



**TECHNICAL TEXTILE & GARMENT INDUSTRY
INTELLIGENT DIGITAL CUTTING SOLUTION**

ACCURATE / EFFICIENT / STABLE / INTELLIGENT

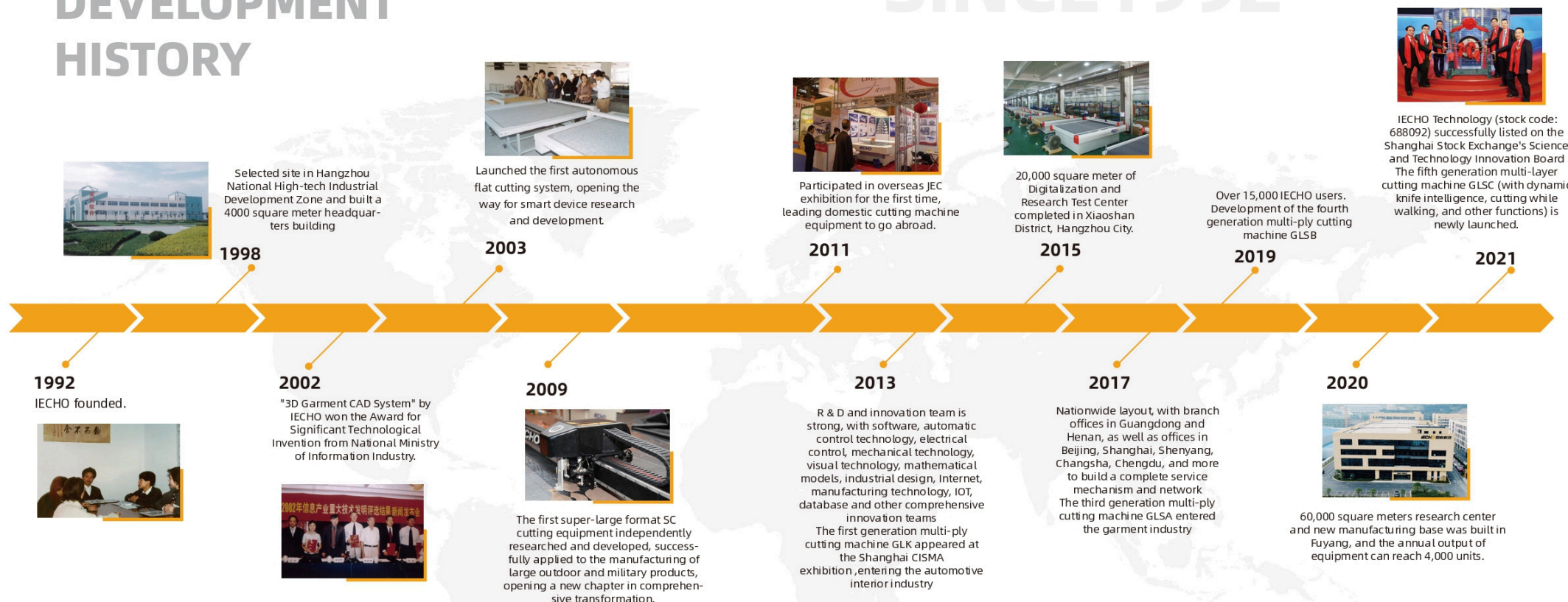
IECHO
SAMR 42

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SINCE 1992

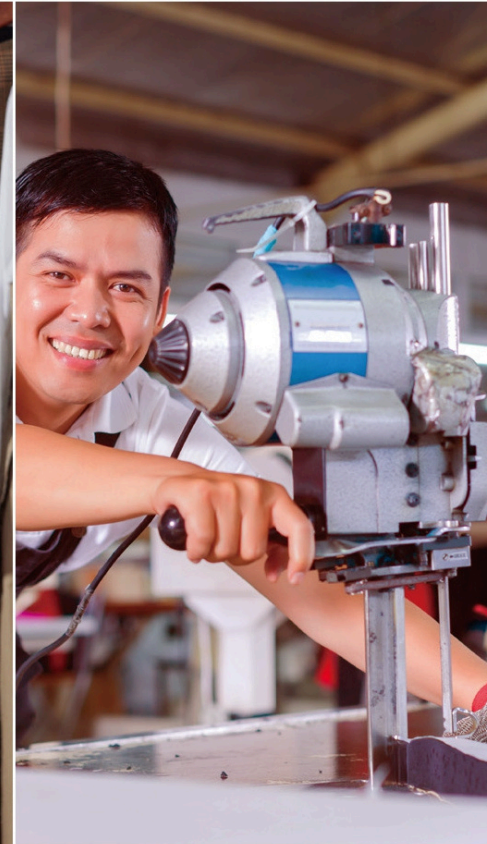
DEVELOPMENT HISTORY



30 Years of Focus on Cutting

IECHO was established in 1992 and went public in March 2021. Over the past 30 years, IECHO has always adhered to independent innovation, a "professional" R&D team, continuous technological innovation, "fast" industry insight, and continuous injection of new blood, completing every growth and transformation, and improving the full coverage of the non-metal industry. Reach high-quality cooperation with many industry leaders.

1 national standards	3 industry standards	45+ invention patents	158+ patents	100+ software copyrights
83+ R&D personnel	11%+ R&D investment	3000+ annual capacity	2000+ process standards	370+ staff
20000+ customers	100+ sales countries and regions	60+ industries coverage	30+ national outlets	300+ global outlets



■ Your Digital Cutting Expert

In the modern era, digital technology has penetrated into various fields. In this wave of digitalization, the clothing industry has also changed. Improving the efficiency and accuracy of garment production has become an urgent problem to solve.

As a company focusing on the intelligent cutting systems, IECHO Technology has launched a series of innovative products and solutions, injecting new vitality into digital cutting with its advanced intelligent manufacturing technology and rich industry experience.

Intelligent technologies such as automatic typesetting, automatic optimization utilization, and visual systems enable faster and more accurate completion of cutting tasks while minimizing resource waste.

In addition, high-speed cutting machines, multi-ply cutting machines, and automated conveying systems make digital cutting more efficient and intelligent.

In IECHO's intelligent cutting solution for textile and apparel industry, customers can enjoy one-stop services including system software, hardware equipment, user training, and technical support. Regardless of the customer's needs, IECHO will customize solutions to ensure the realization of digital cutting in the shortest time. In this digital age, IECHO is using its technical strength to bring more intelligent, efficient, and accurate digital tailoring solutions to the clothing industry.



IECHO Large-scale Cutting Solution



CUTTING WHILE FEEDING

High-precision conveying with no feeding time, improving cutting efficiency.

Fully automatic continuous cutting function

The overall cutting efficiency is increased by more than **30%**

- Automatically sense and synchronize the feeding back-blowing function.
- No human intervention is required during cutting and feeding.
- Super-long pattern can be seamlessly cutting and processing.
- Automatically adjust the pressure, feeding with pressure.
- No need to re-film.

THE LATEST CUTTING MOTION CONTROL SYSTEM



CUTTING SPEED OPTIMIZATION FUNCTION

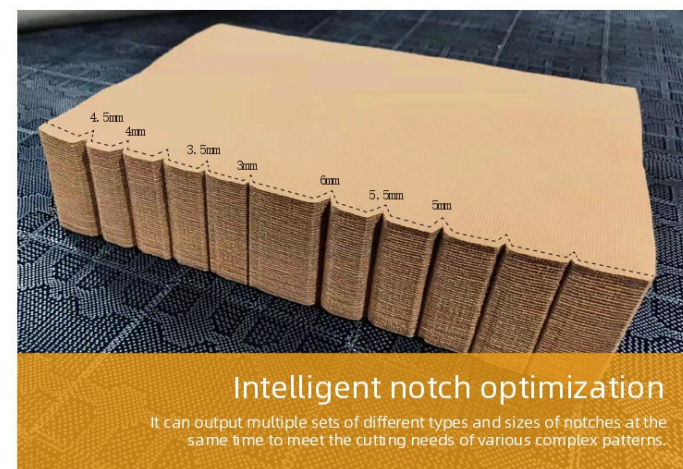
According to different cutting conditions, the cutting speed can be automatically adjusted to improve the cutting efficiency while ensuring the quality of the pieces.

INTELLIGENT CUTTING AND AUTOMATIC COMPENSATION

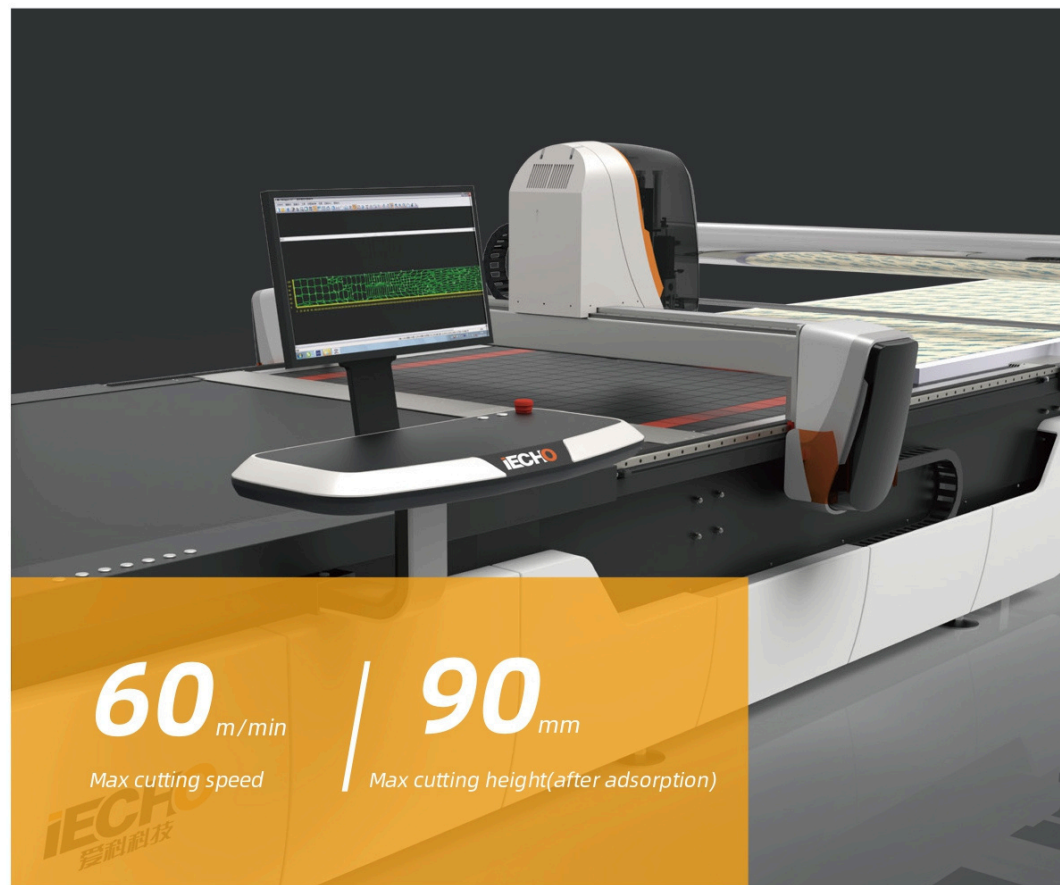
When cutting fabric, automatic knife correction compensation can be performed according to the deformation of the blade.

SMART LINES MERGING FUNCTION

improve cutting quality and cutting efficiency.



Product parameters



Machine Model	GF -1818	GF -1820	GF -1822	GLSC -1818	GLSC -1820	GLSC -1822
Length x Width x Height	5.0m*2.5m*2.4m	5.0m*2.7m*2.4m	5.0m*2.9m*2.4m	5.0m*2.5m*2.4m	5.0m*2.7m*2.4m	5.0m*2.9m*2.4m
Effective Cutting Width	1.8m	2m	2.2m	1.8m	2m	2.2m
Size of blade	1.5*6mm 2*7mm	1.5*6mm 2*7mm	1.5*6mm 2*7mm	2.4*8.5mm 2*7mm	2.4*8.5mm 2*7mm	2.4*8.5mm 2*7mm
Maximum Cutting Height (compressed)	60mm	60mm	60mm	90mm	90mm	90mm
Effective Cutting Length	1.8m					
Picking Table Length	2.2m					
Machine Weight	3.0t-3.5t					
Motor Power, Average Power Consumption	30kw/15w 50kw/25w					
Operating Voltage	AC 380V±10% 50Hz-60Hz					
Environment and temperature	0°- 43°C					
Noise Level	< 77dB					
Air Pressure	≥0.6mpa					
Maximum Vibration Frequency	6000rpm/min					
Maximum Cutting Speed	60m/min					
Maximum Acceleration	0.8G					
Cutter cooling device	● Standard ○ Optional					
Lateral Movement System	○ Standard ● Optional					
3 punching	○ Standard ● Optional					
Thermal punching	○ Standard ● Optional					
Equipment Operation Position	Right Side					

*The product parameters and functions mentioned on this page are subject to change without prior notice.

High frequency oscillating tool

Maximum rotating speed can reach

6000 rpm

Through the optimization of dynamic balance, the noise during equipment operation is reduced, the cutting accuracy is guaranteed, and the service life of the cutting head is increased.

The high-frequency vibration blade is made of special processing material to be more solid, and it is not easy to deform during the cutting process.

Tool cooling function

Reduce the adhesion of special fabrics in the cutting process

Punching device

Three kinds of punching processing of different specifications can be completed at one time.

Intelligent variable frequency suction

dynamically adjusts the suction effect through sensors.

Floating cutter head design

Improve the cutting accuracy of non-breathable fabrics.