

WE ARE  
**KAUTEX**  
SHUTTERS  
BUTTERFLIES

# Plastics: Part of the Solution

Plastics redefined: enabling everyday progress, securing tomorrow.

Our world is evolving at an unprecedented pace - more connected, more complex, and more demanding than ever before. Population growth, rapid urbanization, the need for sustainable mobility, and increasing resource efficiency are the megatrends that define tomorrow.

In the midst of these challenges, one material continues to prove itself as indispensable: plastic. Its unique combination of light weight, strength, and versatility makes it a key enabler of innovation. When produced responsibly, used wisely, and recycled effectively, plastics are not part of the problem - they are part of the solution.

From modern medicine to clean energy, from efficient mobility to everyday consumer goods, plastics contribute to progress in almost every area of life. At Kautex, we believe in unlocking this potential in the most responsible way possible - shaping solutions that not only meet today's demands, but also prepare for a sustainable tomorrow.





# The Kautex History

## 90 Years of Shaping Technology.

Like every material, plastics require the right technology to unleash their full potential. At Kautex, this technology is extrusion blow molding - the key process for producing complex, lightweight hollow parts on an industrial scale.

Since 1935, Kautex has been at the forefront of this technology. From creating the world's first plastic bottle to engineering high-performance fuel systems for the automotive industry, our journey has always been one of pioneering spirit. Each innovation has pushed the boundaries of what was thought possible and helped shape entire industries.

Today, we remain true to this legacy. Every milestone we achieved - from historic machines to today's state-of-the-art systems - reflects our commitment to progress. But our story is not only about the past. It is about continuously reinventing extrusion blow molding and expanding its potential for the future.



### FIRST DECADE 1935 – 1944

The first 10 years of the company's existence was a time of courage. The company's founder, Reinold Hagen, became a businessman at the relatively young age of 22 following the premature death of his father.



### SECOND DECADE 1945 – 1954

Experiments with thermoplastic materials lead to the idea of blow molding plastics in such a way that they retain their shape. The first blow molding machines are developed for series production.



### SIXTH DECADE 1985 – 1994

Mechanical engineering becomes digitized and paves the way to optimizing control and monitoring processes.



### THIRD DECADE 1955 – 1964

Kautex enters the international market. Its global expansion begins with the export of machinery to the USA.



### SEVENTH DECADE 1995 – 2004

This decade sees a boom in demand for machinery for producing plastic fuel tanks. Kautex continues to thrive despite a series of takeovers and a merger.



### FOURTH DECADE 1965 – 1974

Kautex sets the standards in machinery performance with breakthroughs such as the 5,000-liter tank and the introduction of international servicing.



### EIGHTH DECADE 2005 – 2014

The self-discovery phase has paid off: Kautex focuses on its goals and takes the lead in the global blow molding industry.



### FIFTH DECADE 1975 – 1984

The machinery division goes its own way: Kautex Maschinenbau GmbH is established as a spin-off of the main Kautex company and is taken over by Fried. Krupp GmbH.



### NINTH DECADE 2015 – 2024

Plastech Beteiligungs GmbH (family holding Neumann / Knünz) takes over ~93% of the company shares.

### TENTH DECADE 2024 until now

Together with our new strategic partner Jwell, we are looking into a bright future!





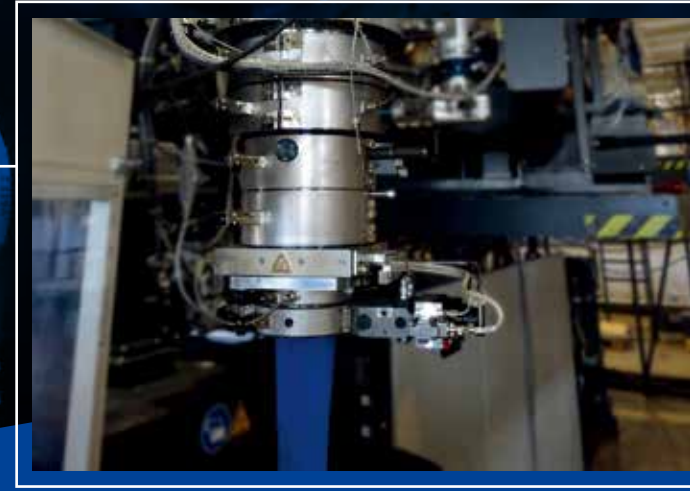
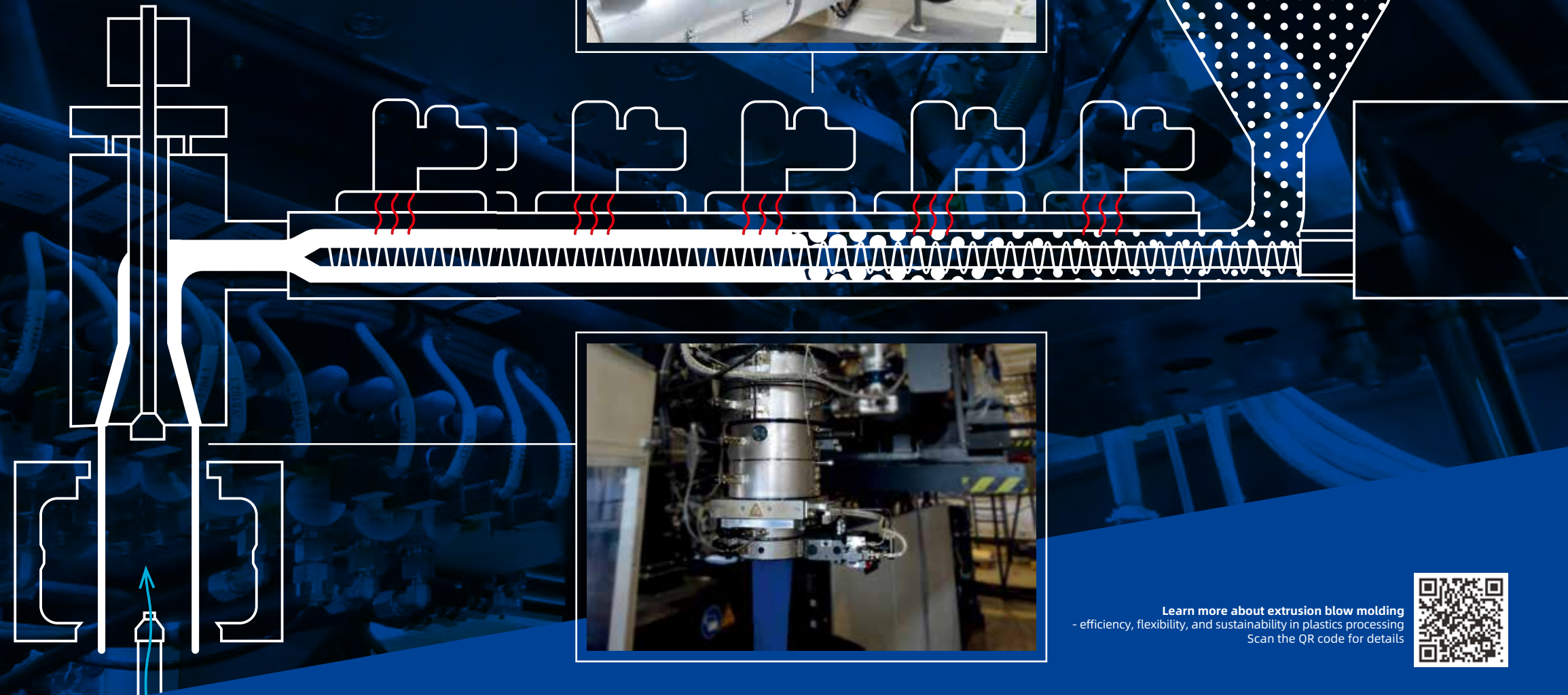
# Why Blow Molding

## Blow Molding -The Smart Way to Shape Plastics.

Why extrusion blow molding? Because no other process combines speed, efficiency, and design freedom in the same way. It enables the production of hollow bodies of all sizes from small consumer bottles to large tanks, from sporting equipment like kayaks to advanced composite pressure vessels.

The advantages are clear: fast cycle times, minimal material waste, and an almost unlimited range of shapes and sizes. Blow molding makes it possible to design lightweight parts with high functionality, and to do so with the efficiency required for industrial-scale production.

Of course, every process has its limits - but at Kautex, we don't simply accept them. We innovate beyond them. With modular, scalable solutions and machines that are proven worldwide, we provide the flexibility and reliability that our customers need to succeed in their industries.



Learn more about extrusion blow molding  
- efficiency, flexibility, and sustainability in plastics processing  
Scan the QR code for details





# Our Machine Series

## Engineered Around You.

Behind every Kautex machine lies more than just technology. It is the result of decades of engineering expertise, precision craftsmanship, and a passion for performance.

At Kautex, we don't start with the machine. We start with your product and your process requirements. Because real innovation means delivering exactly what your production needs - no more, no less. This philosophy is at the heart of our approach: Engineered Around You.

Our portfolio spans from compact and flexible solutions to highoutput production lines, covering every demand in extrusion blow molding.

From the melting of plastic to shaping, automation, and postcooling, every detail of our systems is refined, simulated, and aligned to your vision. That is what makes a Kautex machine unique.

### GREEN line | All-electric

Designed for maximum efficiency, precision, and sustainability -the evolution of next-generation production.

### BLUE line | Hybrid

Combining the best of both worlds - flexibility, power, and energy savings.

### GREY line | Hydraulic

Proven robustness and reliability, designed for continuous, heavy-duty operation.

### KBS SERIES

Tailor-made for oversized or complex parts — from canoes to fuel tanks.

### KSH SERIES

The KSH Series is specially built for large-volume industrial packaging.

### K3D SERIES

The ultimate solution for producing complex, three-dimensional pipe systems

### KBB SERIES

The benchmark for high-speed, sustainable consumer packaging.

### SKYREEF SERIES

Our holistic approach where melt quality, parison control, mold efficiency.

### KCC SERIES

The cost-efficient allrounder — versatile across packaging, automotive, and custom applications.

### KEB SERIES

Compact, flexible, ideal for fast changeovers. Available as the classic GREY version and as KEB GREEN, the all-electric step into the future.



KBS SERIES



KSH SERIES



K3D SERIES



KBB SERIES



SKYREEF SERIES



KCC SERIES



KEB SERIES

Curious for more? In this brochure we can only give you a glimpse  
Scan the QR code to discover our full portfolio of machines and technologies  
- with all details, specifications, and solutions that drive real progress



# Our Customer Segments

Solutions for many Industries.

For more than 90 years, Kautex has supported industries that define how we live, move, and consume. Our machines and technologies are not limited to one field - they provide tailored solutions across a wide spectrum of applications.

Whatever the application, one thing remains constant: Kautex machines are built to deliver performance, safety, and reliability - tailored to the industries that move the world.



## CONSUMER PACKAGING

We enable lightweight, recyclable containers with intelligent designs that reduce material use while meeting the highest expectations for form and function.



## INDUSTRIAL PACKAGING

From stackable 20-liter drums to durable intermediate bulk containers (IBCs), our systems deliver safety, strength, and efficiency at industrial scale.



## SPECIALTY PRODUCTS

Specialty Products: Whether it's sports equipment, furniture parts, or customized technical enclosures, our technology turns bold ideas into reality.



## AUTOMOTIVE

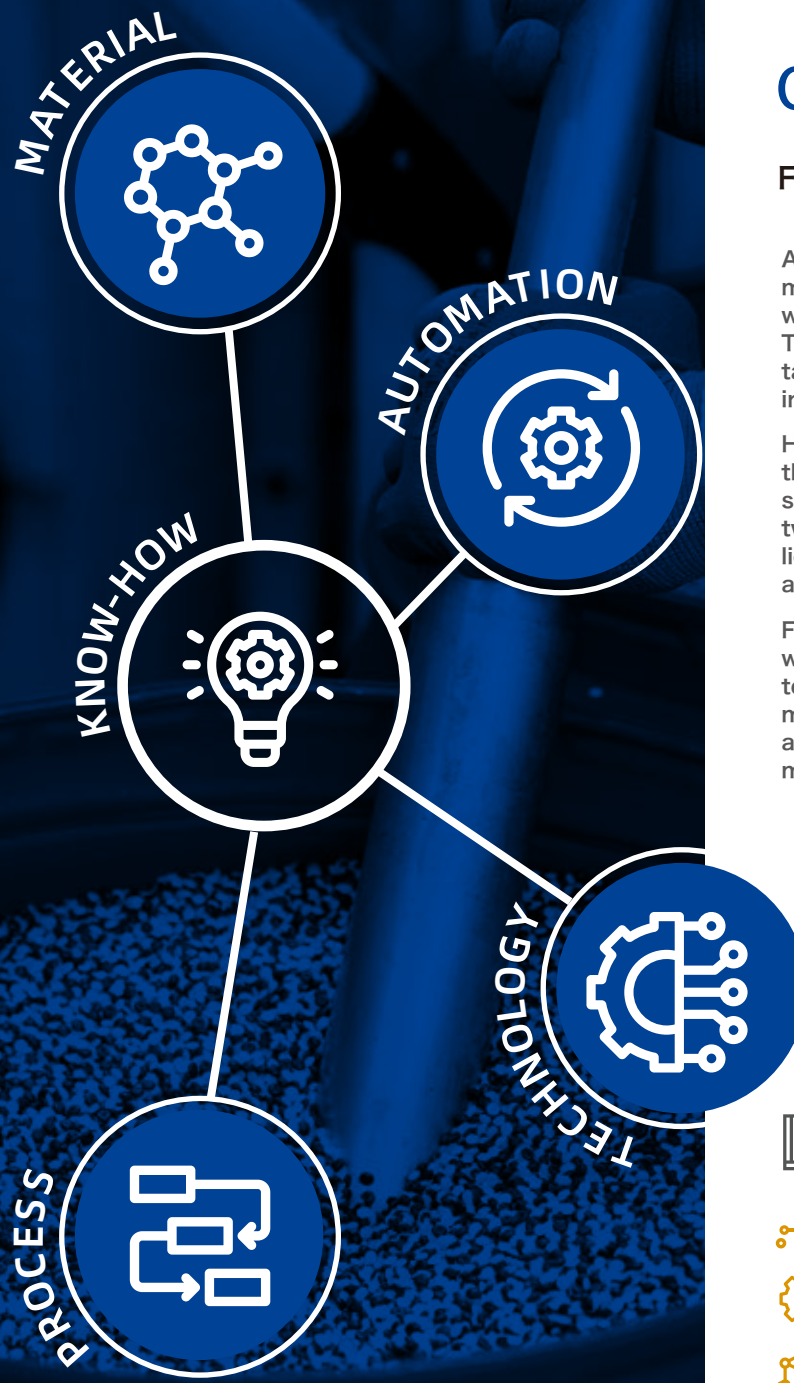
Kautex solutions enable high-performance plastic components — fuel tanks, ducts, and structural parts — helping make mobility lighter, cleaner, and more efficient.



**We work hand in hand with customers across a wide range of industries**  
From mobility to packaging and beyond - scan the QR code to discover the segments we serve and the solutions we provide







# Our Know-How

## From Concept to Creation.

At Kautex, innovation goes beyond building machines. It is about transforming visions into real, working solutions. At the heart of this effort lies our Technology Center - the Technikum -where ideas take shape, prototypes become products, and innovations move from concept to creation.

Here, customers can explore new possibilities, test their designs, and refine their processes with the support of our engineering expertise. From digital twins to automation systems, from advanced hydraulics to intelligent cutting technologies - what starts as an idea soon becomes tomorrow's solution.

For us, innovation is not a goal in itself. It is a way of working - together with our customers, partners, and teams. Every project in the Technikum reflects our mission: to transform creativity into performance and to ensure that every new development brings measurable benefits to those who trust us.

## OUR TECHNICAL CENTER



4 Lab-Machines for



Material Testing



Simulation



Article Testing



Sampling



Article Design



Small-Series Production

# Our Service

## Always On. Always Kautex.

With every Kautex machine comes more than equipment - it comes with a promise. A promise that your production will keep running, reliably and efficiently, not only today but for years to come.

Our service philosophy goes far beyond simple support. It begins long before installation, with training programs and digital twins that prepare your team for operation. It continues with remote diagnostics, live video support, and proactive audits that prevent problems before they occur.

We ensure that original spare parts are available when and where they are needed, thanks to regional hubs, multilingual support, and an intuitive online shop. And with retrofit solutions, we make sure your existing machines remain fit for the future - improving efficiency, reducing energy use, and extending machine life.

For us, service is not something we offer after the sale. It is the way we work every day - building trust, creating continuity, and enabling sustainability by making what you already have last longer.

## OUR SERVICE PRODUCTS



In-person and virtual Trainings



Lifecycle Prolonging and Machine Relocation



Remote, Field and Consultant Services



Efficiency Increasing and Machine Adaption



Discontinued Parts Solutions



# Responsible Innovation for a Circular Future

Commitment beyond Business.



At Kautex, sustainability is not a trend. It is a conviction - deeply rooted in our way of thinking and working. We believe the future of plastics will be defined by how we design, produce, and recycle them today.

That is why we enable our customers to use recycled materials, save energy, and close the loop of production. With innovations such as our ReCo3 three-layer technology, advanced barrier layers, and post-consumer recycled (PCR) solutions, we demonstrate how technical progress can lead to real-world impact.

Projects like R-Cycle help make plastic packaging traceable and recyclable from the very first production step - paving the way for a truly circular economy.

Our sustainability rests on four pillars:

-  **ENVIRONMENTAL**  
Reducing energy and waste, enabling circularity
-  **ECONOMIC**  
Building long-lasting machines that improve efficiency
-  **SOCIAL**  
Investing in education, diversity, and fair partnerships
-  **PERSONAL**  
Supporting lifelong learning, flexibility, and development for our people

Our mission is clear: to move from linear production to circular innovation. Because shaping the future means doing what is right - not just what is possible.



Member of  **R-Cycle**  
R-Cycle is the open and globally applicable standard for the tracing of plastic packagings throughout the life cycle.

# Kautex is Powered by People

Where expertise meets dedication to create lasting solutions.

Technology alone does not create progress. It takes people - their knowledge, creativity, and dedication - to transform machines into real solutions.

At Kautex, our engineers, technicians, service experts, and project managers form the backbone of our success. Their expertise, passion, and teamwork are what drive innovation forward. Every product we deliver and every solution we create is shaped by the people behind it.

Our customers trust us not only for what we build, but for how we build it - in close cooperation, with reliability, and with a shared sense of purpose. Because at the end of the day, Kautex is more than a technology company. We are a people company. And our people build trust.





# Kautex & Jwell – A New Chapter

## German Roots, Global Reach.

Kautex stands for more than 90 years of experience and for the energy of new beginnings. With more than 150 specialists in sales, engineering, and service, we are globally connected and locally committed. Thousands of Kautex machines operate in over 100 countries across five continents, shaping plastic solutions for everyday life.

In 2023, we entered a new era by joining forces with Jwell Machinery Group, one of the world's largest manufacturers of plastics machinery. This partnership strengthens us with scale, speed, and access to an even broader spectrum of plastics processing technologies.

Extrusion blow molding remains our core. But through Jwell, we extend our capabilities into film extrusion, thermoforming, sheet processing, and recycling - giving us a true 360° view of plastics processing. Together, we combine German engineering roots with global strength, creating more opportunities for our customers and ensuring a stronger foundation for the future.

**Future needs origins. And origins need opportunity.**

### INTERNATIONAL FACTORIES

Thailand  
Spain  
Germany  
Mexico

### CHINESE FACTORIES

Zhejiang Zhoushan  
Shanghai Jiading  
Suzhou Taicang  
Guangdong Dongguan  
Changzhou Liyang  
Zhejiang Haining  
Taicang Nanjiao  
Anhui Chuzhou  
Anhui Quanjiao  
Liyang Shangxing  
Foshan Kautex  
Suzhou Kautex

## JWELL GLOBAL



**14+**  
Manufacturing Bases



**10+**  
Overseas Offices



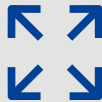
**580+**  
R&D Engineers



**1000+**  
Patents



**3,500+**  
Jwell Employees



**1MM+ m²**  
Plant Area



**1**

Germany

**Kautex Maschinenbau  
System GmbH**

Kautexstrasse 54  
53229 Bonn  
Germany



**2**

USA

**Kautex Machines Inc.**

8 Bartles Corner Rd  
NJ 08822 Flemington  
USA



**3**

Mexico

**Kautex Machines  
Mexico, S.A. de C.V.**

German Centre Mexico  
Av. Santa Fe 170, Santa Fe,  
Zedec Sta Fe, Álvaro Obregón  
01376 Ciudad de México  
Mexico



**4**

China

**Foshan Kautex  
Machinery Co., Ltd**

No.5, Lunjiao Industrial  
Avenue  
528308 Shunde Foshan  
PRC



**5**

China

**Kautex Machinery  
(Suzhou) Co., Ltd**

NO.18, Dong'an Road  
215400 Taicang  
Suzhou PRC

# Who We Are

From strong origins to a sustainable future.

So, who is Kautex?

We are engineers, inventors, and doers. We are listeners, partners, and visionaries. We are a team with over 90 years of history - and a clear view of the future.

We believe in solutions. We believe in progress. And we believe in partnerships that last.  
Because the future needs origins.  
And origins need vision.

**We are Kautex.**



## Get in touch

We are happy to help! Please feel free to contact us for any inquiries or assistance you may require.