

Make the Impossible Possible

**MACHINES FOR
THE PRODUCTION
OF DISPOSABLE
HYGIENE
PRODUCTS**



ZUIKO Corporation

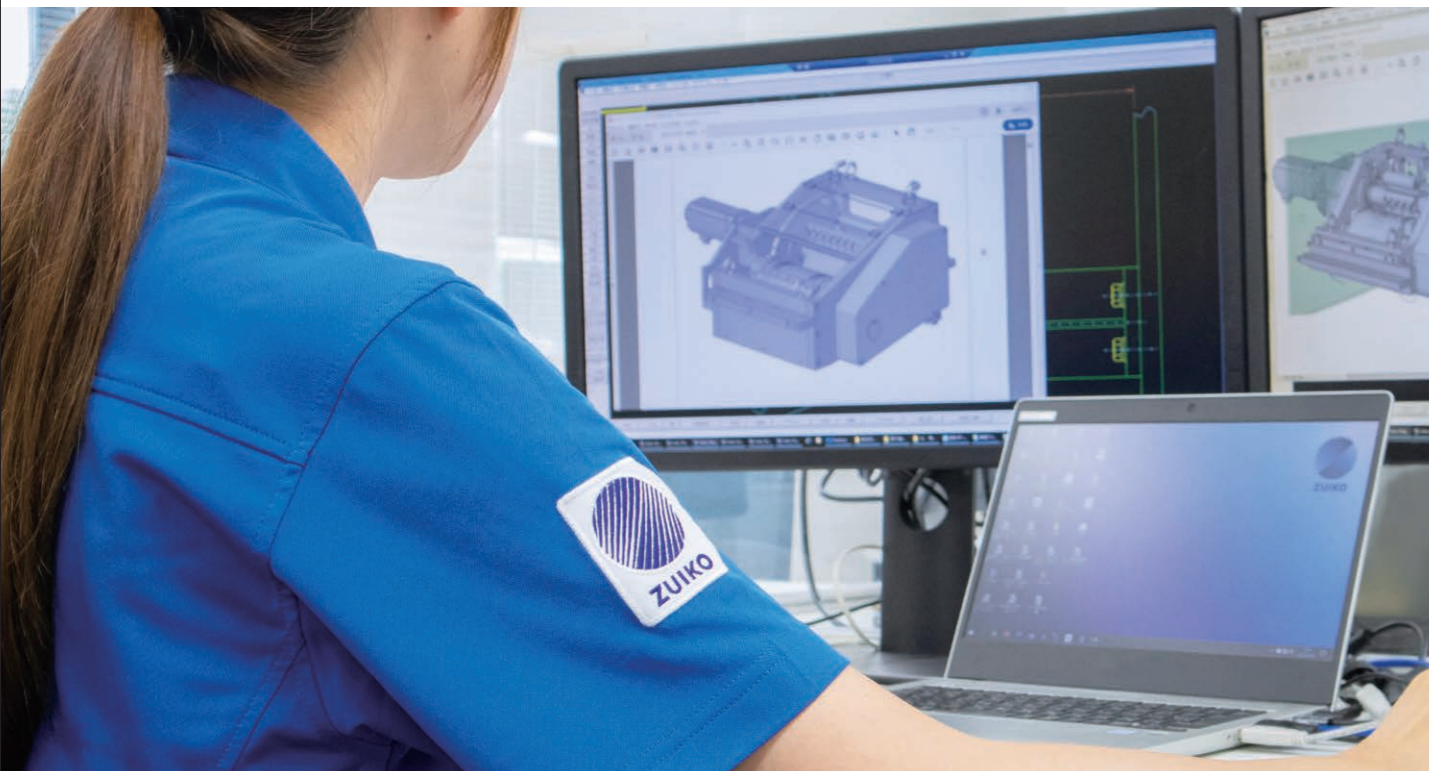
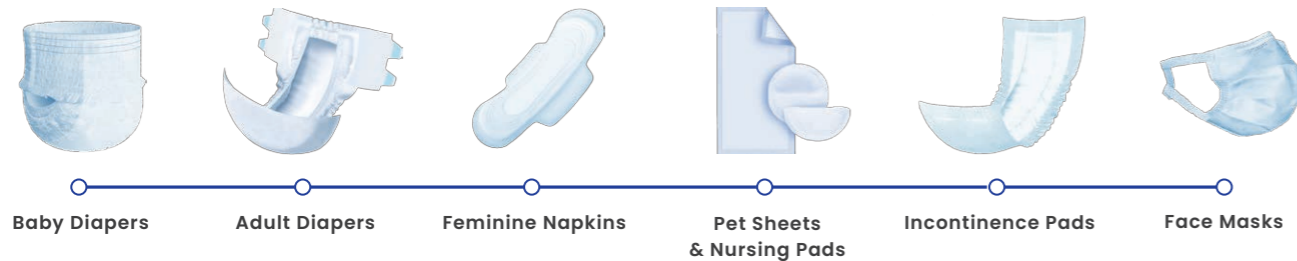
2-1-2 Saitohanada Ibaraki, Osaka JAPAN 567-0082 Japan Tel : + 81 (0)72-648-2215 mail : inquiry@zuiko.co.jp



MACHINES DESIGNED and MANUFACTURED for the PRODUCT

With over 6 decades of experience in manufacturing machines for disposable hygiene products, ZUIKO continues to gain business around the world thanks to

continuous development and innovation. Each machine is made-to-order and designed for each customer based on their requirements and specific needs.



01 Engineering and Design



Expert teams of engineers work together to design and develop specialized technologies. Creativity, innovation, and originality are the keys to ZUIKO's style of "monotsukuri."

02 Machining and Fabrication



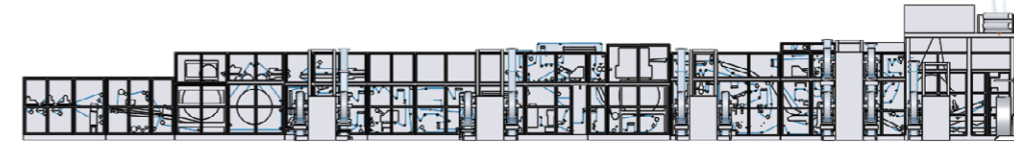
Experienced machinists and assembly technicians take immense pride and care when manufacturing our machine for customers. The level of detail matters because machines are made to operate for decades.

03 Quality Assurance



Each part and unit that make up a machine are carefully checked at each stage of manufacturing using specific tools and instruments. All outsourced components are from verified vendors.

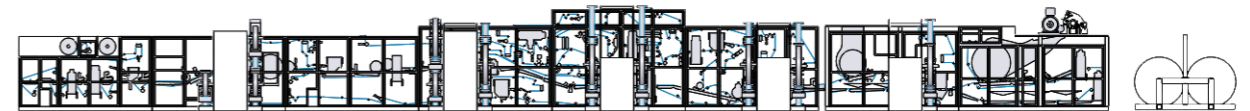
Pants Type Converting Machines



Example image of right-to-left, baby pants diaper converting machine

BABY	Production Speed (pieces/minute)	Dimensions (L×W×H)	Product Sizes	Weight
Premium	1,000	43m×11m×6m	2 Sizes Possible	Approximately 100-130 Tons
Standard	700	37m×10m×4m	5 Sizes Possible	
ADULT	Production Speed (pieces/minute)	Dimensions (L×W×H)	Product Sizes	Weight
Premium	450	53m×11m×6m	2 Sizes Possible	Approximately 130-150 Tons
Standard	350	43m×11m×6m	4 Sizes Possible	

Tape Type Converting Machines



Example image of right-to-left, flow baby tape diaper converting machine

BABY	Production Speed (pieces/minute)	Dimensions (L×W×H)	Product Sizes	Weight
Premium	1,000	40m×11m×5m	2 Sizes Possible	Approximately 100-130 Tons
Standard	700	33m×10m×4m	5 Sizes Possible	
ADULT	Production Speed (pieces/minute)	Dimensions (L×W×H)	Product Sizes	Weight
Premium	500	45m×10m×4m	2 Sizes Possible	Approximately 120-150 Tons
Standard	350	45m×10m×4m	5 Sizes Possible	

Feminine Care Converting Machines



Example image of left-to-right, flow sanitary napkin converting machine

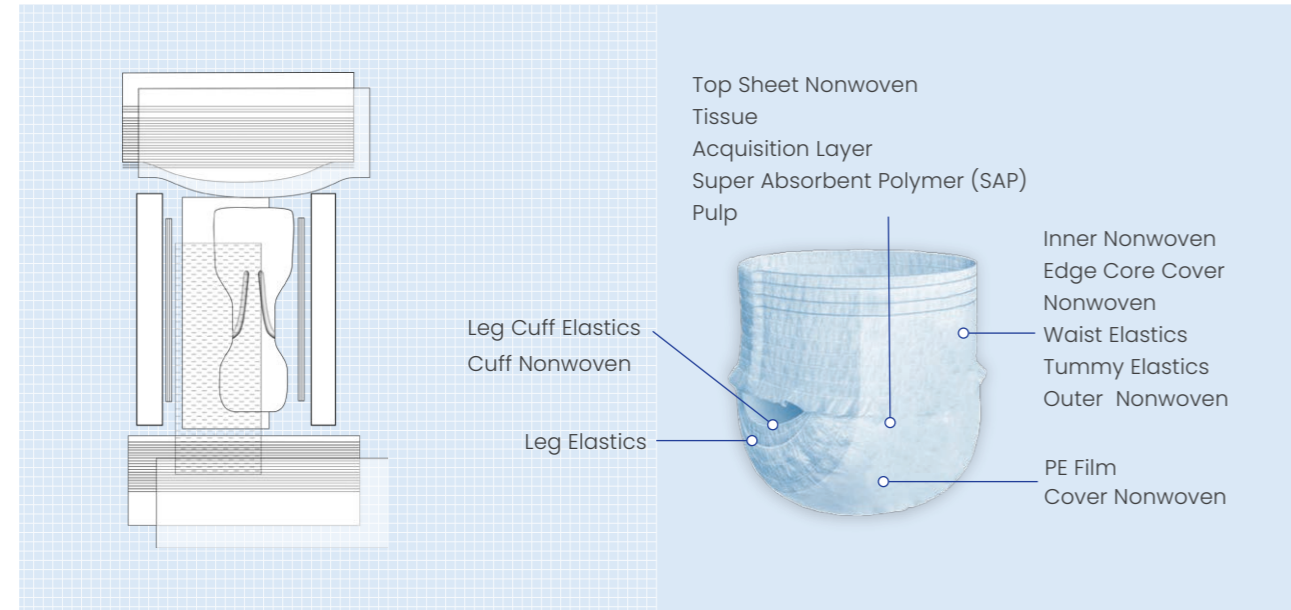
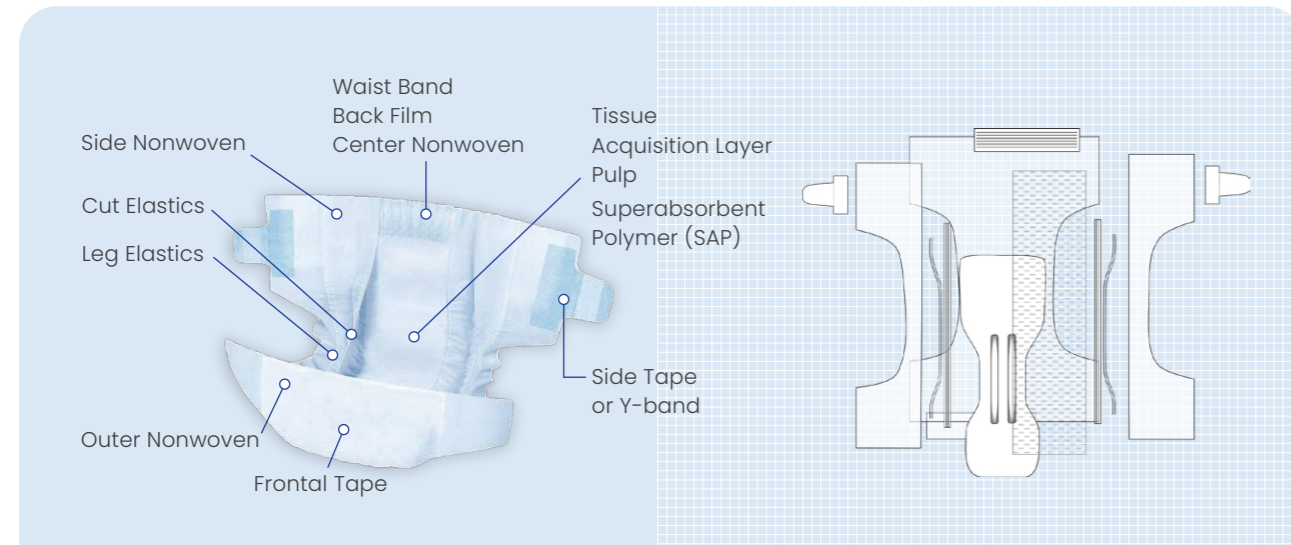
NAPKIN	Production Speed (pieces/minute)	Dimensions (L×W×H)	Product Sizes	Weight
Premium	1,400	30m×11m×5m	2 Sizes Possible	Approximately 100 Tons
Standard	1,200	30m×10m×4m	4 Sizes Possible	

ZUIKO helps customers succeed by creating value in products. ZUIKO provides the best converting technologies so customers can produce suitable products for the market.

PRODUCT CUSTOMIZATION

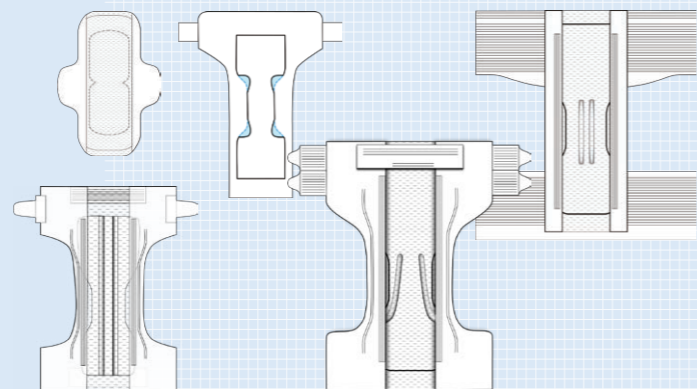
Machines are customized because each product design requires very specific processes for production. As a specialist in disposable hygiene product machinery,

ZUIKO's knowledge regarding the product, its manufacturing, and its performance is renowned around the world.



Product Variations

Consumers around the world have different and specific needs. ZUIKO's understanding of market trends provides an advantage to customers that need forward-thinking help from a machine manufacturer's point-of-view. It's a symbiotic partnership between vendor and customer that leads to long term and future success.



Advancing the Industry through Innovative Technology

ZUIKO provides innovative manufacturing technologies that add value and function to the product. This is what

is different from many competitors and how ZUIKO is considered an industry leader.

Glue-free Technologies

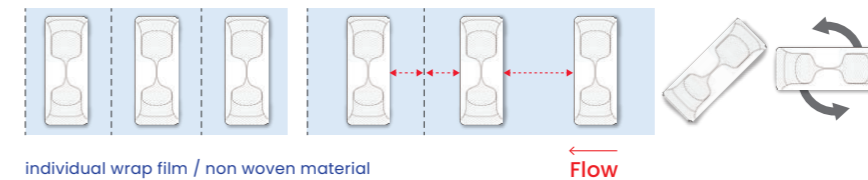
Laminating or sealing materials using heat or hot melt is expensive in the long run. Application of ultrasonic welding technologies to diaper and sanitary napkin production is more energy efficient and less costly. ZUIKO Glue-free technologies are pushing the industry into more glue-less product designs.



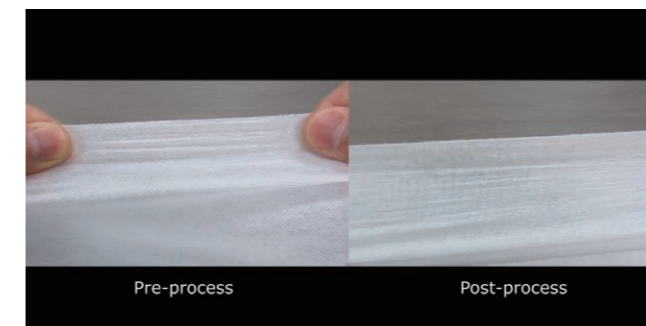
Industry Leading Turn & Re-pitch Technologies

Turn & Re-pitch is one of the most difficult processes in high speed diaper and sanitary napkin production. Requiring precision in manufacturing and design, the performance and stability of ZUIKO's technology is one of its great strengths. Both mechanical and the latest full-servo options are available to match the usage needs of customers.

Re-pitching the product uses raw material more efficiently as only the minimal amount is used. Unnecessary raw material is used if re-pitch is not used.

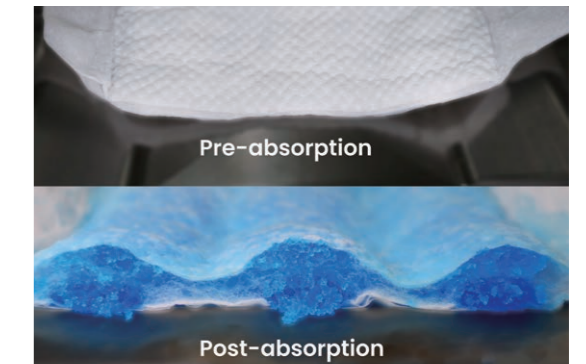


Stretchable Material Technologies



ZUIKO offer technologies that convert materials into soft, stretchable, and breathable underwear-like materials for diapers and incontinence products. Depending on the application, various options are available and can dramatically reduce materials costs.

Absorbent Core Technologies

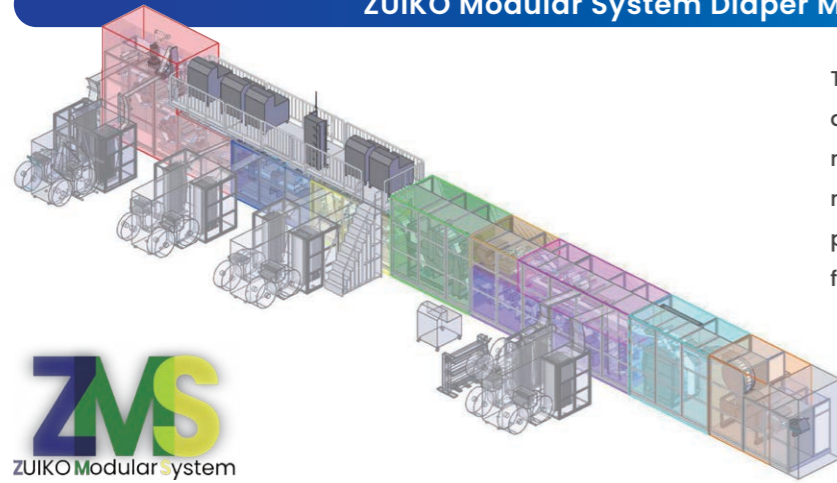


Super Absorbent Polymer (SAP) sheets, SAP phasing (dosing shift), Double Stream™ and Hybrid Core™ technologies. add valuable function to the most important component of diapers and incontinence products. All can be done in the machine, or offline to supply multiple machines.

CREATION AND INNOVATION

New Products and Innovative Machines Concepts

ZUIKO Modular System Diaper Machine



The ZMS machine was designed to adapt quickly to constantly changing consumer markets by designing processes into modules. Adopting the ZMS as a machine platform can help manufactures improve flexibility and keep running costs low.

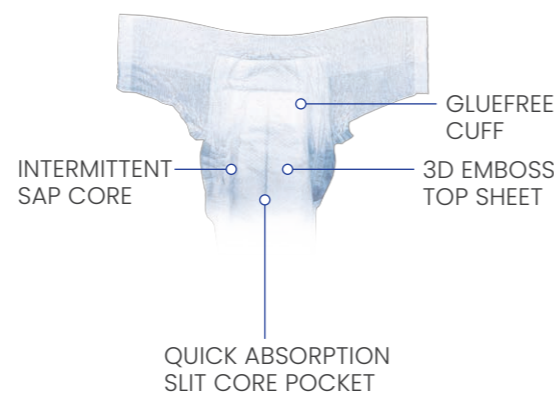
EZadjust™ Re-closeable Diapers



EASY
to pull on and off like pants

ADJUSTABLE
like tape diapers

Merging the benefits of both tape and pants diapers into one product, it is stretchable for comfort and easily adjustable. The re-closeable diaper won a Good Design Award for its innovative design in 2021.



Multi Products Machine™

Adult Diapers & Incontinence

Baby Diapers



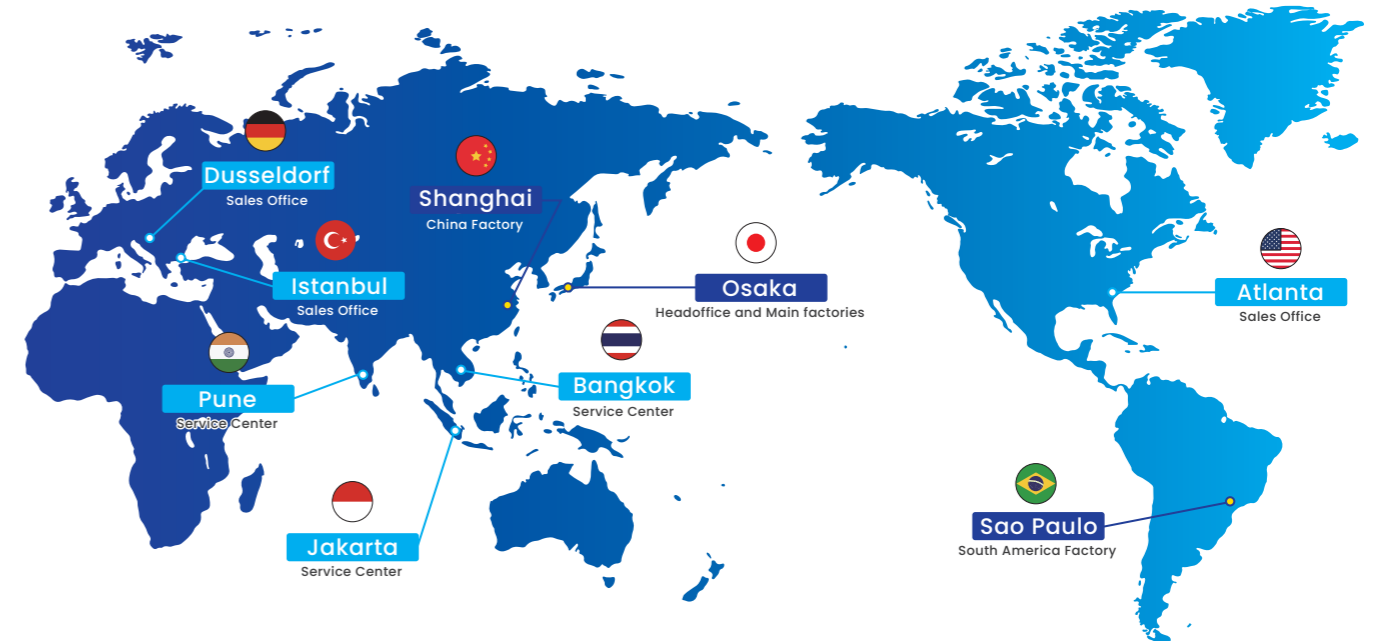
All-in-One Machine

The creative and innovative engineers at ZUIKO are in the process of developing a machine that is capable of manufacturing multiple disposable hygiene products in a variety of sizes. Using patented and patent pending technologies, the new Multi Products Machine™ will help customers lower overall investment costs, simplify operations, and in some cases, expand their product lineup. Contact ZUIKO for more information about this cutting-edge, industry changing technology.

SERVICE AND MAINTENANCE AROUND THE WORLD

Service centers and sales offices located around the world provide immediate assistance to customers around the world. Including standard consulting work

and project management, ZUIKO's support network provides after-sales services like spare parts, unit overhauls, and maintenance services.



MAINTENANCE

- >> Periodic
- >> Planning
- >> Diagnostics



TROUBLE SHOOTING

- >> Inefficiencies
- >> Quality
- >> Performance



TRAINING

- >> Operations
- >> Maintenance
- >> Repair



WORLDWIDE ASSISTANCE

- >> Localization
- >> Quick Feedback



RETROFIT & OVERHAULS

- >> Onsite
- >> Planning
- >> Updating Technology



PRODUCT EVALUATION

- >> Standardized
- >> Consultation

