



COMPANY PROFILE

SUZHOU BMG PRECISION MACHINERY CO., LTD.



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ABOUT US

Suzhou BMG Precision Machinery Co., Ltd., located in Xiangcheng Economic Development Zone, Suzhou, Jiangsu Province, China, it is a high-tech innovative enterprise with independent R & D and production capacity in close cooperation with colleges and universities. Our company's main products are CNC Wire-Cut Electric Discharge Machines such as "WEDM-HS" and "WEDM-LS", and carries out sales and technical services at home and abroad.

We pay much attention to product quality and after-sales service. "Quality first, Service first and Customer first" is the company's consistent guideline and enterprise development direction.

BMG people take improving China's manufacturing equipment as their own responsibility, and are committed to providing WEDM-HS and WEDM-LS with reliable quality, excellent performance and outstanding cost performance to the majority of enterprises, military units and educational institutions.

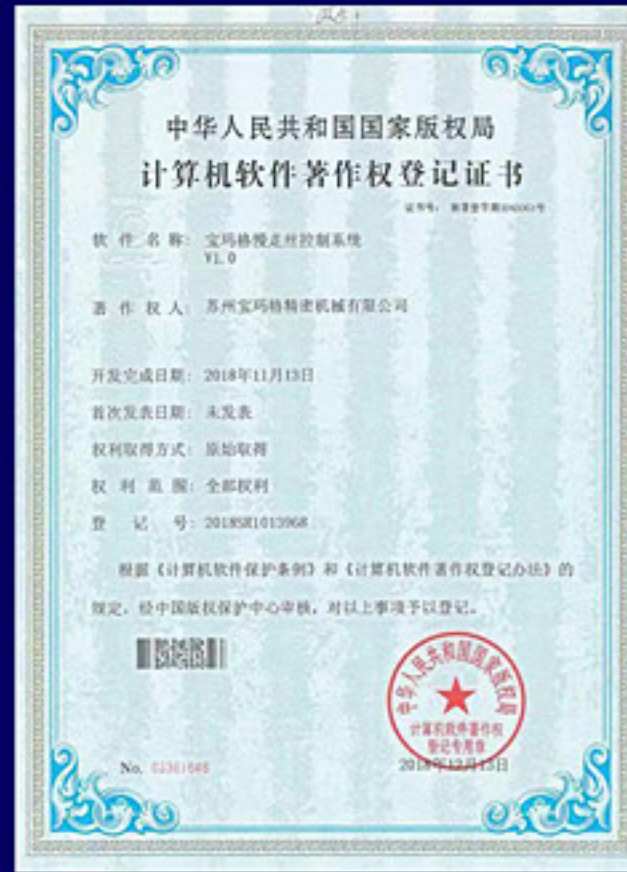
The company took the lead in launching the "Five-Axis CNC Wire-Cut Electric Discharge Machine" in China, which is equipped with 0.1 μm intelligent control system of low-speed wire cutting with high resolution, fundamentally improves the performance of mid-speed wire cutting machine tool, realizes the accuracy comparable to that of low-speed wire cutting machine tool, and brings great convenience and high stability to customers.

After more than 12 years of R & D and experience accumulation, BMG company has become a source manufacturer with truly independent intellectual property rights, complete mastery of system source code and core technology.





CERTIFICATES AND PATENTS





OUR WORKSHOP



Aging Treatment Site



Painting Workshop



Processing Workshop



Assembly Workshop



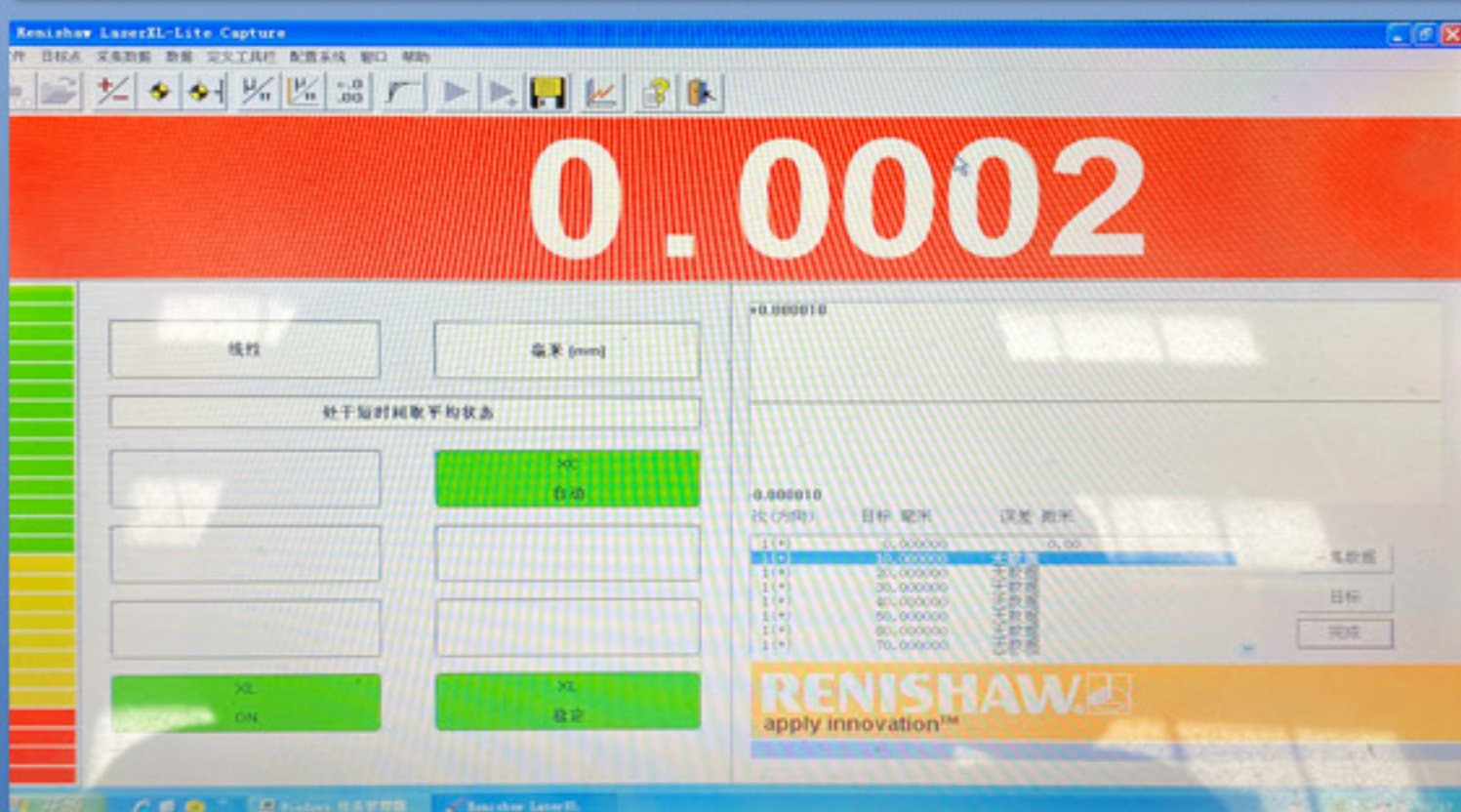
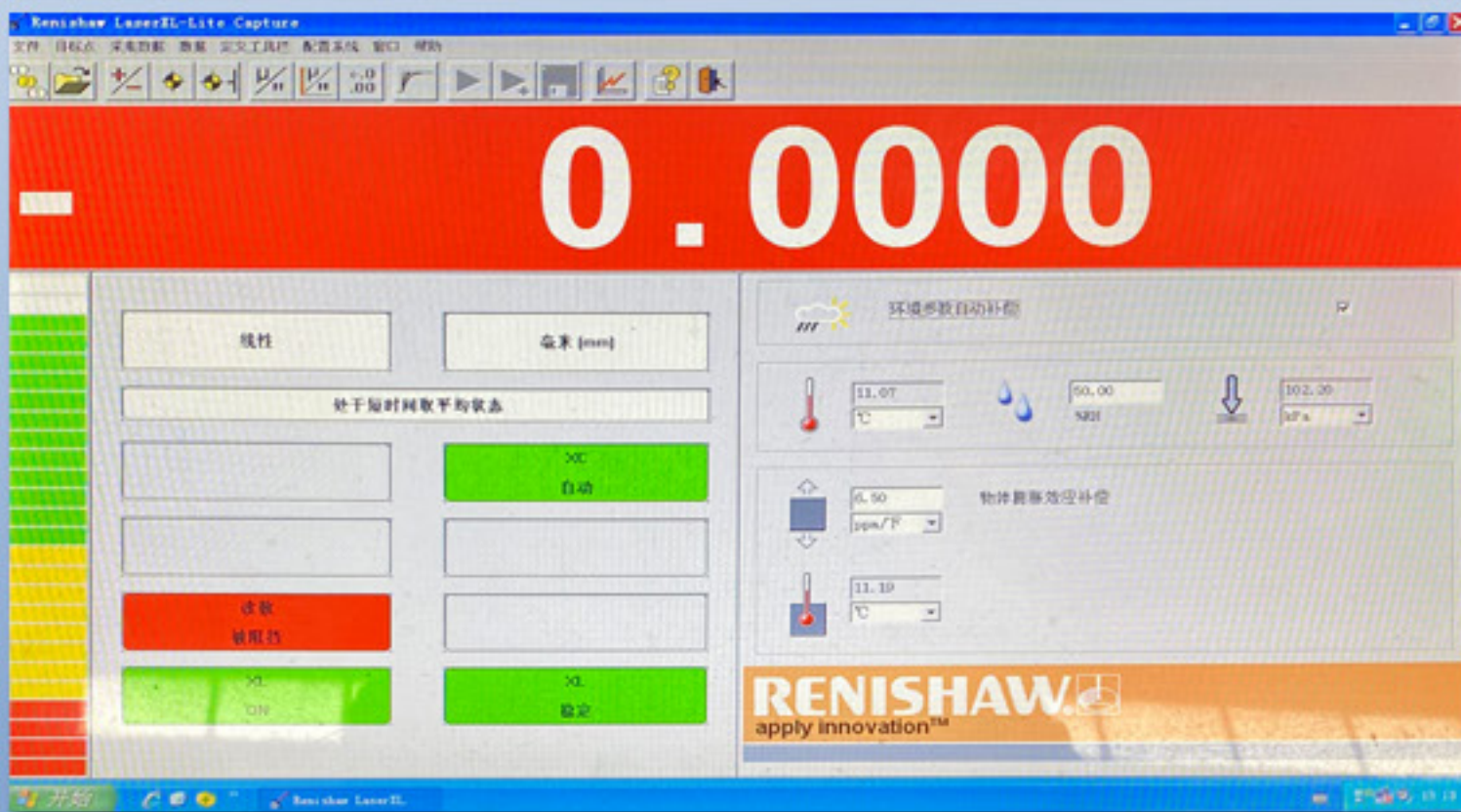
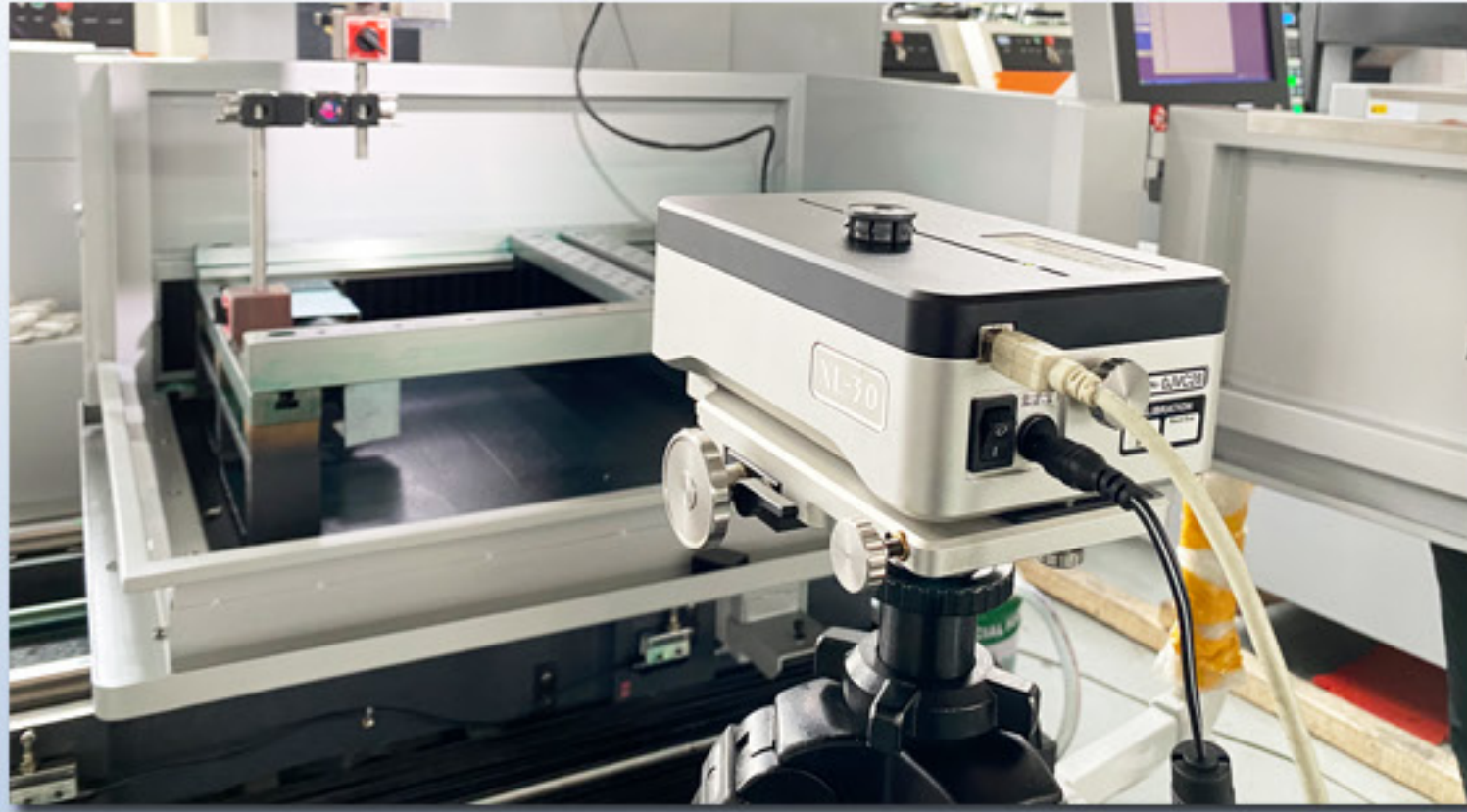
Assembly Workshop



Commissioning Workshop



PRECISION DETECTION





PRODUCT CATEGORY



BMG 430A



BMG 530W



BMG 530BW



BMG 640BW



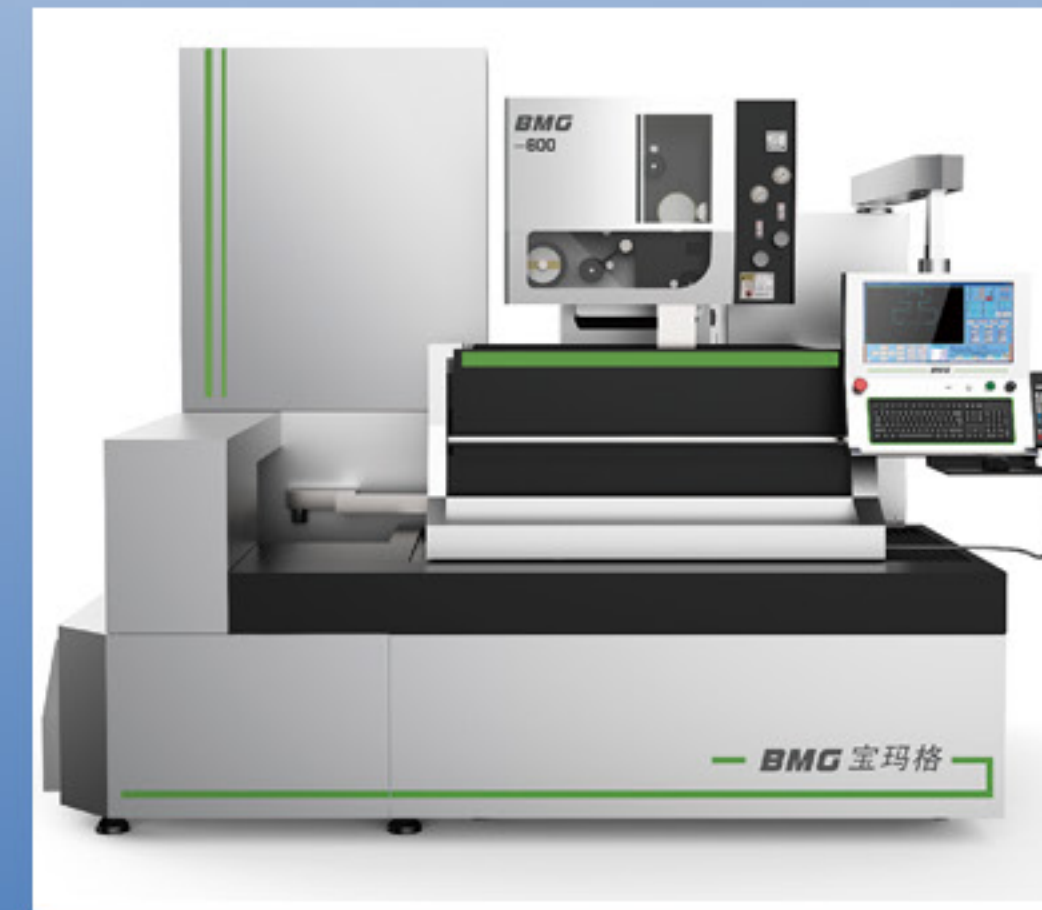
BMG 850BW



BMG 1080BW



BMG 400

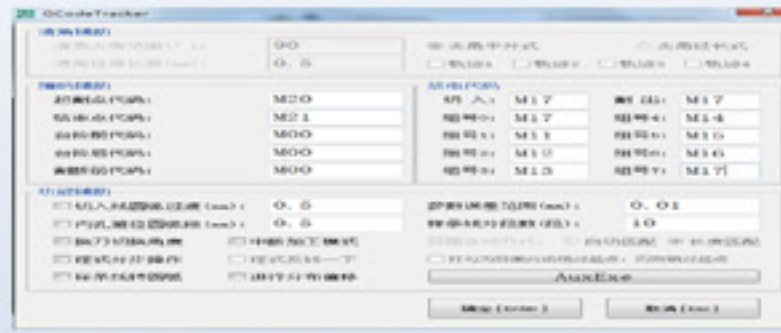


BMG 600



FEATURES OF BW SERIES PRODUCTS

1. BMG-cut programming software



Corner clearing assist: after opening the corner clearing function in the main interface, you can select and set relevant corner clearing settings, and you can machining samples to deepen your understanding;
 Coding auxiliary: compare and modify the code value brought in from the main interface to control the identification and application of the software, such as M00 pause;
 Auxiliary function: turn on and set the corresponding auxiliary function
 a. Cut-in line arc transition: After opening and setting, add arc transition at the cut-in lead to correct the cut-in smoothness;
 b. Inner hole avoidance arc segment: After opening and setting, add arc transition at the cut-in trajectory to correct the smoothness of the trajectory;

2. BMG WEDM-LS five-axis control system V1.3

The best calculation accuracy is 0.01 μm



3. Five-axis high-strength and high-precision mechanical transmission

XYUVZ five-axes adopts high-strength ultra-precision linear guide;
 C3 grinding grade ball screw;
 Semi-closed loop and fully-closed loop control system, professional laser detection and compensation, to achieve ultra-high step accuracy;
 Realize high-precision taper machining;

4. Processing database

Through years of actual machining data and R & D current and voltage sampling, discharge high-frequency EDM achieves ultra-high stability and consistency. It has low requirements for professional operators and solved the persistent problem of poor consistency of processed products. The database realizes man-machine dialogue. Qualified products can be processed after entering processing requirements.



5. WEDM-LS type high-strength workbench

The BMG WEDM-MS workbench adopts the same casting process as the WEDM-LS, with high-strength and high-precision support, which is convenient for clamping and easy operation.

6. Wire conveying parts

The wire conveying adopts the same level of linear guides as XYUVZ, high rigidity, and high-grade photoelectric switches are used for reversing and limit position. The real non-contact reversing ensures the smooth reversing of the wire drum and improves the cutting stability of the machine tool.

7. The machine tool

It adopts resin sand casting, WEDM-LS structure process, and secondary tempering treatment. After more than six months of natural aging treatment, the accuracy of the machine is guaranteed for long-term use.

8. Ball guide screw and linear guide

Adopt Taiwan Shangyin, Taiwan Yintai, Japan THK linear guide and ball guide screw to ensure the accuracy of the machine tool for more than 10 years.

9. Mobile manual control box

It adopts imported electronic original switch, and is made of film. It has many functions such as XY coordinate display, axis shifting data conversion, function switching, high-frequency switch of water pump and so on. It is very convenient to use, waterproof, oil-proof and anti-fouling, long service life and low failure rate.

10. Water retaining cover

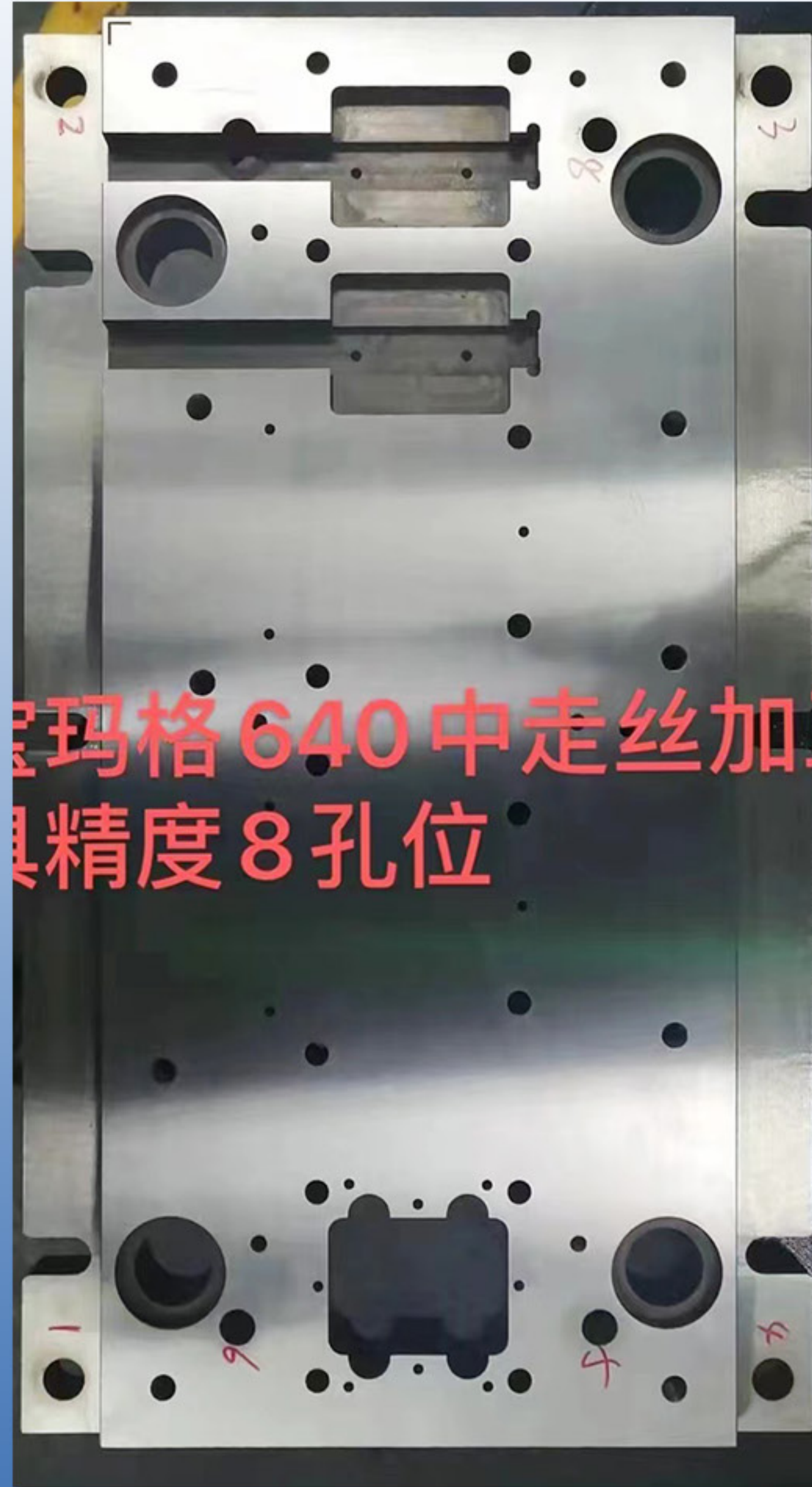
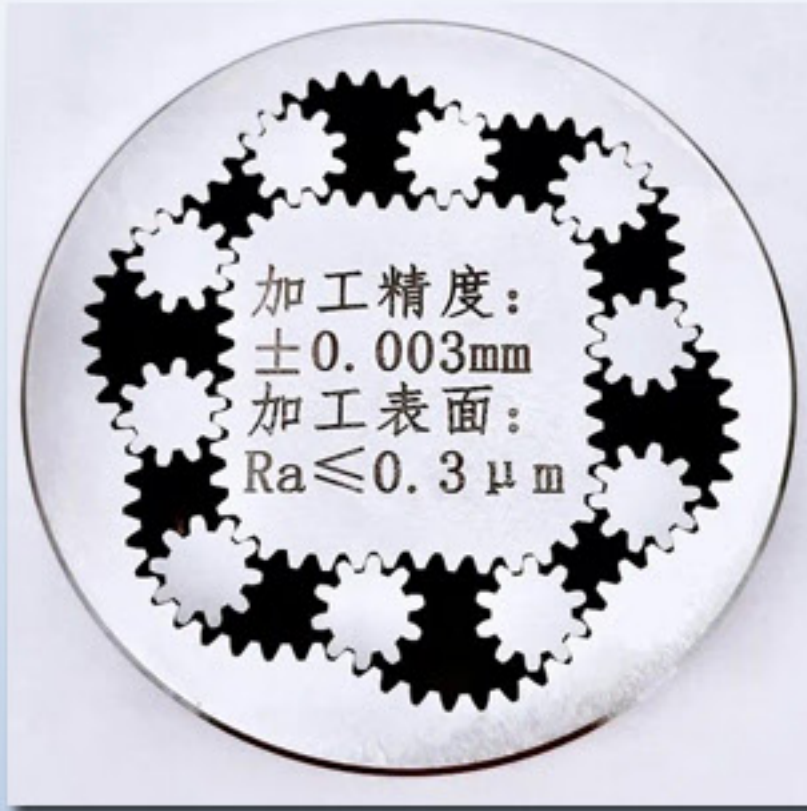
The water retaining cover adopts the folding and push-pull method, which is easy to use, without water leakage and water seepage, and keeps the working environment on site clean.

11. Environmental protection water tank

The whole machine adopts 0.007mm double filter, $\phi 340 \times 300$, no sewage discharge, regular replacement to protect the environment and solve the environmental protection problems of enterprises.



PROJECT CASE



蔡司三坐标检测数据“宝玛格中走丝加工”

ZEISS CALYPSO

测量值数量: 24
编号数值: 红色

名称	测量值	名义值	+公差	-公差	偏差 +/-
X 圆1_X-值	140.0011	140.0000	0.0050	-0.0050	0.0011
Y 圆1_Y-值	173.5021	173.5000	0.0050	-0.0050	0.0021
圆1_直径	24.9995	25.0000	0.0050	-0.0050	-0.0005
X 圆2_X-值	-140.0011	-140.0000	0.0050	-0.0050	-0.0011
Y 圆2_Y-值	173.4927	173.5000	0.0050	-0.0050	-0.0073
圆2_直径	24.9996	25.0000	0.0050	-0.0050	-0.0014
X 圆3_X-值	-140.0029	-140.0000	0.0050	-0.0050	-0.0029
Y 圆3_Y-值	29.4936	29.5000	0.0050	-0.0050	-0.0064
圆3_直径	24.9974	25.0000	0.0050	0.0050	-0.0026
X 圆4_X-值	-139.9985	-140.0000	0.0050	-0.0050	0.0015
Y 圆4_Y-值	-31.5037	-31.5000	0.0050	-0.0050	-0.0037
圆4_直径	24.9988	25.0000	0.0050	-0.0050	-0.0012
X 圆5_X-值	-140.0011	-140.0000	0.0050	-0.0050	-0.0011
Y 圆5_Y-值	-173.5021	-173.5000	0.0050	-0.0050	-0.0021
圆5_直径	24.9968	25.0000	0.0050	-0.0050	-0.0032
X 圆6_X-值	140.0017	140.0000	0.0050	-0.0050	0.0017
Y 圆6_Y-值	-173.4927	-173.5000	0.0050	-0.0050	0.0073
圆6_直径	24.9971	25.0000	0.0050	-0.0050	-0.0029
X 圆7_X-值	65.0039	65.0000	0.0050	-0.0050	0.0039
Y 圆7_Y-值	-31.5016	-31.5000	0.0050	-0.0050	-0.0016
圆7_直径	24.9963	25.0000	0.0050	-0.0050	-0.0037
X 圆8_X-值	65.0021	65.0000	0.0050	-0.0050	0.0021
Y 圆8_Y-值	29.5023	29.5000	0.0050	-0.0050	0.0023
圆8_直径	24.9957	25.0000	0.0050	-0.0050	-0.0043

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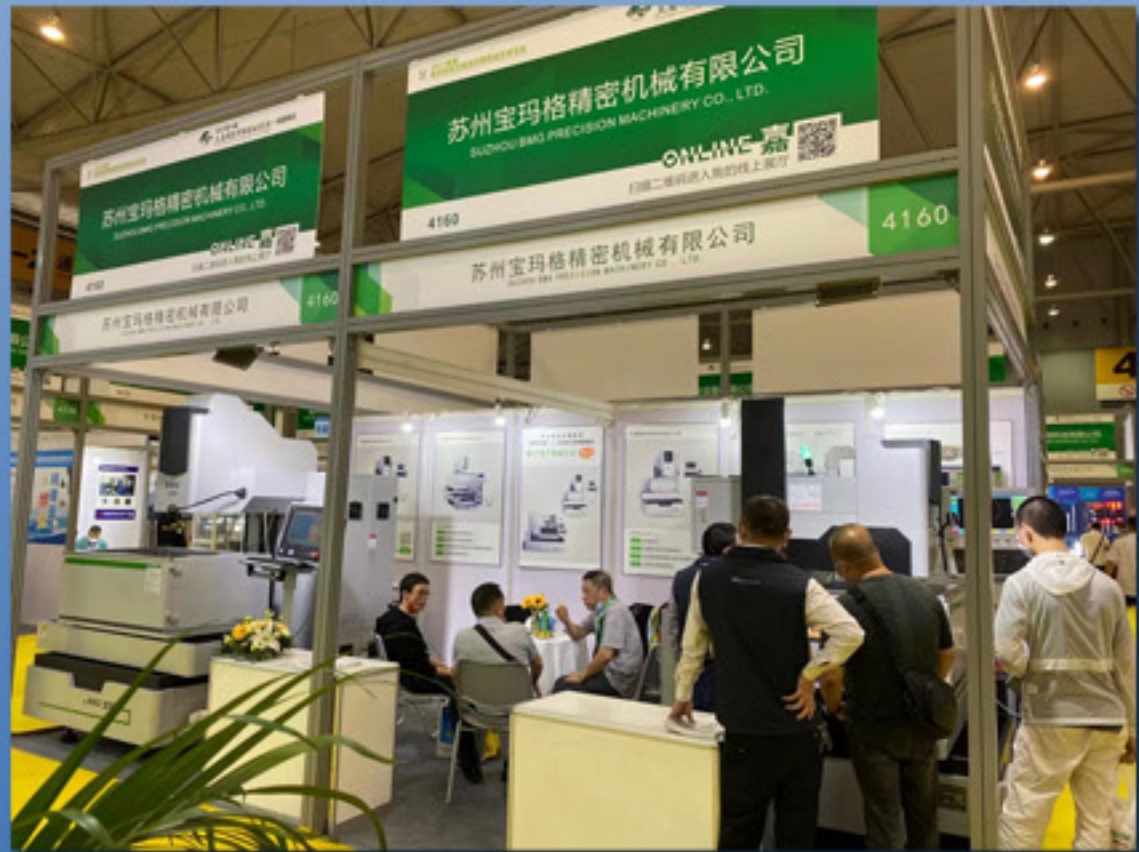
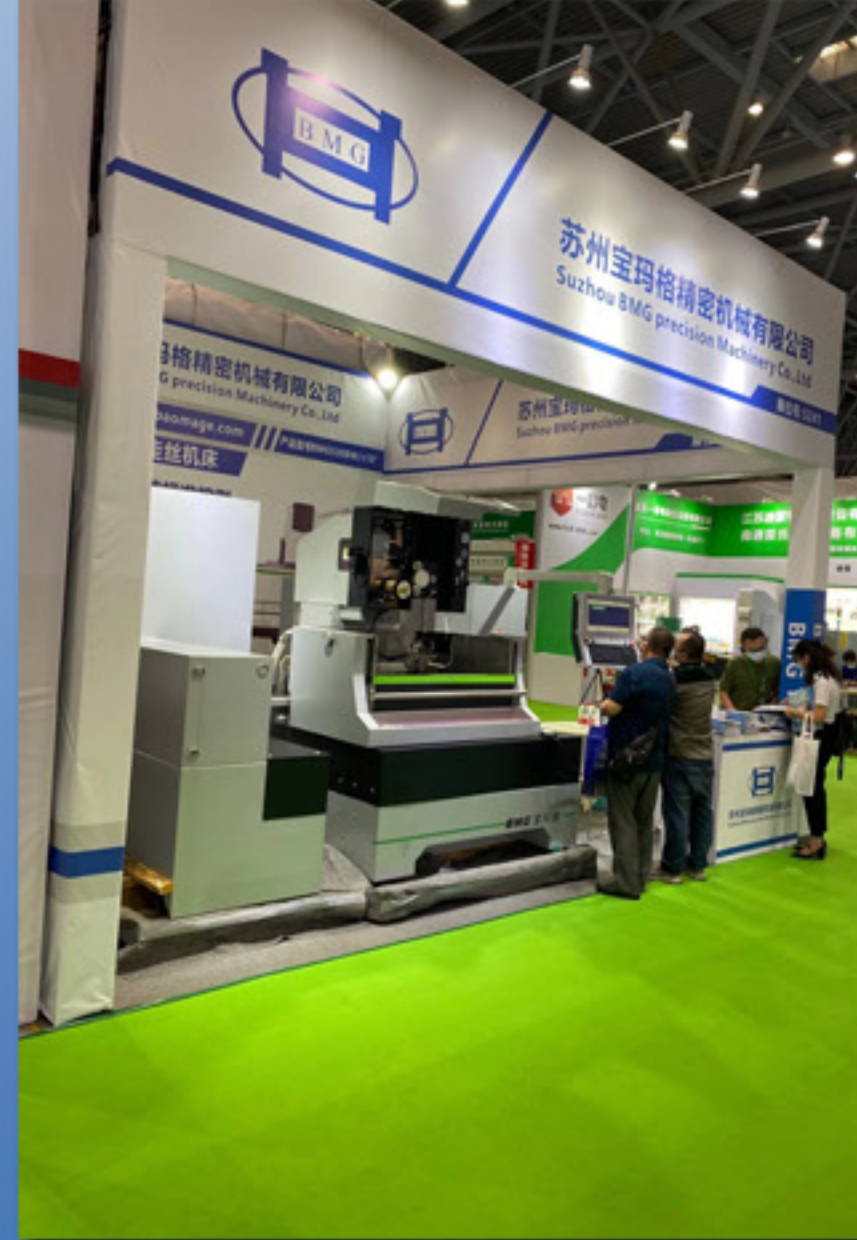
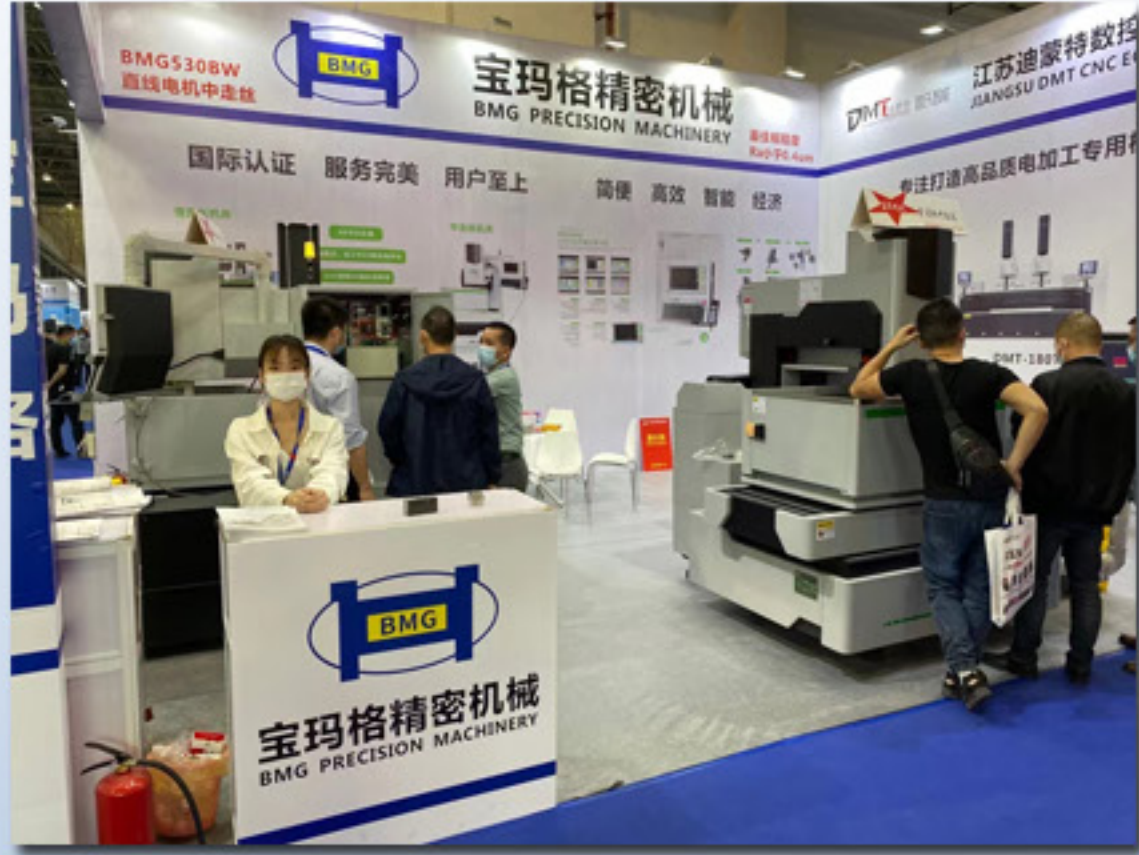


PACKAGING AND TRANSPORTATION





EXHIBITION





COOPERATIVE BRAND



SIEMENS

ABB



ROBAM老板



Panasonic



PHILIPS

HIWIN®
上银®

NSK



CORPORATE MISSION, VISION, VALUES

MISSION

Committed to helping clients
become the No.1 in the industry

VISION

Become the world's leading
manufacturer of precision
Wire Cut EDM machine tools

VALUES

Loving:
Love customers and products
Love the industry and employees

Actions:
Innovation and dedication
Collaborative and passion



OUR SERVICES

1. The samples can be processed according to the drawing requirements for free.
2. The machine (including hardware and software) can be customized according to customer requirements.
3. Provide free technical guidance and operation training to customers (including remote video and face-to-face).
4. Machine parts (except worn parts) enjoy two-year warranty.
5. If special problems cannot be solved through remote video, we will conduct door-to-door debugging and technical guidance according to the actual situation.
6. Our purpose: Help customers become the NO.1 in the industry!



THANK YOU

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