2) CNC double-head round tube high speed drilling machine





Features

- ◆This model is a multi-functional, automatic rotary CNC fully automatic double-head high-speed drilling machine.
- ◆It adopts two precision high-speed 60,000 rpm spindles, simultaneously drilling two identical products to achieve double the processing efficiency (one-to-two output). The high-speed spindles are equipped with water-cooling circulation to protect the spindle temperature during long-term high-speed operation.
- ◆Pneumatic push-type tool changer for convenience and speed.
- ◆Lightweight spindle design for fast movement and improved processing efficiency.
- ◆The entire machine assembly undergoes precision testing and error compensation using an imported American API laser engraving instrument, with overall machine accuracy controlled within 0.02mm.

Processing case



Technical Parameter All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-500HDD(R2)
Processing stroke (stroke can be customized)	X-axis	500mm
	Y-axis	200mm
	A-axis	360°
Spindle	Speed	3000~60000rpm (Can be configured according to actual demand)
	Taper hole	Reducer Sleeve
	Power	0.55~3.0kw (Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	25m/min
	A-axis	25m/min
Processing capability	Drilling	0.2~3mm
Rotary shaft clamping diameter		≤80mm*2 sets
Tool magazine		Pneumatic press-to-change tool
Repeated positioning accuracy		0.02mm
Backlash (before laser compensation)		0.02mm
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 220V/50HZ
Floor area		1400mm*1600mm*1700mm
Machine tool weight		About 1000kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-2030HDD CNC dual head high speed drilling machine



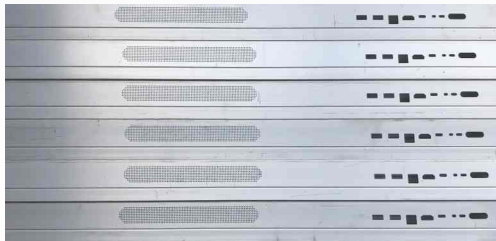
Scan to Watch the machining video for this model



Features

- ◆ This model is a dual spindle micro-hole high-speed drilling machine.
- ◆ Two 60000rpm high-speed spindles process two products at the same time, and the efficiency is doubled.
- ◆ Pneumatic press tool change, convenient and fast.
- ◆ Lightweight design of spindle structure, fast moving speed and improved processing efficiency.

Processing case



Technical Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-1530HDD	DNC-2030HDD	DNC-3030HDD
Processing stroke (stroke can be customized)	X-axis	1500mm	2000mm	3000mm
	Y-axis	300mm		
	Z-axis	200mm		
Spindle	Speed	3000~60000rpm (Can be configured according to actual demand)		
	Power	0.55kw~3.0kw (Can be configured according to actual demand)		
Movement Speed	X-axis	30m/min~60m/min		
	Y-axis	25m/min		
	Z-axis	25m/min		
Processing capability	Drilling	0.15~4mm		
Spindle center spacing		150mm(Can be configured according to actual demand)		
Tool magazine		Pneumatic press tool change		
Repeated positioning accuracy		±0.02mm		
Workbench size		1500mm*280mm	2000mm*280mm	3000mm*280mm
T-slot size		Uppder width 13 * lower width 20*3 pcs		
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming		
System program memory		About 10000 pcs		
System external signal control		Support		
Working voltage		AC 220V/50HZ		
Floor area		2500mm*1500mm*1700mm	3500mm*1500mm*1700mm	4500mm*1500mm*1700mm
Machine tool weight		About 1000kg	About 1500kg	About 2000kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-2015(4HD) CNC four-head high speed drilling machine



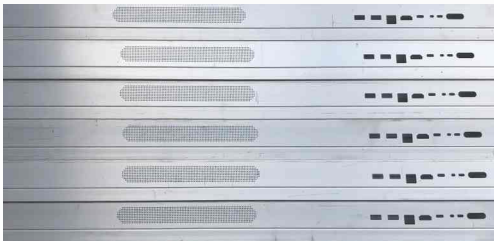
Scan to Watch the machining video for this model



Features

- ◆This model is a four-spindle high-speed drilling machine for micro-holes.
- ◆Four 60,000 rpm high-speed spindles process two products simultaneously, quadrupling efficiency.
- ◆Pneumatic push-button tool changer for convenience and speed.
- ◆Lightweight spindle design for fast movement and improved processing efficiency.
- ◆Built-in water cooling system for the spindle; controls spindle temperature and improves processing stability during prolonged high-speed use.

Processing case



Technical Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-2015(4HD)
Processing stroke (stroke can be customized)	X-axis	2000mm
	Y-axis	300mm
	Z-axis	200mm
Spindle	Speed	3000~60000rpm (Can be configured according to actual demand)
	Taper hole	Reducer Sleeve
	Power	0.55~3.0kw (Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	25m/min
	Z-axis	25m/min
Processing capability	Drilling	0.07~3.0mm
Spindle center distance		150mm(Can be configured according to actual demand)
Tool magazine		Pneumatic press-to-change tool
Repeated positioning accuracy		0.02mm
Workbench size		2000mm*280mm
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 220V/50HZ
Floor area		3500mm*1500mm*1700mm
Machine tool weight		About 1800kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-2040HD-F five-axis CNC high speed drilling machine



Scan to Watch the machining video for this model

Features

- ◆ This model is a five-axis high-speed micro-hole drilling machine, professionally designed for drilling angled holes at multiple angles in round pipes.
- ◆ The X-axis has an effective travel of two meters, the rotary axis has a clamping diameter of 450mm, and the Z-axis can rotate 90 degrees to the left and right perpendicular to the rotary axis. The base and worktable are fixed, while the spindle moves during machining, resulting in better machine rigidity.
- ◆ The spindle uses a 60,000 RPM high-speed spindle, capable of machining holes from 7 microns to 3.0mm in diameter.
- ◆ The spindle features a lightweight design, allowing for fast movement and improved machining efficiency.
- ◆ The spindle has a built-in water-cooling circulation system, controlling spindle temperature during prolonged high-speed use and improving machining stability.

Processing case



Technical Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-2040HD-F
Processing stroke (stroke can be customized)	X-axis	2000mm
	Y-axis	400mm
	Z-axis	200mm
	A-axis	360
	B-axis	±90°
Spindle	Speed	3000~60000rpm (Can be configured according to actual demand)
	Taper hole	Reducer Sleeve
	Power	0.55~3.0kw (Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	25m/min
	Z-axis	25m/min
Processing capability	Drilling	0.07~3.0mm
Rotary shaft clamping diameter		30~450mm (Can be configured according to actual demand)
Tool magazine		Pneumatic press-to-change tool
Drive servo motor power		X-axis/Y-axis/Z-axis/A-axis: 0.75 (kw)
Repeated positioning accuracy		0.02mm
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 220V/50HZ
Floor area		3600mm*1550mm*1700mm
Machine tool weight		About 1800kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-3535(4HD) muti-spindle gantry CNC high speed drilling machine



Scan to Watch the machining video for this model

Features

- ◆ Employs four 60,000 RPM high-speed spindles simultaneously for high-efficiency machining.
- ◆ Dual-drive transmission: the X-axis is driven by the spindle moving laterally on the crossbeam, and the Y-axis by the crossbeam moving longitudinally along the bed. This ensures stable and rapid crossbeam movement while significantly improving motion positioning accuracy and overall machine rigidity.
- ◆ The Z-axis is divided into two groups, A and B, with four drilling spindles. The A and B groups are driven separately by a brake motor and can be raised and lowered independently, facilitating tool compensation and quick tool changes.
- ◆ The equipment features a multi-point touch intelligent anti-collision device to ensure that the A and B groups of spindles do not interfere with each other during machining.
- ◆ Before leaving the factory, the entire machine undergoes accuracy testing and compensation using an imported American API laser interferometer, ensuring an overall accuracy within 0.02mm.



Technical Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-3535(4HD)
Processing stroke (stroke can be customized)	X-axis	3500mm
	Y-axis	3500mm
	Z-axis	200mm
Spindle	Speed	3000~60000rpm (Can be configured according to actual demand)
	Taper hole	Reducer Sleeve
	Power	0.55~3.0kw (Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	25m/min
	Z-axis	25m/min
Processing capability	Drilling	0.2~4.0mm
Drive servo motor power		X-axis 1.5 (KW) * 2 sets; Y-axis dual drive 1.5 (KW) * 2 sets; Z-axis 1.2 (KW) * 2 sets
Tool magazine		Pneumatic press-to-change tool
Workbench size		0.02mm
Repeated positioning accuracy		3700mm*3700mm
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 220V/50HZ
Floor area		60000mm*5500mm*2000mm
Machine tool weight		About 7000kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-1050N60 muti-spindle gantry CNC high speed drilling machine

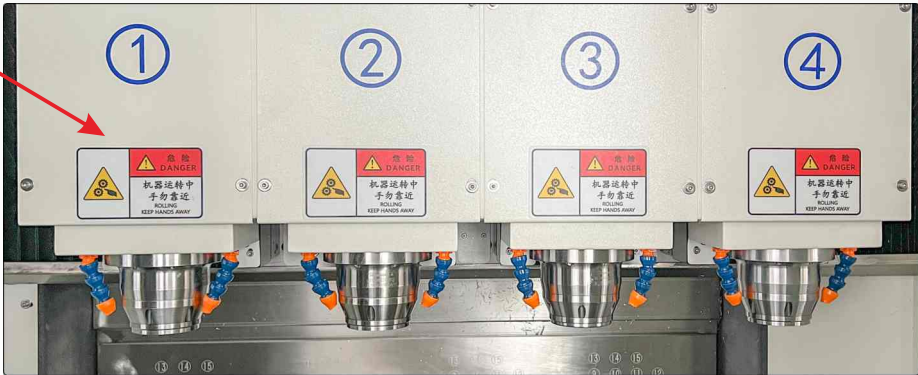


Scan to Watch the machining video for this model



Features

- ◆This model is a CNC multi-head high-speed drilling and milling machine, suitable for automatic drilling, tapping, milling, and chamfering of metal products.
- ◆The four spindles work together to precisely machine four products simultaneously, greatly optimizing the machining process and improving product quality and production efficiency.
- ◆The equipment has high-precision machining capabilities, enabling the machining of complex parts while ensuring machining quality and accuracy requirements.
- ◆The tool magazine can hold 60 tools, allowing multiple machining operations to be completed in a single setup, improving production efficiency. Before leaving the factory, the entire machine undergoes accuracy testing and compensation using an imported American API laser interferometer, ensuring an overall accuracy within 0.02mm.



Technical Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item	DNC-1050N60
Main structure	Granite
Sheet metal exterior	Full enclosure
Control system	CNC machining center system
Servo motor	Delta absolute AC servo motors
Transmission components	Three axes use German Rexroth guideways and lead screws, Japanese NSK bearings
Tapered hole	ER20
X axis	30m/min~60m/min
Y axis	25m/min
Z axis	25m/min
Drilling	1~20mm
Tapping	M2-M20
Chamfering	1~20mm
Tool magazine	Automatic tool changer with 60 tools
Repeated positioning accuracy	0.02mm
Workbench size	2000mm*280mm
Drive servo motor power	X-axis 1.5 (KW) * 2 sets; Y-axis dual drive 1.5 (KW) * 2 sets; Z-axis 1.2 (KW) * 2 sets
Programming mode	CAD file import/ computer programming/ instructional programming/ manual programming
System program memory	About 10000 pcs
System external signal control	Support
Working voltage	AC 220V/50HZ
Floor area	3500mm*1500mm*1700mm
Machine tool weight	About 1600kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-430D



扫一扫
观看此机型加工视频

DNC-430DT



Scan to
Watch the machining
video for this model



Features

- ◆ Programming-free CNC system, easy to operate.
- ◆ Full servo motor transmission control, good positioning accuracy and high stability.
- ◆ Exquisite and small, less space, one employee can operate multiple equipment at the same time.
- ◆ Optional drill bit automatic alarm stop function.
- ◆ Signal ports can be reserved and used with the assembly line at will



Technical
Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-430D	DNC-630D	DNC-430DT
Processing stroke (stroke can be customized)	X-axis	400mm	600mm	400mm
	Y-axis	300mm	300mm	300mm
	Z-axis	120mm	120mm	120mm
Spindle	Speed	3000~60000rpm (Can be configured according to actual demand)		
	Taper hole	ER20		
	Power	0.55kw~3.0kw (Can be configured according to actual demand)		
Movement Speed	X-axis	25m/min		
	Y-axis	25m/min		
	Z-axis	25m/min		
Processing capability	Drilling	1~14mm		
	Tapping	1~14mm		
	Chamfering	-		M2~M14
Tool magazine		Automatic tool change		
Repeated positioning accuracy		±0.02mm		
Workbench size		400mm*280mm	600mm*280mm	600mm*280mm
T-slot size		Uppder width 13 * lower width 20		
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming		
System program memory		About 10000 pcs		
System external signal control		Support		
Working voltage		AC 220V/50HZ		
Floor area		850mm*900mm*1700mm	1000mm*1000mm*1700mm	1000mm*1000mm*1700mm
Machine tool weight		About 500kg	About 550kg	About 650kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-1540N10 automatic tool changing high-speed drilling and tapping machine



Features

- ◆The machine tool adopts CNC numerical control system, which can import CAD drawings into the automatic generation program, and the operation is simpler.
- ◆This model is a multi-functional equipment integrating drilling, tapping, chamfering and light sharp cutting of aluminum.
- ◆ Semi-closed structure, convenient for employees to load and unload materials during non-stop circular processing.
- ◆ Large stroke can clamp multiple products at the same time, set up multiple zero points to achieve multi-station processing.
- ◆ Automatic tool change function of row knife type is adopted to install multiple tools to complete multi-specification aperture or multi-process processing.

Use Scenarios



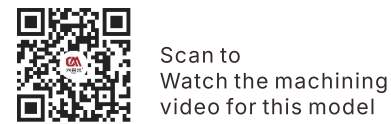
Technical
Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-640N6	DNC-1040N10	DNC-1540N10	DNC-2040N10
Processing stroke (stroke can be customized)	X-axis	600mm	1000mm	1500mm	2000mm
	Y-axis	400mm			
	Z-axis	200mm			
Spindle	Speed	3000~24000rpm (Can be configured according to actual demand)			
	Taper hole	ISO25			
	Power	2.2kw~3.7kw (Can be configured according to actual demand)			
Movement Speed	X-axis	30m/min~60m/min			
	Y-axis	25m/min			
	Z-axis	25m/min			
Processing capability	Drilling	1~12mm			
	Tapping	M2~M8			
	Chamfering	1~12mm			
Tool magazine		Automatic tool change (6-10 tools are optional)			
Repeated positioning accuracy		±0.01mm			
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming			
System program memory		About 10000 pcs			
System external signal control		Support			
Working voltage		AC 380V/50HZ			
Floor area		1600mm*1000mm*1700mm	2200mm*1500mm*1700mm	2600mm*1500mm*1700mm	3200mm*1500mm*1700mm
Machine tool weight		About 600kg	About 1200kg	About 1500kg	About 1800kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-1030D single shaft automatic drilling machine



Features

- ◆ This model is a multi-functional drilling and milling machine integrating milling, drilling and chamfering.
- ◆ The machine tool adopts CNC numerical control system, which has stable performance and easy operation.
- ◆ Machine tool imported guide rail screw and high-strength mechanical spindle provides higher precision, higher performance and stability.
- ◆ CAD automatic import drawing function can be configured, easy to operate



Processing case



Technical
Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

项目		DNC-1030D	DNC-2030D	DNC-3030D	DNC-4030D
Processing stroke (stroke can be customized)	X-axis	1000mm	2000mm	3000mm	4000mm
	Y-axis	300mm			
	Z-axis	200mm			
Spindle	Speed	1500~24000rpm (Can be configured according to actual demand)			
	Taper hole	ER20			
	Power	0.55kw~3.0kw (Can be configured according to actual demand)			
Movement Speed	X-axis	30m/min~60m/min	30m/min~60m/min	30m/min~60m/min	60m/min
	Y-axis	25m/min			
	Z-axis	25m/min			
Processing capability	Drilling	1~20mm			
	Chamfering	1~20mm			
Tool magazine		Manual tool change			
Repeated positioning accuracy		±0.02mm			
Workbench size		1000mm*280mm	2000mm*280mm	3000mm*280mm	4000mm*280mm
T-slot size		Uppder width 13 * lower width 20			
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming			
System program memory		About 10000 pcs			
System external signal control		Support			
Working voltage		AC 220V/50HZ			
Floor area		2200mm*1500mm*1700mm	3200mm*1500mm*1700mm	4200mm*1500mm*1700mm	5200mm*1500mm*1700mm
Machine tool weight		About 1000kg	About 1500kg	About 2000kg	About 2500kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

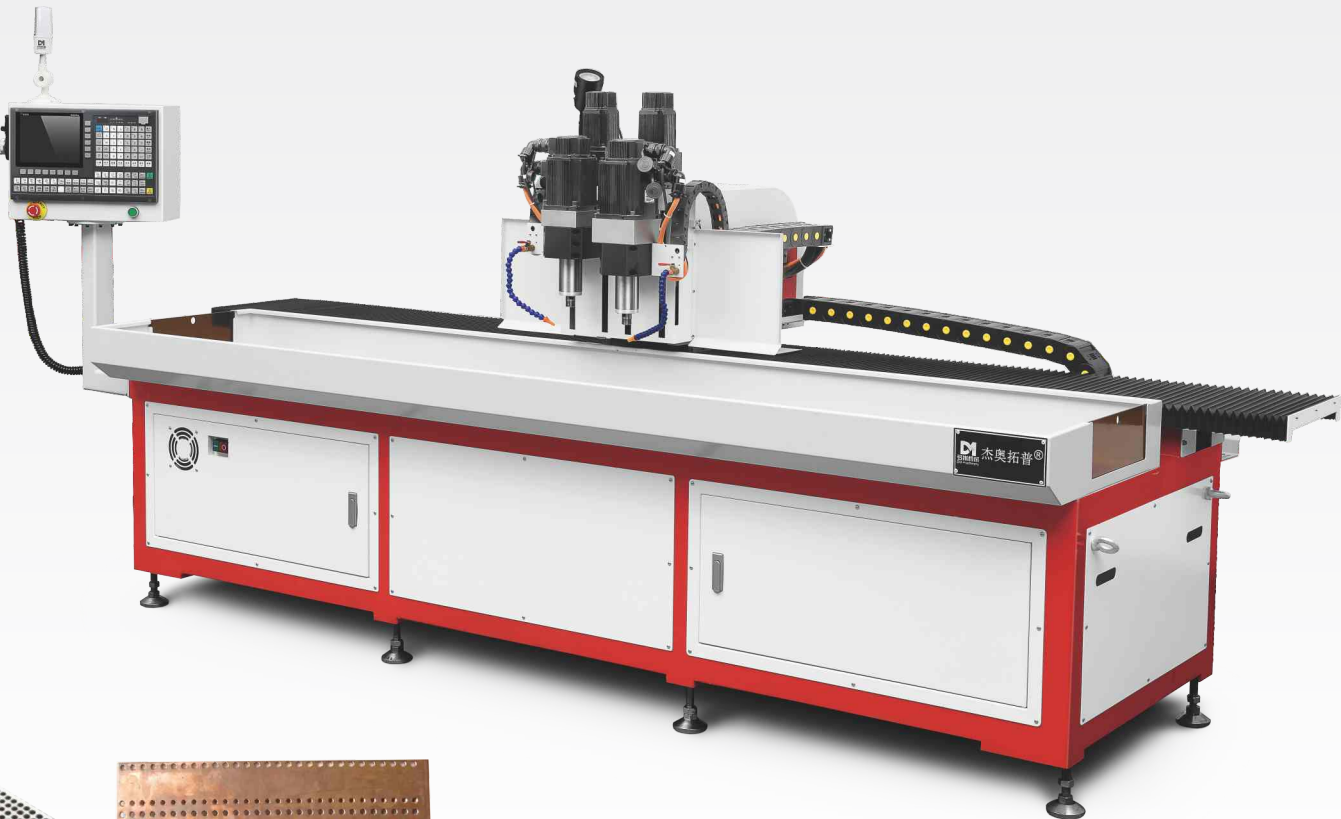
DNC-2030DT dual axis drilling and tapping all-in-one machine



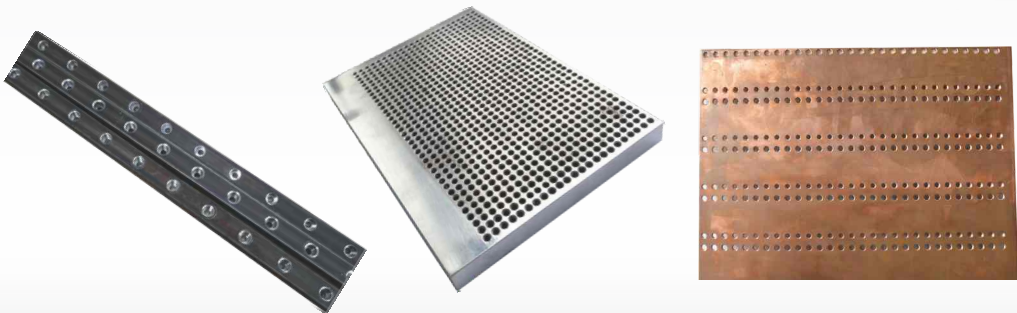
Scan to
Watch the machining
video for this model

Features

- ◆ This model is suitable for drilling, tapping and chamfering processing of various flat products.
- ◆ Five-axis CNC machining center numerical control system provides stable performance and easy operation.
- ◆ Dual spindle independent servo control, drilling and tapping is completed at one time.
- ◆ The machine tool adopts moving beam structure, and the open structure of the workbench is suitable for clamping multiple products at the same time, or multi-station processing of a single product.



Processing case



Technical
Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

项目		DNC-1030DT	DNC-2030DT	DNC-3030DT	DNC-4030DT
Processing stroke (stroke can be customized)	X-axis	1000mm	2000mm	3000mm	4000mm
	Y-axis	300mm			
	Z-axis	200mm			
Spindle	Speed	1500~24000rpm (Can be configured according to actual demand)			
	Taper hole	ER20			
	Power	0.55kw~3.0kw (Can be configured according to actual demand)			
Movement Speed	X-axis	30m/min~60m/min	30m/min~60m/min	30m/min~60m/min	60m/min
	Y-axis	25m/min			
	Z-axis	25m/min			
Processing capability	Drilling	1~20mm			
	Tapping	M2-M14			
	Chamfering	1~20mm			
Tool magazine		Manual tool change			
Repeated positioning accuracy		±0.02mm			
Workbench size		1000mm*280mm	2000mm*280mm	3000mm*280mm	4000mm*280mm
T-slot size		Uppder width 13 * lower width 20*3 pcs			
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming			
System program memory		About 10000 pcs			
System external signal control		Support			
Working voltage		AC 220V/50HZ			
Floor area		2500mm*1500mm*1700mm	3500mm*1500mm*1700mm	4500mm*1500mm*1700mm	5500mm*1500mm*1700mm
Machine tool weight		About 1100kg	About 1600kg	About 2100kg	About 2600kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-2040(4T) four spindle drilling and tapping machine



Features

- ◆ This model is a multi-axis, multi-channel CNC drilling and tapping machine, equipped with four precision servo mechanical spindles that can perform drilling and tapping simultaneously or separately.
- ◆ It adopts a CNC multi-channel numerical control system, controlling the four servo mechanical spindles respectively. Each axis can be flexibly used according to product requirements, achieving high-efficiency production of four spindles per axis.
- ◆ The equipment comes with a multi-point touch intelligent anti-collision device to ensure that two sets of dual-spindle machining will not interfere with each other.
- ◆ The machine tool has been inspected and compensated for errors using an imported American (API) laser interferometer, resulting in better precision.



Technical
Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-2040(4T)
Processing stroke (stroke can be customized)	X-axis	2000mm
	Y-axis	400mm
	Z-axis	200mm
Spindle	Speed	1500~24000rpm (Can be configured according to actual demand)
	Taper hole	ER20
	Power	0.55~3.0kw (Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	25m/min
	Z-axis	25m/min
Processing capability	Drilling	1~16mm
	Tapping	M2~M14
	Chamfering	1~20mm
Tool magazine		Manual tool change
Repeated positioning accuracy		0.02mm
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 380V/50HZ
Floor area		4000mm*1700mm*1700mm
Machine tool weight		About 1100kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-1530DDTT CNC multi-axis drilling and tapping machine

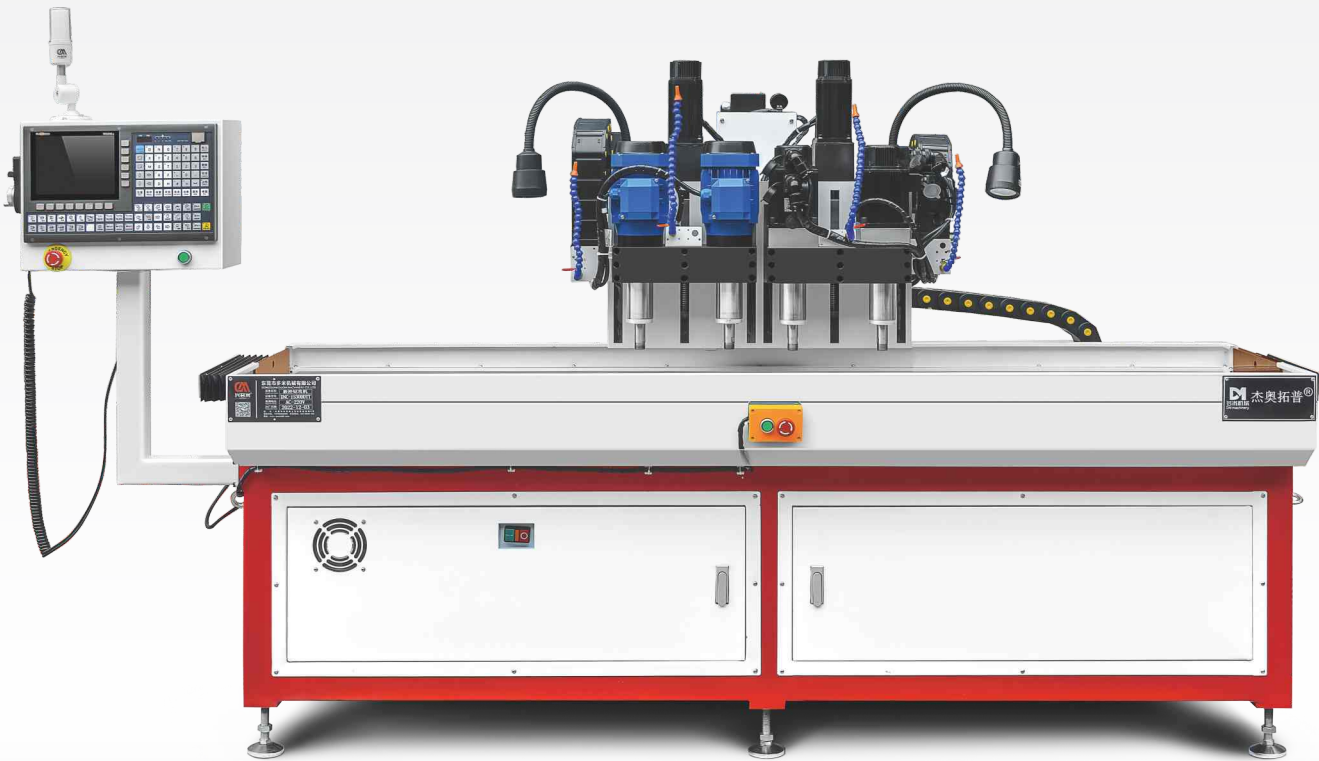
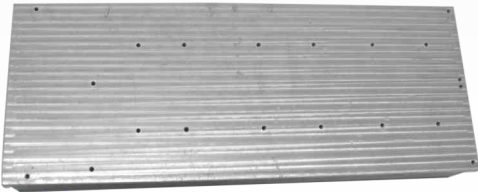
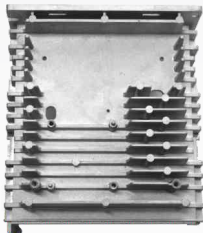


Scan to
Watch the machining
video for this model

Features

- ◆ This model is a CNC multi-axis drilling and tapping machine with dual drilling shaft and dual tapping shaft.
- ◆ The Z-axis completes the single aperture of two products or the two apertures of one product at one time, and the efficiency is doubled.
- ◆ Semi-closed structure, convenient for employees to load and unload materials during non-stop circular processing.
- ◆ Large stroke can clamp multiple products at the same time, set up multiple zero points to achieve left and right double station or multi-station processing.

Processing case



Technical
Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-1030DDTT	DNC-1530DDTT	DNC-2030DDTT	DNC-3030DDTT
Processing stroke (stroke can be customized)	X-axis	800mm	1300mm	1800mm	2800mm
	Y-axis	300mm			
	Z-axis	200mm			
Spindle	Speed	1500~24000rpm(Can be configured according to actual demand)			
	Taper hole	ER20			
	Power	0.55kw~3.0kw(Can be configured according to actual demand)			
Movement Speed	X-axis	30m/min~60m/min			
	Y-axis	25m/min			
	Z-axis	25m/min			
Processing capability	Drilling	1~20mm			
	Tapping	M2-M14			
	Chamfering	1~20mm			
Tool magazine		Manual tool change			
Repeated positioning accuracy		±0.02mm			
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming			
System program memory		About 10000 pcs			
System external signal control		Support			
Working voltage		AC 220V/50HZ			
Floor area		2500mm*1500mm*1700mm	3500mm*1500mm*1700mm	4500mm*1500mm*1700mm	5500mm*1500mm*1700mm
Machine tool weight		About 1200kg	About 1700kg	About 2200kg	About 2600kg

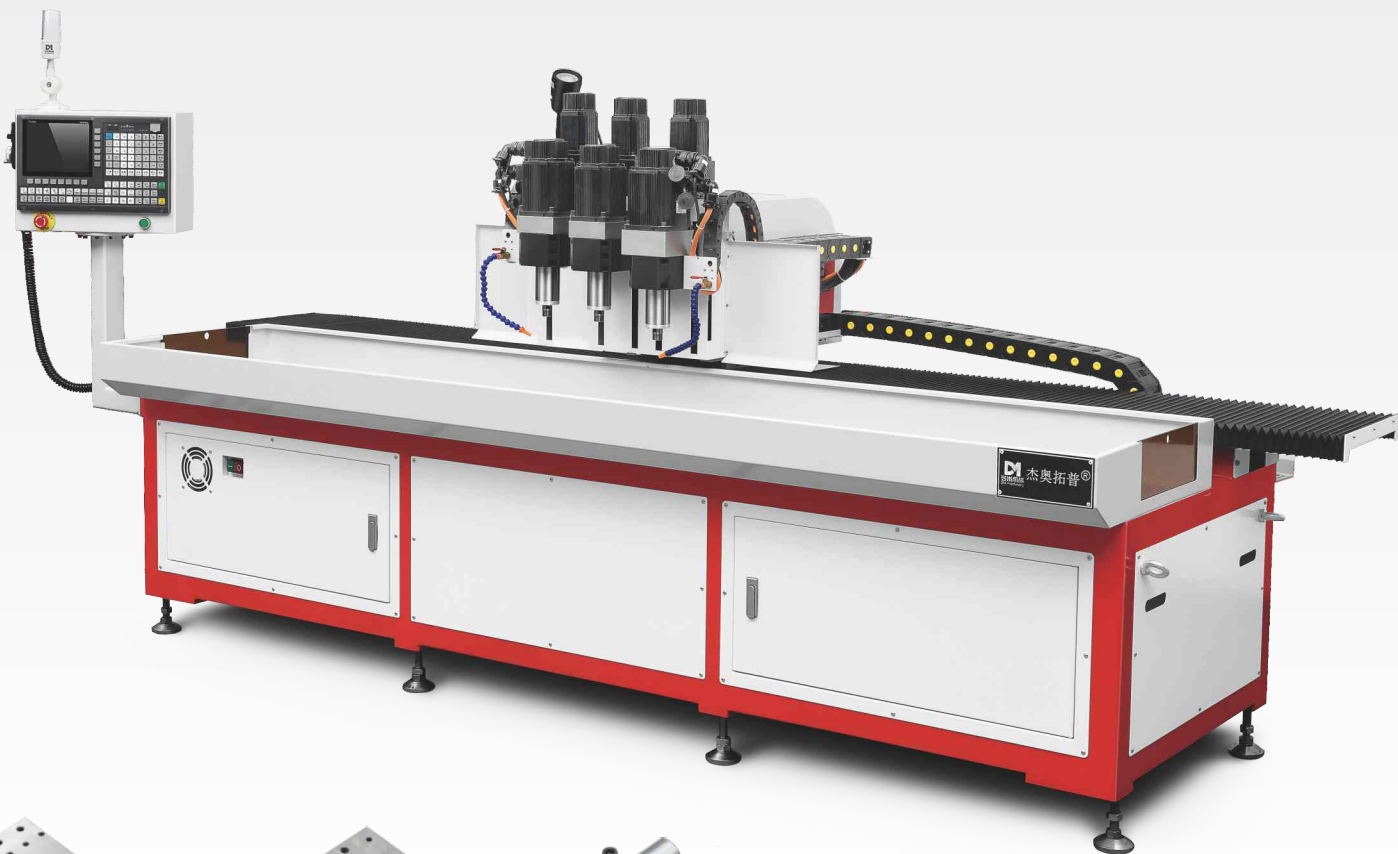
*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-2030DDT CNC multi-axis drilling and tapping machine

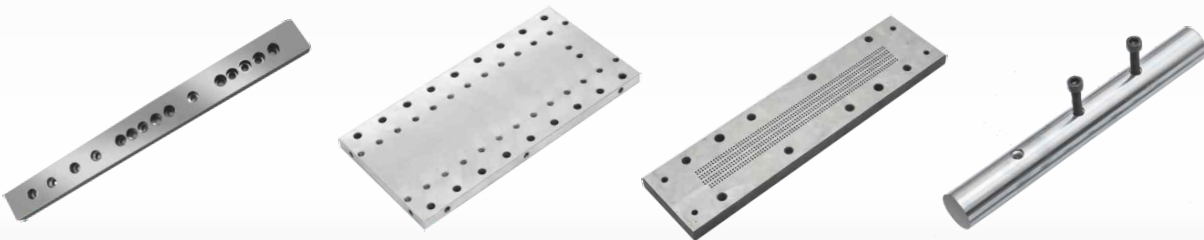


Features

- ◆ This model is a multi-functional large-scale drilling machine integrating milling, drilling, tapping and chamfering.
- ◆ The machine tool adopts high-precision mechanical spindle, and the three spindles can be equipped with 3 tools to process different processes at the same time.
- ◆ Open structure can do multi-station processing, non-stop material change cycle processing.
- ◆ Multi-head signal instant switching, fast switching speed saves tool change time.



Processing case



Technical
Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

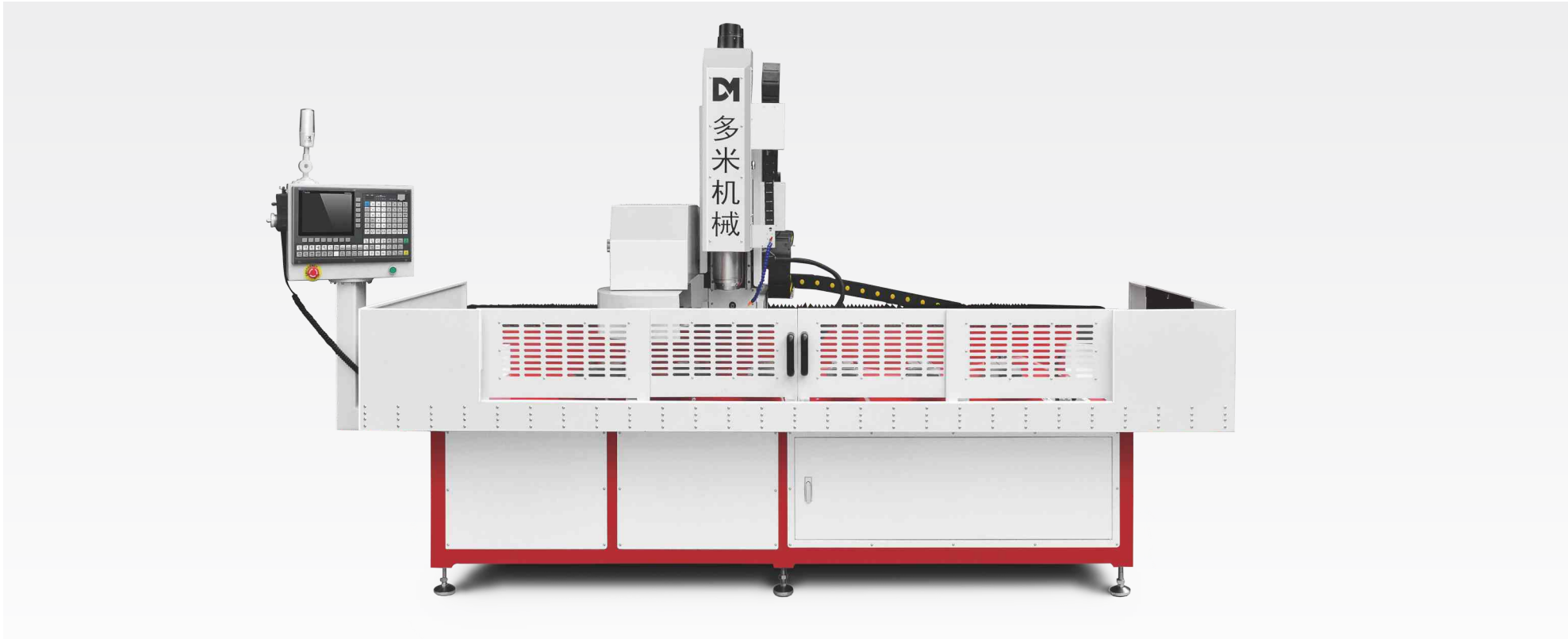
项目		DNC-1030DDT	DNC-2030DDT	DNC-3030DDT	DNC-4030DDT
Processing stroke (stroke can be customized)	X-axis	800mm	1800mm	2800mm	3800mm
	Y-axis	300mm			
	Z-axis	200mm			
Spindle	Speed	1500~24000rpm (Can be configured according to actual demand)			
	Taper hole	ER20			
	Power	0.55kw~3.0kw (Can be configured according to actual demand)			
Movement Speed	X-axis	30m/min~60m/min	30m/min~60m/min	30m/min~60m/min	60m/min
	Y-axis	25m/min			
	Z-axis	25m/min			
Processing capability	Drilling	1~20mm			
	Tapping	M2-M14			
	Chamfering	1~20mm			
Tool magazine		Manual tool change			
Repeated positioning accuracy		±0.02mm			
Workbench size		1000mm*280mm	2000mm*280mm	3000mm*280mm	4000mm*280mm
T-slot size		Uppder width 13 * lower width 20			
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming			
System program memory		About 10000 pcs			
System external signal control		Support			
Working voltage		AC 220V/50HZ			
Floor area		2500mm*1500mm*1700mm	3500mm*1500mm*1700mm	4500mm*1500mm*1700mm	5500mm*1500mm*1700mm
Machine tool weight		About 1200kg	About 1700kg	About 2200kg	About 2600kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-2040N10 CNC drilling, tapping and milling machine



Scan to
Watch the machining
video for this model



Features

- ◆ This model is a cost-effective and efficient machine tool for drilling and milling of complex parts.
- ◆ The machine tool has been strengthened by structure with low vibration and strong stability.
- ◆ BT30 high-speed spindle or BT30 high-torque mechanical spindle is optional according to product requirements.
- ◆ Equipped with spindle following tool magazine, servo direct connection tool changing action to achieve convenient and time-saving tool chang

Processing case



Technical
Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

项目		DNC-2040N10	DNC-3040N10	DNC-4040N10	DNC-5040N10
Processing stroke (stroke can be customized)	X-axis	2000mm	3000mm	4000mm	5000mm
	Y-axis	400mm			
	Z-axis	200mm			
Spindle	Speed	3000~24000rpm (Can be configured according to actual demand)			
	Taper hole	BT30			
	Power	5.5kw~7.5kw (Can be configured according to actual demand)			
Movement Speed	X-axis	30m/min~60m/min			
	Y-axis	25m/min			
	Z-axis	25m/min			
Processing capability	Drilling	1~20mm			
	Tapping	M2-M16			
	Chamfering	1~20mm			
Tool magazine		Automatic tool change (10 tools)			
Repeated positioning accuracy		±0.02mm			
Workbench size		2000mm*380mm	3000mm*380mm	4000mm*380mm	5000mm*380mm
T-slot size		Uppder width 13 * lower width 20* 3pcs			
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming			
System program memory		About 10000 pcs			
System external signal control		Support			
Working voltage		AC 380V/50HZ			
Floor area		4500mm*2000mm*2000mm	5500mm*2000mm*2000mm	6500mm*2000mm*2000mm	7500mm*2000mm*2000mm
Machine tool weight		About 2100kg	About 2700kg	About 3300kg	About 3900kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-430DT Small horizontal CNC drilling and tapping machine



Scan to Watch the machining video for this model

Features

- ◆This model is a small, dual-spindle horizontal CNC drilling and tapping machine.
- ◆The dual spindles are controlled by two separate servo drives, with a spindle switching speed as fast as 0.5 seconds. It can perform drilling and tapping of a single specification, or drilling or tapping of two different hole diameters.
- ◆The machine tool uses a T-slot flat worktable, allowing for the creation of different tooling fixtures to suit various products. It can process large single products as well as multiple smaller products simultaneously.
- ◆The front baffle features a hinged opening design. When processing large products, the front baffle can be opened to extend the product beyond the worktable, effectively accommodating the end face processing of strip-shaped products.



Technical Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-430DT
Processing stroke (stroke can be customized)	X-axis	400mm
	Y-axis	300mm
	Z-axis	120mm
Spindle	Speed	3000~24000rpm (Can be configured according to actual demand)
	Taper hole	ER20
	Power	0.55~3.0kw (Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	25m/min
	Z-axis	25m/min
Processing capability	Drilling	1~16mm
	Tapping	M3~M12
Tool magazine		Manual tool change
Repeated positioning accuracy		0.02mm
Workbench size		400mm*280mm
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 220V/50HZ
Floor area		1200mm*1200mm*1700mm
Machine tool weight		About 700kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-1530DT Horizontal CNC drilling and tapping machine



Scan to Watch the machining video for this model

Features

- ◆ This model is a dual-spindle horizontal CNC drilling and tapping machine.
- ◆ The dual spindles are controlled by two separate servo drives, with a spindle switching speed as fast as 0.5 seconds. It can perform drilling and tapping of a single specification, or drilling or tapping of two different hole diameters.
- ◆ The machine tool uses a T-slot flat worktable, allowing for the creation of different tooling fixtures to suit various products. It can process large single pieces as well as multiple smaller pieces simultaneously.
- ◆ The front baffle features a hinged opening design. When processing large products, the front baffle can be opened to extend the product beyond the worktable, effectively accommodating the end face processing of strip-shaped products.



Technical Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-1030DT	DNC-2030DT	DNC-3030DT
Processing stroke (stroke can be customized)	X-axis	1000mm	2000mm	3000mm
	Y-axis	300mm	300mm	300mm
	Z-axis	200mm	200mm	200mm
Spindle	Speed	3000~24000rpm (Can be configured according to actual demand)		
	Taper hole	ER20		
	Power	0.55~3.0kw (Can be configured according to actual demand)		
Movement Speed	X-axis	30m/min~60m/min		
	Y-axis	25m/min		
	Z-axis	25m/min		
Processing capability	Drilling	1~16mm		
	Tapping	M3~M14		
Tool magazine		Manual tool change		
Repeated positioning accuracy		0.02mm		
Workbench size		1000mm*280mm	2000mm*280mm	3000mm*280mm
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming		
System program memory		About 10000 pcs		
System external signal control		Support		
Working voltage		AC 220V/50HZ		
Floor area		2500mm*1500mm*1700mm	3500mm*1500mm*1700mm	4000mm*1500mm*1700mm
Machine tool weight		About 1400kg	About 1850kg	About 2200kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-2040N4 Automatic tool changer horizontal CNC drilling and tapping machine



Scan to Watch the machining video for this model



Features

- ◆ This model is a multi-functional three-axis automatic tool-changing horizontal drilling, tapping, and chamfering machine.
- ◆ Horizontal BT30 high-speed spindle, three-axis linkage adapts to drilling at different positions on the side.
- ◆ Four row-type tool holders on the left and right, automatic tool changing for machining multiple hole diameters.
- ◆ The machine tool adopts a T-slot flat worktable, which can be customized with different tooling fixtures according to the product, enabling the processing of single large-sized products as well as multiple smaller-sized products simultaneously.
- ◆ The front baffle adopts a hinged opening design, which can be opened when machining large products to extend the product beyond the worktable, effectively accommodating the end face machining of strip-shaped products.

Technical Parameter All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-2020N4
Processing stroke (stroke can be customized)	X-axis	2000mm
	Y-axis	200mm
	Z-axis	200mm
Spindle	Speed	3000~24000rpm (Can be configured according to actual demand)
	Taper hole	BT30
	Power	3.7~5.5kw (Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	25m/min
	Z-axis	25m/min
Processing capability	Drilling	1~20mm
	Tapping	M3~M18
Tool magazine		Automatic tool changer
Repeated positioning accuracy		0.02mm
Workbench size		2000mm*200mm
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 220V/50HZ
Floor area		4500mm*1500mm*1700mm
Machine tool weight		About 2000kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-8020(2D) Horizontal dual-spindle CNC drilling machine



Features

- ◆ This model is a custom-made horizontal CNC double-head drilling machine based on customer product processing requirements. It features two drilling mechanisms, allowing simultaneous processing of two sides of the product, thus improving efficiency.
- ◆ The intelligent CNC dual drilling mechanisms can process two sides simultaneously, ensuring precision and high efficiency, significantly optimizing the processing steps.
- ◆ It adopts a mature and stable CNC system, supporting multiple programming methods for flexible and convenient operation.
- ◆ The machine tool is equipped with an I/O interface, enabling integration with automated production lines/robotic arms to achieve efficient and intelligent production processes.
- ◆ Top blocks are evenly installed on both sides of the X-axis, ensuring the moving beam remains stationary during long-term operation and guaranteeing precision.
- ◆ The bed undergoes structural reinforcement treatment, resulting in low vibration and high stability.
- ◆ The entire machine assembly is inspected using an imported American API laser milling instrument to compensate for errors, controlling the overall machine precision to within 0.02mm.



Technical Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-8020(2D)
Processing stroke (stroke can be customized)	X-axis	800mm (Groups A and B)
	Y-axis	200mm (Groups A and B)
	Z-axis	200mm (Groups A and B)
Spindle	Speed	1000~3000rpm (Can be configured according to actual demand)
	Taper hole	ER20
	Power	0.55~3.0kw (Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	25m/min
	Z-axis	25m/min
Processing capability	Drilling	3~12mm
	Tapping	M3~M14
Tool magazine		Manual tool change
Repeated positioning accuracy		0.02mm
Workbench size		800mm*400mm
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 220V/50HZ
Floor area		2200mm*2000mm*1800mm
Machine tool weight		约1500kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-1003D(R1) round pipe high speed drilling machine



Scan to Watch the machining video for this model

Features

- ◆ This model is a multi-functional four-axis drilling and tapping equipment, which can choose dual rotary axis and dual station processing.
- ◆ The rotary shaft adopts servo motor with high-precision harmonic reducer, which has high rotation positioning accuracy and can be processed at any angle of 360 degrees.
- ◆ Processing square tube, round tube and special-shaped tube are switched by changing fixtures.
- ◆ Optional guide rail type pneumatic fixture with easy clamping and fast product switching clamping speed to improve work efficiency.



Processing case



Technical Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-1003D (R1)	DNC-2003D (R1)	DNC-3003D (R1)	DNC-4003D (R1)
Processing stroke (stroke can be customized)	X-axis	1000mm	2000mm	3000mm	4000mm
	Z-axis	200mm			
	A-axis	360°			
Spindle	Speed	1500~24000rpm (Can be configured according to actual demand)			
	Taper hole	ER20			
	Power	0.55kw~3.0kw (Can be configured according to actual demand)			
Movement Speed	X-axis	30m/min~60m/min			
	Z-axis	25m/min			
Processing capability	Drilling	1~20mm			
	Chamfering	1~20mm			
Rotary shaft clamping diameter		10~200mm (Can be configured according to actual demand)			
Tool magazine		Manual tool change			
Repeated positioning accuracy		±0.02mm			
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming			
System program memory		About 10000 pcs			
System external signal control		Support			
Working voltage		AC 220V/50HZ			
Floor area		2200mm*1500mm*1700mm	3200mm*1500mm*1700mm	4200mm*1500mm*1700mm	5200mm*1500mm*1700mm
Machine tool weight		About 1000kg	About 1500kg	About 2000kg	About 2500kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-3003DD (R1) dual head round pipe drilling machine



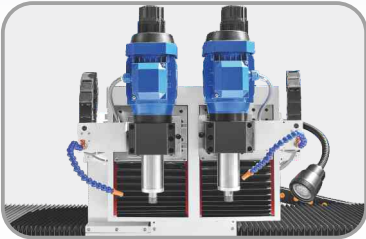
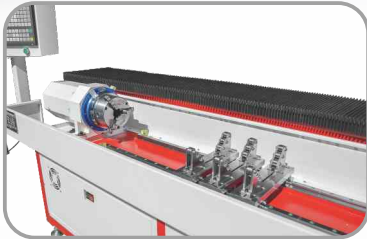
Scan to Watch the machining video for this model

Features

Features

- ◆ This model is a multi-functional four-axis drilling and tapping equipment, and the dual head can process at the same time or separately.
- ◆ The rotary shaft adopts servo motor with high-precision harmonic reducer, which has high rotation positioning accuracy and can be processed at any angle of 360 degrees.
- ◆ Processing square tube, round tube and special-shaped tube are switched by changing fixtures.
- ◆ Optional guide rail type pneumatic fixture with easy clamping and fast product switching clamping speed to improve work efficiency.
- ◆ The spindle spacing is adjustable, and the processing of products with different spacing can complete the simultaneous processing of dual spindles by adjusting the spacing of the duale spindles, and the efficiency is doubled.

Processing case



Technical Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-1003DD (R1)	DNC-2003DD (R1)	DNC-3003DD (R1)	DNC-4003DD (R1)
Processing stroke (stroke can be customized)	X-axis	800mm	1800mm	2800mm	3800mm
	Z-axis	200mm			
	A-axis	360°			
Spindle	Speed	1500~24000rpm (Can be configured according to actual demand)			
	Taper hole	ER20			
	Power	0.55kw~3.0kw (Can be configured according to actual demand)			
Movement Speed	X-axis	30m/min~60m/min			
	Z-axis	25m/min			
Processing capability	Drilling	1~20mm			
	Tapping	M2~M16			
	Chamfering	1~20mm			
Rotary shaft clamping diameter		10~200mm (Can be configured according to actual demand)			
Tool magazine		Manual tool change			
Repeated positioning accuracy		±0.02mm			
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming			
System program memory		About 10000 pcs			
System external signal control		Support			
Working voltage		AC 220V/50HZ			
Floor area		2200mm*1500mm*1700mm	3200mm*1500mm*1700mm	4200mm*1500mm*1700mm	5200mm*1500mm*1700mm
Machine tool weight		About 1000kg	About 1500kg	About 2000kg	About 2500kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-12003(2DR) CNC double-head round pipe drilling machine



Scan to Watch the machining video for this model

Features

- ◆ This model is a dual-channel, multi-functional, automatic rotary angle CNC double-head round pipe drilling machine.
- ◆ It adopts a CNC multi-channel system, controlling two sets of servo mechanical spindles respectively, allowing simultaneous drilling operations for high-efficiency production of two machines per cycle.
- ◆ The CNC system supports importing drawings to automatically generate machining programs and provides various programming methods, including teach-based programming, making operation flexible and convenient.
- ◆ The machine tool has reserved I/O interfaces, enabling it to work with robotic arms or automated production lines to achieve efficient and intelligent production processes.
- ◆ After assembly, the entire machine undergoes precision testing and error compensation using an imported American AP1 laser engraving machine, ensuring overall machine accuracy is controlled within 0.02mm.



Technical Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-12003(2DR)
Processing stroke (stroke can be customized)	X-axis	12000mm
	Y-axis	200mm
	A-axis	360
Spindle	Speed	1000~3000rpm (Can be configured according to actual demand)
	Taper hole	ER20
	Power	0.55~3.0kw (Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	15m/min~30m/min
Processing capability	A-axis	15m/min~30m/min
	Drilling	1~12mm
Rotary shaft clamping diameter		60~160mm
Tool magazine		Manual tool change
Repeated positioning accuracy		0.02mm
Backlash (before laser compensation)		0.02mm
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 220V/50HZ
Floor area		15800mm*1700mm*1900mm
Machine tool weight		About 10T

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-640 five-axis high-speed drilling machine

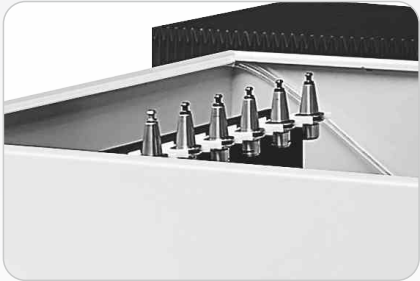


Scan to Watch the machining video for this model

Features

- ◆ This model is a multi-functional five-axis drilling and tapping equipment.
- ◆ With four-axis and five-axis rotary platform, it can process 3D curved multi-angle products.
- ◆ The rotary shaft adopts servo motor with high-precision harmonic reducer, which has high rotation positioning accuracy.
- ◆ The machine tool comes with a row tool magazine to solve the problem of multiple aperture machining of one product, and the tool change method is simple and stable.
- ◆ Exquisite and small, less space, one employee can operate multiple equipment at the same time.

Knife Gallery on display



Processing case



Technical Parameter

All the company’s machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-640 Five-axis
Processing stroke (stroke can be customized)	X-axis	600mm
	Y-axis	400mm
	Z-axis	200mm
	A-axis	360度
	B-axis	180度
Spindle	Speed	1500~60000rpm (Can be configured according to actual demand)
	Taper hole	ER20
	Power	0.55~3.0kw (Can be configured according to actual demand)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	25m/min
	Z-axis	25m/min
Processing capability	Drilling	0.15~16mm
Tool magazine		Manual tool change/ pneumatic press tool change
Repeated positioning accuracy		±0.02mm
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 220V/50HZ
Floor area		About 600kg
Machine tool weight		1200mm*1000mm*1700mm

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-8030DD CNC vertical and horizontal all-in-one drilling machine



Scan to
Watch the machining
video for this model

Features

- ◆ This model is a multi-functional five-axis drilling and tapping equipment.
- ◆ With four-axis and five-axis rotary platform, it can process 3D curved multi-angle products.
- ◆ The rotary shaft adopts servo motor with high-precision harmonic reducer, which has high rotation positioning accuracy.
- ◆ The machine tool comes with a row tool magazine to solve the problem of multiple aperture machining of one product, and the tool change method is simple and stable.
- ◆ Exquisite and small, less space, one employee can operate multiple equipment at the same time.



Application scenario diagram



Technical
Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-8030DD
Processing stroke (stroke can be customized)	X-axis	8000mm
	Y-axis	300mm
	Z-axis	200mm
Spindle	Speed	1500~24000rpm (Can be configured according to actual demand)
	Taper hole	ER20
	Power	0.55kw~3.0kw (Can be configured according to actual demand)
Movement Speed	X-axis	60m/min
	Y-axis	25m/min
	Z-axis	25m/min
Processing capability	Drilling	1~20mm
	Chamfering	1~20mm
Tool magazine		Manual tool change (2 tools)
Repeated positioning accuracy		±0.02mm
Workbench size		8000mm*280mm
T-slot size/quantity		Uppder width 13 * lower width 20
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 220V/50HZ
Floor area		11000mm*1500mm*2000mm
Machine tool weight		About 5000kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

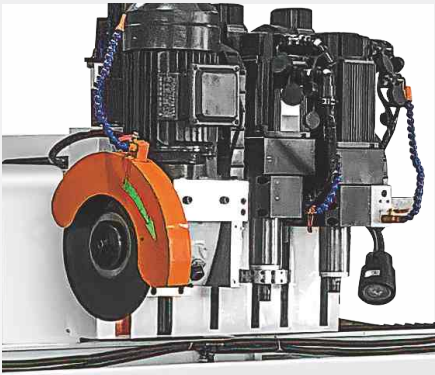
DNC-6030DTC CNC drilling, tapping and cutting composite machine



Scan to
Watch the machining
video for this model

Features

- ◆ The three processes of hot melt drilling, tapping and cutting are completed at one time, saving the time of secondary feeding and reducing equipment investment costs.
- ◆ Long-stroke machine frame tempering treatment, laser laser precision detection, to ensure that the repeated positioning accuracy of more than 5 meters $\leq 0.03\text{mm}$.
- ◆ The cylinder fixture is doubled to the top in both directions, and two products are clamped at a time and positioned separately, saving loading and unloading time and ensuring processing accuracy.
- ◆ Automatic oil lubrication system is added to each shaft to extend the service life of transmission parts and reduce the difficulty of equipment maintenance.



Technical
Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-6030DTC
Processing stroke (stroke can be customized)	X-axis	6000mm
	Y-axis	300mm
	Z-axis	200mm
Spindle	Speed	1500~24000rpm (Can be configured according to actual demand)
	Taper hole	ER20
	Power	0.55~3.0kw (Can be configured according to actual demand)
Cutting Spindle	Speed	0~3000rpm (Can be configured according to actual demand)
	Power	2.6kw
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	25m/min
	Z-axis	25m/min
Processing capability	Drilling	1~20mm
	Tapping	M2~M14
Tool magazine		Automatic tool change (2 tools)
Repeated positioning accuracy		$\pm 0.02\text{mm}$
Workbench type		T-slot worktable/slide rail worktable (Can be configured according to actual demand)
T-slot size/Quantity		Uppder width 13 * lower width 20
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 380V/50HZ
Floor area		8000mm*1500mm*2000mm
Machine tool weight		About 4500kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-2030DS visual positioning drilling machine



Scan to
Watch the machining
video for this model

Features

- ◆ This model is a multi-functional drilling and reaming equipment.
- ◆ With CCD visual positioning system, it automatically scans and identifies the hole position to ensure that the processing hole position is not biased.
- ◆ It is suitable for products with high accuracy requirements for repeated hole positions or secondary processing after processing deformation.
- ◆ It is suitable for product hole processing with non-standard product shape or no benchmark.
- ◆ Full servo motor transmission control provides good positioning accuracy and high stability.
- ◆ The machine tool has been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Visual Imaging



Technical
Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-630DS	DNC-1030DS	DNC-1530DS	DNC-2030DS
Processing stroke (stroke can be customized)	X-axis	800mm	1800mm	2800mm	3800mm
	Y-axis	300mm			
	Z-axis	200mm			
Spindle	Speed	3000~60000rpm (Can be configured according to actual demand)			
	Taper hole	ER20			
	Power	0.55~3.0kw (Can be configured according to actual demand)			
Movement Speed	X-axis	30m/min~60m/min			
	Y-axis	25m/min			
	Z-axis	25m/min			
Processing capability	Drilling	1~20mm			
	Chamfering	1~20mm			
Tool magazine		Manual tool change			
CCD visual positioning		Automatic identification of hole positions			
Repeated positioning accuracy		±0.02mm			
Workbench size		600mm*280mm	1000mm*280mm	1500mm*280mm	2000mm*280mm
T-slot size		Uppder width 13 * lower width 20			
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming			
System program memory		About 10000 pcs			
System external signal control		Support			
Working voltage		AC 220V/50HZ			
Floor area		1200mm*1000mm*1700mm	2500mm*1500mm*1700mm	3000mm*1500mm*1700mm	3500mm*1500mm*1700mm
Machine tool weight		About 600kg	About 1000kg	About 1300kg	About 1600kg

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

DNC-550C visual positioning grooving machine

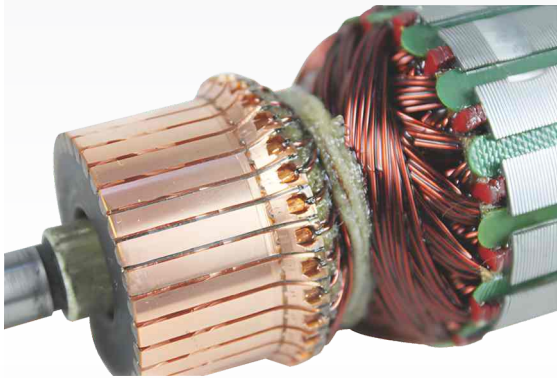


Scan to
Watch the machining
video for this model

Features

- ◆ This model is a CNC grooving machine developed for motor rotor commutator slot cutting
- ◆ With CCD visual positioning system, it automatically scans and identifies the slot to ensure that the processing slot is not biased.
- ◆ Full servo motor transmission control provides good positioning accuracy and high stability.
- ◆ With industrial vacuum cleaner, when the cutting spindle is cutting, the industrial vacuum cleaner will suck the residue out of the machine tool to form chipless processing.
- ◆ The rotary shaft adopts servo motor with high-precision harmonic reducer, which has high rotation positioning accuracy and can be processed at any angle of 360 degrees.

Processing case



Technical
Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DNC-550C
Processing stroke (stroke can be customized)	X axis	550mm
	Y axis	100mm
	Z axis	100mm
	A axis	360°
Cutting spindle	Speed	1500~6000rpm (Can be configured according to actual demand)
	Power	0.55~3.0kw (Can be configured according to actual demand)
A-axis rotating accuracy	Radial run-out	±0.015mm
	Axial run-out	±0.015mm
Bearing support	Height of center	130~150mm
	Length	50~550mm
	Rotor support	Scroll/ manual adjustable
Dust absorption parameter		≥3.0kW Air volume: ≥300m³/hour
Core outer diameter		0-Φ200mm
Repeated positioning accuracy		±0.02mm
Clamping diameter range		Φ50~80mm
Recognition system		CCD image measurement
Recognized slot number		0~120
System program memory		Can store not less than 50 groups of programs
Working voltage		≤0.6MPa
Working voltage		AC 220V/50HZ
Machine tool weight		About 1600kg
Floor area		1400mm*1600mm*2100mm

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

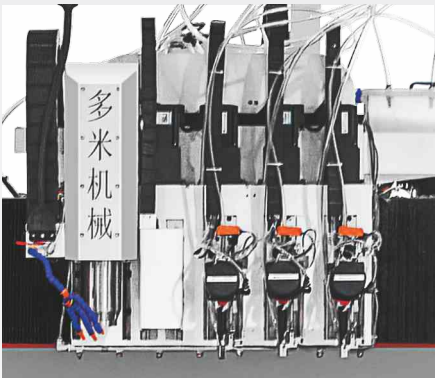
DHC-3028N10 CNC drilling, tapping and riveting composite machine



Scan to
Watch the machining
video for this model

Features

- ◆ A multi-functional CNC machine integrating CCD visual imaging, automatic drilling chamfering and automatic riveting
- ◆ CCD vision system automatically scans and identifies hole positions, accurate and efficient.
- ◆ After the vibrating plate feeds nails, the machine tool automatically pulls the rivet, and the 3 riveting guns switch the rivet action and rivet diameter at will.
- ◆ The Y-axis is a dual drive, and the heavy-duty ball linear slide rail is combined with a double-set transmission mechanism to ensure the smooth operation of the moving beam.
- ◆ It adopts widened and thickened moving beam type door structure form, and the spindle will not shake when accelerating and decelerating, and the speed is fast and stable.
- ◆ The machine tool side is equipped with a row tool magazine, and the multi-specification hole diameter drilling chamfering process is clamped at one time to complete the processing.



Technical
Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

Item		DHC-3028N10
Processing stroke (stroke can be customized)	X-axis	2800mm
	Y-axis	3000mm
	Z-axis	200mm
Spindle	Speed	1500~24000rpm (Can be configured according to actual demand)
	Taper hole	ISO25
	Power	2.2kw (Can be configured according to actual demand)
Visual scanning	Identification range	2800*3000(mm)
Movement Speed	X-axis	30m/min~60m/min
	Y-axis	30m/min~60m/min
	Z-axis	25m/min
Processing capability	Drilling	1~20mm
Other functions		CCD automatically finds the hole position Automatic nail feeding and drawing
Tool magazine		Automatic row tool change (10 tools)
Repeated positioning accuracy		±0.02mm
Workbench type		T-slot worktable/slide rail worktable (Can be configured according to actual demand)
T-slot size/ quantity		Uppder width 13 * lower width 20
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 380V/50HZ
Floor area		About 5000kg
Machine tool weight		5000mm*4800mm*2300mm

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!

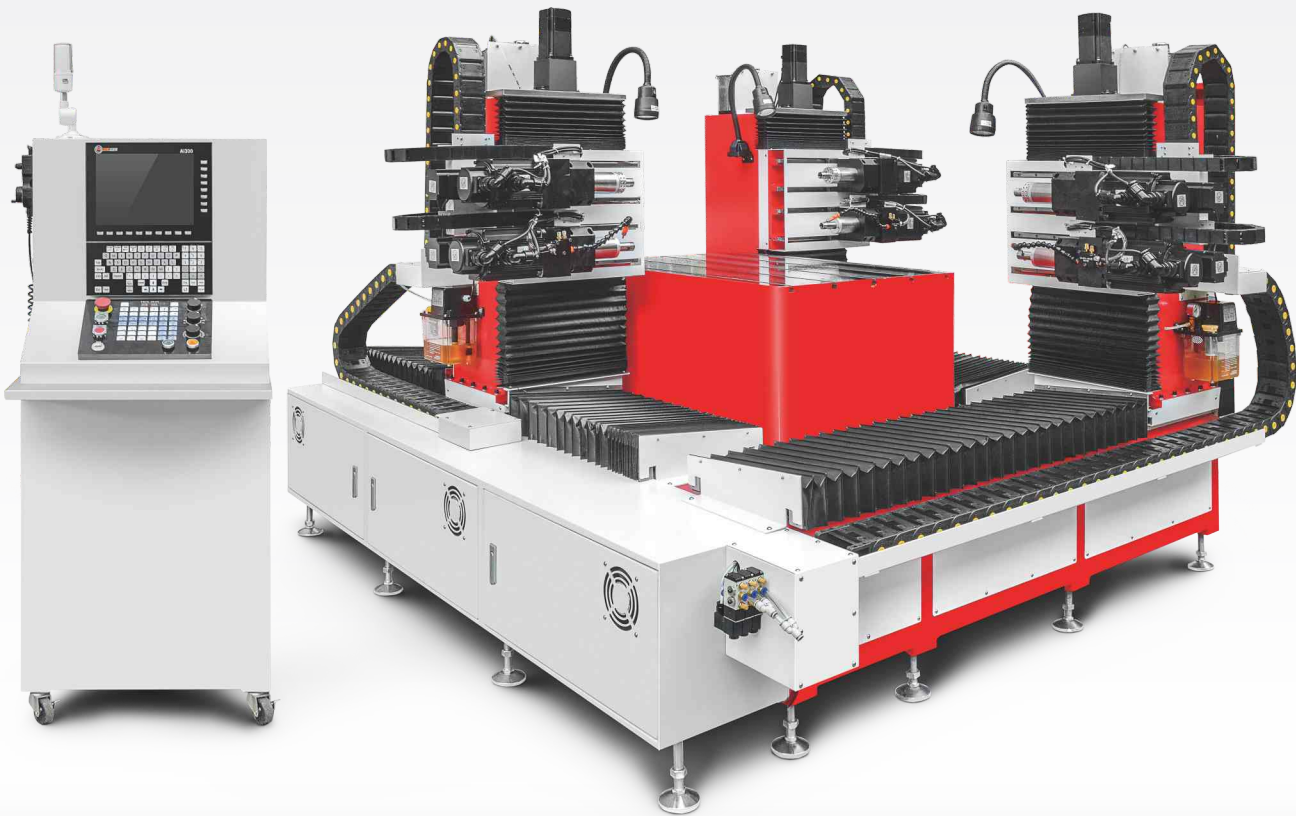
DNC-1080DT(6) Horizontal three-sided hot melt drilling and tapping machine



Scan to
Watch the machining
video for this model

Features

- ◆ This machine is a multi-face machining equipment designed for simultaneous drilling and tapping of three sides of the same product.
- ◆ A CNC bus system controls 12 sets of servo drives and 6 sets of spindle drive units, allowing the three side spindle workstations to operate independently without interference.
- ◆ Complete two processing steps on three sides in a single setup, doubling efficiency.
- ◆ Safety light curtain protection devices are installed in the loading and unloading areas, ensuring safe and efficient human-machine collaboration.

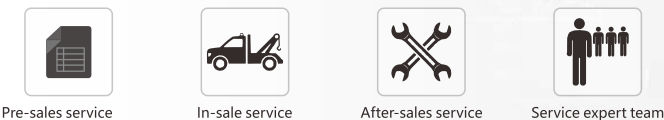


Technical
Parameter

All the company's machine tools have been tested by the American (API) laser interferometer, compensated for correcting errors to provide better accuracy!

项目		DNC-1080DT(6)
Processing stroke	X1*Y1*Z1 axis	1000mm*200mm*200mm
	X2*Y2*Z2 axis	1000mm*200mm*200mm
	X3*Y3*Z3 axis	800mm*200mm*200mm
Spindle	Speed	1500~24000rpm (Can be configured according to actual demand)
	Taper hole	ER20
	Power	0.55kw~3.0kw (Can be configured according to actual demand)
Movement Speed	X axis	30m/min~60m/min
	Y axis	25m/min
	Z axis	25m/min
Processing capability	Drilling	1~20mm
	Tapping	M2~M14
	Chamfering	1~20mm
Tool magazine		Manual tool change
Repeated positioning accuracy		±0.02mm
Workbench format		T-slot worktable / sliding rail worktable (Can be configured according to actual demand)
T-slot dimensions/quantity		Uppder width 13 * lower width 20
Programming mode		CAD file import/ computer programming/ instructional programming/ manual programming
System program memory		About 10000 pcs
System external signal control		Support
Working voltage		AC 220V/50HZ
Floor area		2600mm*2300mm*1700mm
Machine tool weight		About 3500KG

*All models can be changed and customized according to customer requirements, all starts from customers to meet customer needs!



Initiative, Rapid and High Efficiency

Worry-free service

Adhering to the service concept of “providing complete solutions and optimal equipment selection, serving every user attentively”, DUOMI takes rapid response and efficient service as the service requirements, so that customers can carry out standardized services in an all-round way from equipment selection, processing technology technical support, equipment lifelong maintenance, etc., so that customers can be worry-free throughout the process, and use the rest assured and with satisfaction.

Pre-sales service

- According to the customer’s processing needs, provide customers with the best equipment selection plan.

In-sale service

- According to customer needs, provide technical support before machine installation, personnel training, pre-acceptance of equipment before delivery, etc.

After-sales service

- Arrange service engineers from service centers around the world to train equipment in installation and commissioning, operation and use, maintenance and other services, and provide timely and efficient on-site maintenance, processing technology plan optimization, regular return visit and maintenance.

Technical service expert team

- An expert team composed of a number of senior machine tool application engineers, mechanical engineers, electrical engineers, after-sales engineers, etc. assists the service department to do a good job in the support and guarantee of pre-sales, sales, after-sales and other links.

