

优质
High Quality

创新
Innovation



快速
Fast

高效
Efficiency

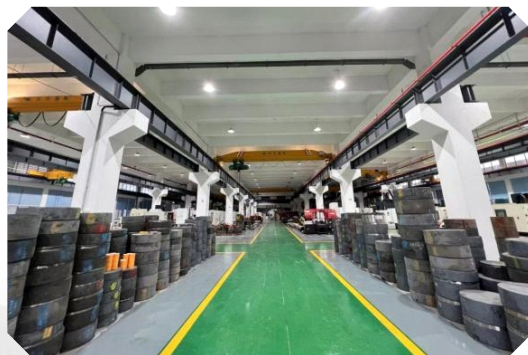


Kaisite Technology
www.kaisite-tech.com



Company Profile >>>

Zhejiang Kaisite Technology Co., Ltd. focuses on the R&D and production of aluminum extrusion dies, with advanced design ideas and 15 years of manufacturing experience. Kaisite has strong R&D capabilities, with QForm simulation extrusion system and CAE analysis capability. In 2019, it was awarded as "High-tech Enterprise" and "Private Technology Enterprise". We have high precision CNC machining centers and advanced die production equipment such as vacuum heat treatment furnaces and Mitsubishi slow wire cutting. Dies are mainly exported to worldwide and domestic aluminum extrusion factory engaged in building aluminum profiles, industrial aluminum profiles, new energy vehicles aluminum profiles, high-speed railway aluminum profiles, solar energy frames and etc.



Development History >>

Suzhou Kaisite was established

In 2010



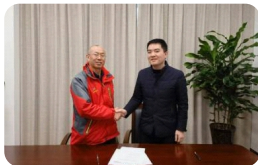
awarded the title of "Jiangsu Private Technology Enterprise"

In 2018



the Huzhou government attracted investment and signed an investment agreement with us, our new plant construction site was located in the industrial development zone

In 2020



our plant construction completed, Suzhou Kaisite moved to the new plant in Huzhou City, and Zhejiang Kaisite officially put into production

In 2022



In 2015 obtained ISO9001 certification for the quality management system



In 2019 awarded the title of "High tech Enterprise"



In 2021 won the "Tax Contribution Award"



Since 2023 we have been striving to develop and will continue to update



Specialize in High-quality Dies

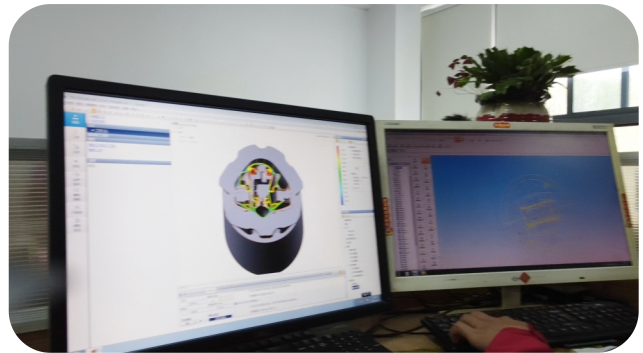
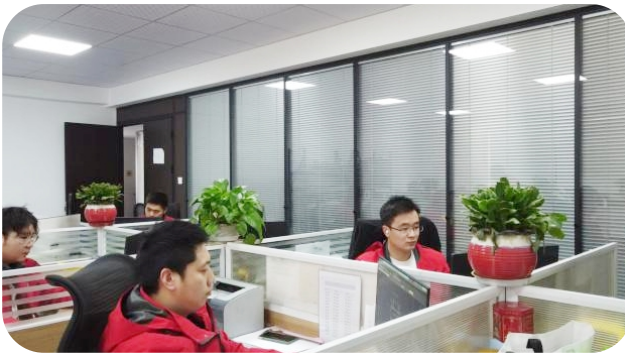
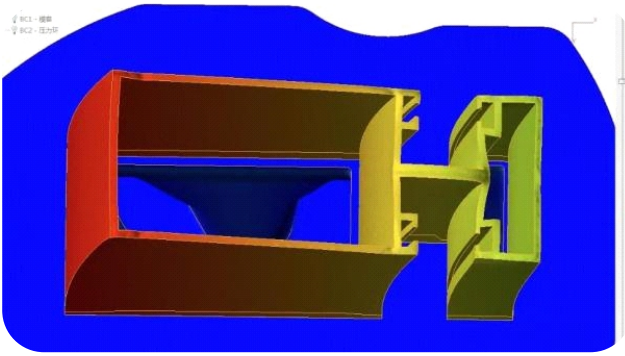


Design and R&D team >>>

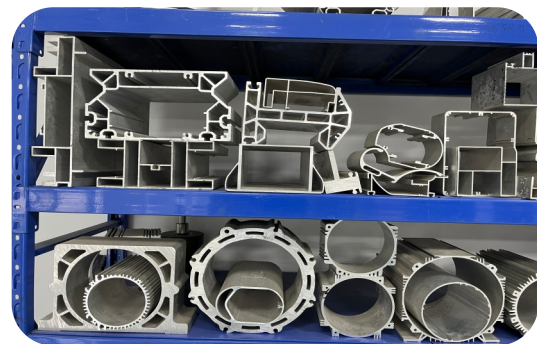
In 2010, Kaisite was founded by Mr. Xiaochun Z. He is an expert in aluminum extrusion die industry, with rich experience in extrusion die design and processing. From 1993 to 2009, he worked as a die engineer for well-known extrusion factory in China, such as Guangdong Zhongfa Aluminum, Shanghai Unison Aluminum, and Shanghai ZDoon Aluminum, for nearly 20 years, laying a solid foundation for Kaisite's development and manufacturing of high-tech precision dies.

We have the ability to independently develop and design, and have the courage to challenge critical sections. Focusing on discussing and exchanging technical topic before production for new and difficult products, promoting teamwork and innovative idea. Technical seminars help our team improve technical skills and overcome technical difficulties. A strong technical team capable of providing practical solutions, with a comprehensive pre-sales, in-sales, and after-sales service system. Tailored to the different needs of customers, providing professional one-stop service to customers.





Our company has one designer with over 20 years of design experience in our R&D team, three designers with 10 years of design experience in junior colleges, two designers major in extrusion die design, and three designers with 5 years of design experience in junior colleges. At the same time, in order to adhere to the combination of theory and reality, from 2016 to 2017, two sets of QForm simulation extrusion system were introduced. Through system simulation, the 95% form-ability of the die and the control of aluminum flow rate and wall thickness dimensions can be grasped. Then combined with flexible design experience to provide technical support for customer R&D and production of challenging aluminum profiles.

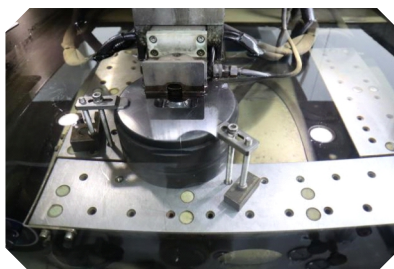


Specialize in High-quality Dies



Advanced Precision Equipment >>>

Kaisite is equipped with over 120 advanced precision machining equipment for dies, including 3-axis CNC, 5-axis CNC, vacuum heat treatment furnaces, Mitsubishi slow wire cutting, and precision EDM machines. A series of precision production equipment with strong production capacity, stable and reliable mechanical performance. In 2023, we add 3 sets of 5-axis machining centers realize the expansion of the port hole, the diversion, the transverse perforation of the die core, and the free-form surface of complex dies. In 2024, we add the Mitsubishi slow wire cutting, with multiple cuts to improve accuracy, forming once, improving accuracy twice, and improving surface quality three times.



Pursue Excellent Technique



Our company is equipped with the most advanced vacuum nitrogen quenching furnace in China. There are 11 sets of slow wire cutting machines. The maximum machinable die for the cutting cavity can meet the 7500T press. Large CNC and gantry milling fine milling port holes and precision carving bearing can meet the needs of big dies. The maximum processing dies diameter can reach 1meter. Our company has equipped the above precision machines to ensure that the deviation of the port hole in the precision milling of the 2 cavities die is within $\pm 0.05\text{mm}$, and the die wall thickness is within $\pm 0.01\text{mm}$, thereby ensuring that the die technology reaches the industry's optimal level.

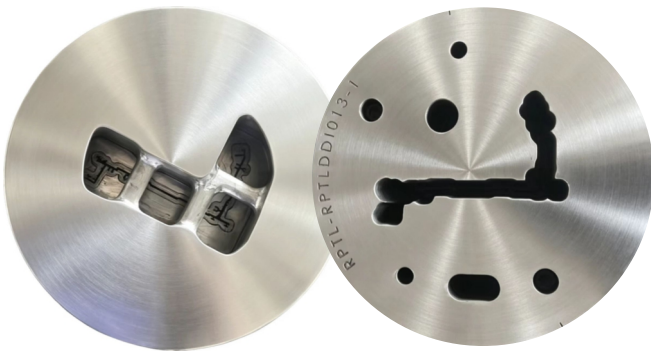


Extrusion Die



The products involve building curtain walls, industry, new energy vehicles, high-speed rail parts, subway rail transit, solar panels, 3C electronics, medical, aerospace and many other fields.

Extrusion Die



Specialize in High-quality Dies

Multi-cavities Extrusion Die



Heat-sink Extrusion Die

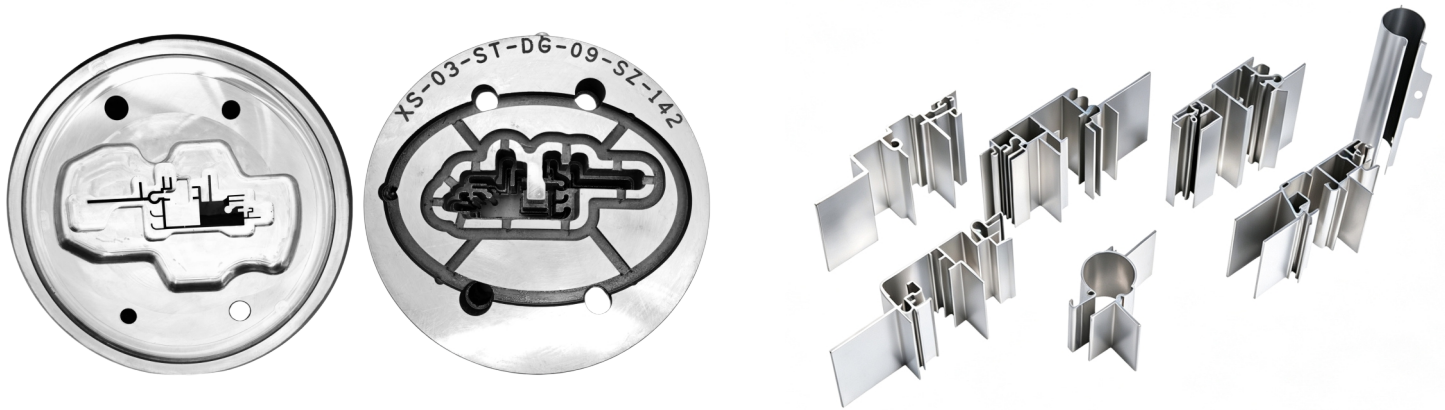


Special Tube Extrusion Die



Specialize in High-quality Dies

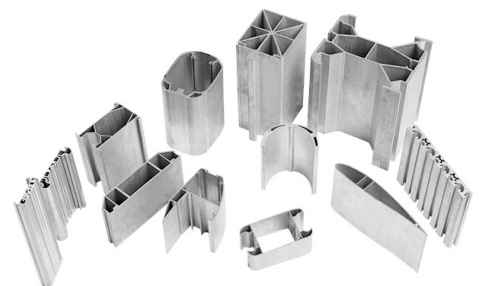
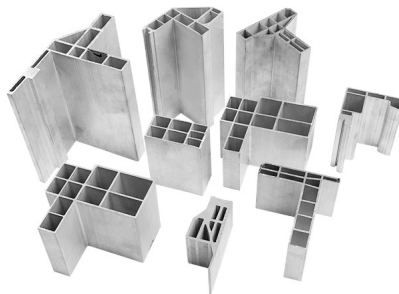
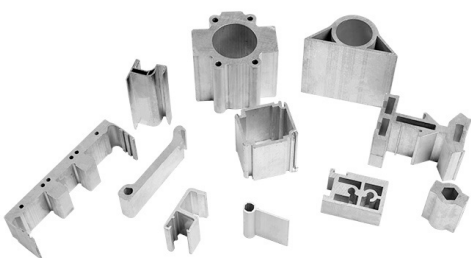
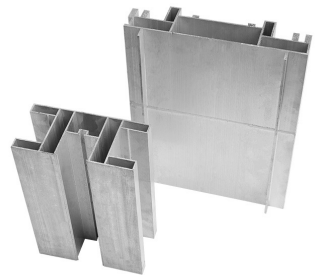
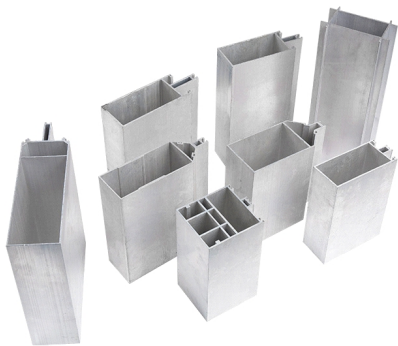
Electrical-vehicle Extrusion Die



Big-section Extrusion Die



Aluminum Profile Case



Specialize in High-quality Dies

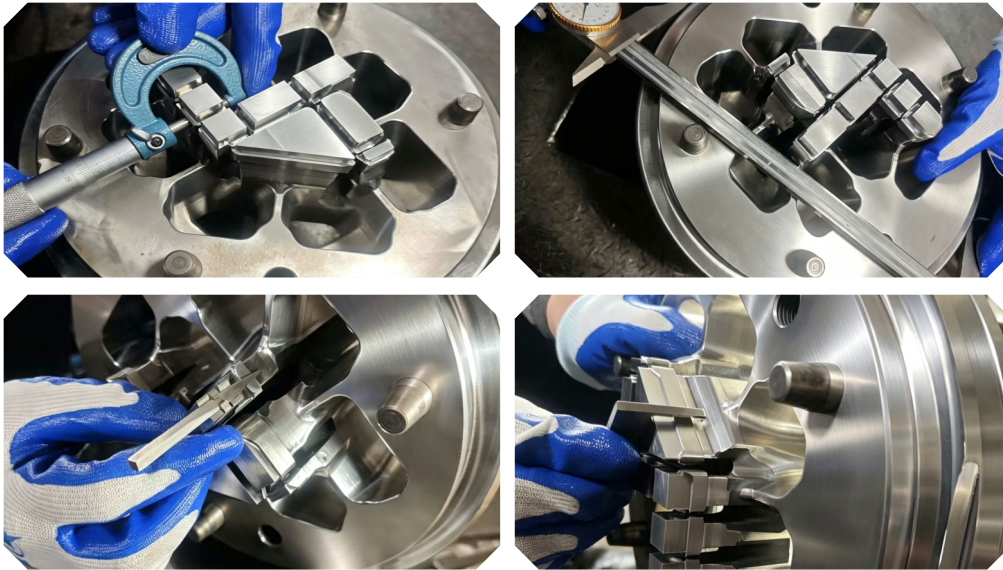


Efficient Processing >>>

Sufficient H13 die steel inventory to ensure that once drawings are confirmed, production can start as soon as possible. The ERP production management system monitors the production progress of each die throughout the whole process from receiving order, design, production to delivery. It controls the time through the system to locate and track each die in a real-time and efficient manner. The shortest time of small dies can be delivered to the customer's factory in 4-5 days (within 200km of our company). The machining center adopts a multi tool library scheme to reduce the frequency and time of tool changes for workers. Thereby improving the efficiency of machine tool operation and shortening the processing time of each die. The high and low points of the bearing are carved by CNC machining. At the same time, the precision is higher, and EDM is not needed after the wire cutting is completed, which greatly shortens the processing time.



Strict Quality Control >>>



Firstly, we conduct corresponding inspections after each process. For the final completed product, we will conduct a 100% full inspection according to the customer's requirements and drawings.

Then, we have complete testing equipment and tools in the industry: spectral analyzer, ultrasonic flaw detector, bench hardness tester, Leeb hardness tester, clearance angle gauge, outside micrometer, Vernier scale, double side caliper with meter, vernier universal angle gauge, tungsten steel needle gauge, feeler gauge, lever dial indicator, dial indicator, knife edge angle gauge, etc. The above testing tools can fully ensure the provision of high-precision final aluminum extrusion die to customers, while also meeting customers' comprehensive testing requirements for material physical and chemical properties, non-destructive testing, high-precision geometric dimension testing, and so on.

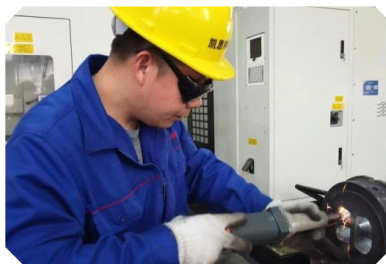


Specialize in High-quality Dies



Perfect After-sales Service >>>

Kaisite has 15 excellent after-sales maintenance engineers, who are regularly trained in their skills. We ensure that any problems encountered during the die trial process are promptly communicated and improved with our designer. Continuously improving the success rate of die production, and ensuring that all new dies work. The after-sales service time is promised to be responded to within 1 hour, and if on-site maintenance is needed, after-sales engineers will be dispatched to the customer's site for processing within 24 hours. For dies that need to be returned to our factory for correction, the correction period should not exceed 3 days after the die is arrived factory. We provide timely and efficient after-sales service to ensure that every customer completes their orders with quality and quantity, and expands the market with our support.



Pursue Excellent Technique

Corporate Culture >>>



Kaisite core competitiveness:

"WE"!

Our mission:

High quality, innovation, fast, and efficiency!

Our slogan:

Pursue excellent technique and specialize in

high-quality dies!

Our values:

Principled, measured, respectful, inclusive, and grateful!

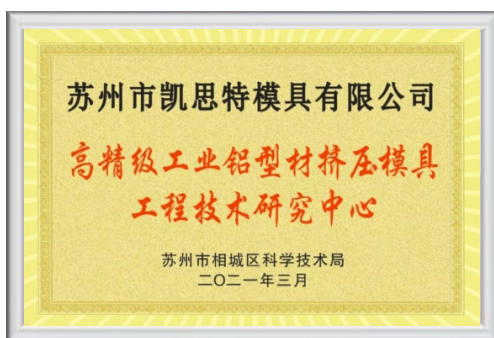
Reasons for cooperation:

High quality, excellent price, fast delivery and good service!



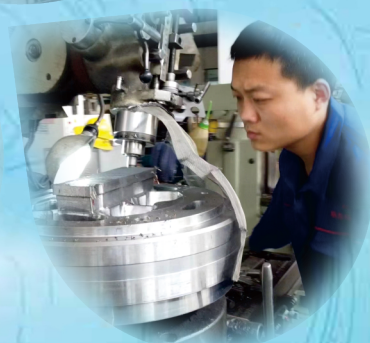
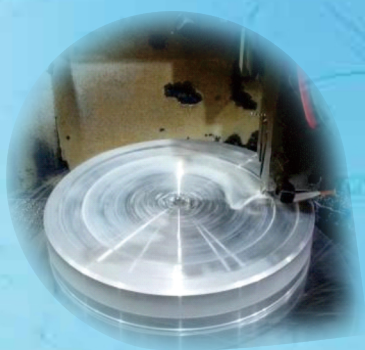
Specialize in High-quality Dies

Honorary & Qualification >>>



Pursue Excellent Technique





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