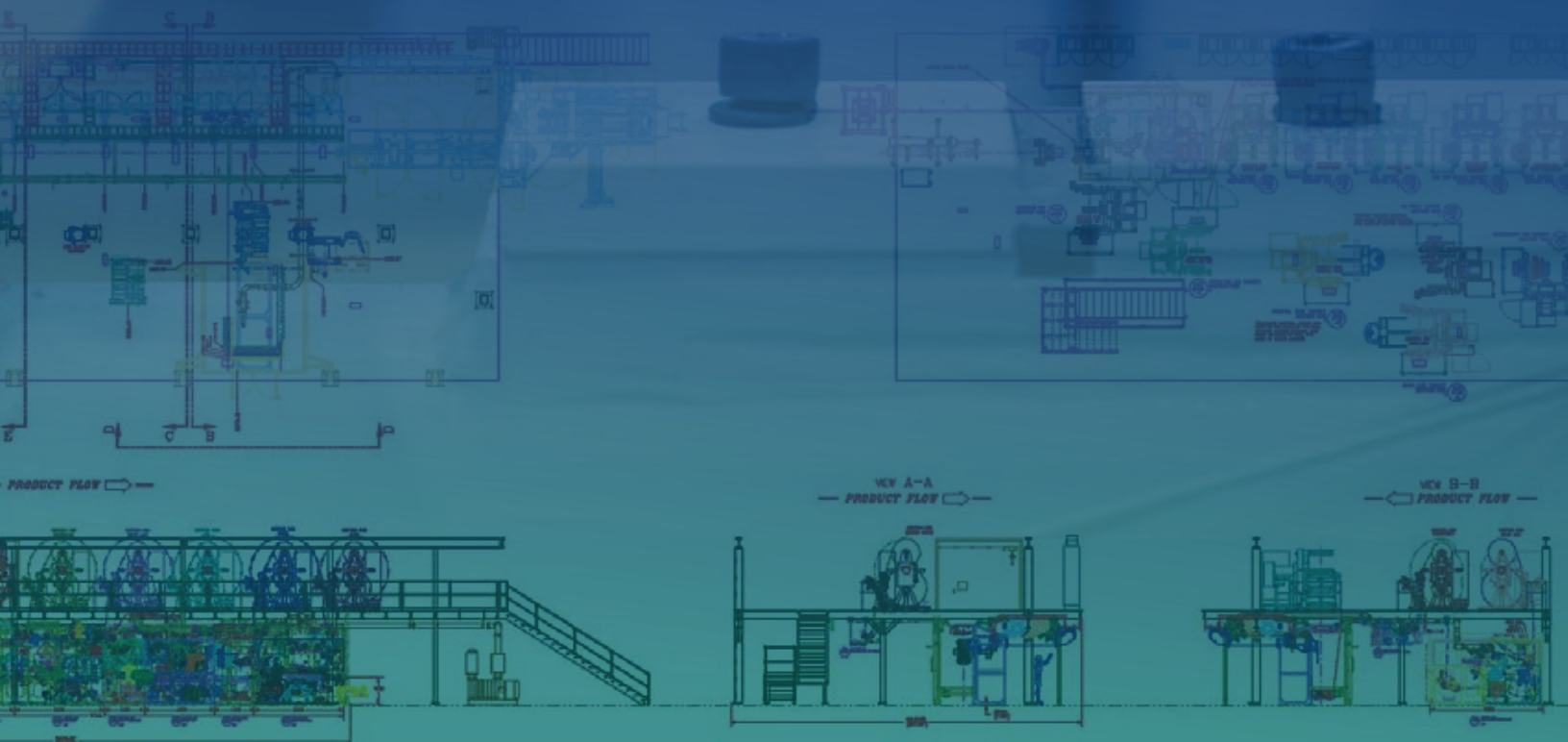


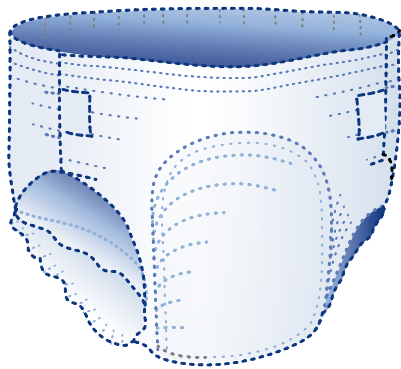


# J8T-B

BABY DIAPER MACHINE

Unrivalled efficiency built  
into every machine.





Meet market demands with our  
fast and flexible platform.

**As the fastest baby diaper machine on the market, the JOA® J8T-B Baby Diaper Machine** is the most efficient converting solution in the industry. This platform-based solution incorporates proprietary JOA® technology that can be customized by our engineering team with features and functionality to meet your unique product and production requirements. Innovative technologies enable high speeds and superior product quality while reducing material waste.

We provide advanced solutions to the toughest industry challenges, including enabling customers to run thin, low GSM materials through the machine and easily manufacture product cores with high SAP content. Designed to seamlessly handle machine upgrades as technologies evolve, components can be retrofitted with minimal investment and downtime.

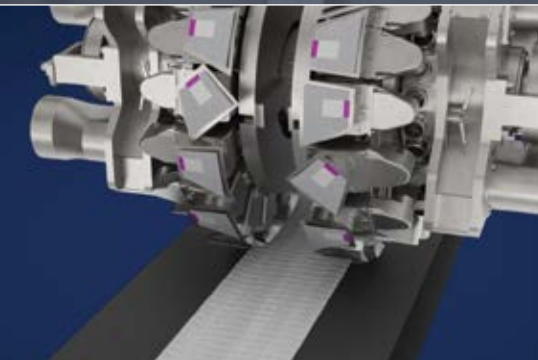
**MACHINE  
SPEED**  
UP TO 600  
METERS PER MINUTE

**PRODUCTION  
SPEED**  
UP TO 1200  
PRODUCTS PER MINUTE

**BASE  
MACHINE SIZE**  
36M X 14M X 6.8M  
(L X W X H)

**BABY  
DIAPER SIZES**  
NEWBORN  
TO SIZE 7

THESE REPRESENT BASE CONFIGURATIONS. WE CAN ENGINEER A MACHINE TO YOUR SPECIFIC REQUIREMENTS.



**Minimize scrap and increase production speed.**

The J8T-B platform features cutting-edge technologies, including a patented No Scrap Ear (NoSE) cutting process that eliminates expensive ear material waste, and the patented low-impact Gentle Touch™ Folder that retains product core integrity at high converting speeds. In addition, our turret unwinds automatically splice raw materials at-speed and our unique ultrasonic bonding methods reduce energy and material costs by eliminating adhesives.

**Improve quality with automatic inspection and correction.**

In-line product inspections—at full machine speed—are made possible with our proprietary and customized Vision Control System. Integrated with all machine processes and customized for the product being manufactured, the Vision Control System automatically rejects single products and self-corrects the machine when product inconsistencies are detected, significantly reducing material waste and ensuring product quality throughout production.

**Increase uptime and eliminate manual processes.**

JOA® automated technologies significantly reduce manual labor requirements and improve operator safety. Our Automatic Roll Loading System (ARLS) automates material loading, from roll retrieval to placement on the turret to disposal of the empty core.



---

## Machine Features

### Significantly Reduce Floor Space

- Two-level machine design—Mechanical Equipment Platform (MEP)—saves space and shortens the web

### Configured to Your Needs

- Flexible machine processes are custom designed to your specific requirements
- Engineered for customer-specific core design
- Integrates with customer-specified commercial hardware, including adhesives or ultrasonic bonding processes
- Experience and advice to determine the optimal product design for production efficiency
- Sizes range from newborn to 7

### Reduce Material Waste and Improve Quality

- Patented No Scrap Ear (NoSE) cutting process eliminates expensive ear material waste
- Low Roll Splice Initiation System minimizes unused material left on each roll, reducing waste
- Patented Gentle Touch™ Folder enables low-impact bi, tri, quad folding to eliminate core cracking at high production speeds
- Design enables shorter web paths to reduce web wrinkling
- Automatic web tracking and web tension control that monitors material throughout the machine processes

### Quality Control and Automatic Correction Systems

- Proprietary Vision Control System enables customized product inspections at full speed
- Single product rejection—at speed—eliminates unnecessary waste
- Turret unwinds without accumulators for splicing, eliminating risk of material wrinkles
- Patented cuff-fold correction system spots and auto-corrects open cuff folds
- Patented Acquisition Distribution Layer (ADL) inverter correctly orients material, eliminating product defects and material waste

### Increase Uptime and Labor Efficiencies

- Vertical Reciprocating Conveyor automatically elevates material rolls to second level
- Metering function for each turret unwind enables easy machine web-up
- Auto re-feed reduces stoppages due to damaged material
- Auto-correction systems eliminate machine stoppages

### Glue-free Bonding Reduces Costs

- Ultrasonic Elastic Entrapment eliminates need for adhesives and reduces energy consumption

### Superior Production Speeds

- Turret unwinds splice raw material at full machine production speed
- Full servo technology

### Operator Safety and Ease of Use

- Sliding safety guards for total access to process units
- Ergonomic, operator-friendly Human Machine Interface (HMI)
- Custom sound abatement

### Fully Compliant

- Global safety and electrical compliance
- Meets CE/NFPA/OSHA compliance and regulations

### Responsive Support to Reduce Downtime

- Remote assistance for real-time service
- Onsite service
- Flexible Operator and Maintenance training at start-up and available throughout the life of the machine

---

## Optional Machine Features

### Eliminate Manual Processes

- Patented Automatic Roll Loading System (ARLS) eliminates manual roll material loading/unloading
- Advanced Recipe Manager (ARM) saves product SKU details for faster product changeout

### Use Data to Make Better Decisions

- Customer-specific production data collection
- Data trending and remote support capabilities



Sustainable technology solutions that improve quality, minimize waste and reduce costs.





Customize your products with multiple options.

---

## Core Forming

### CORE TYPES

- Single
- 2D or 3D
- Continuous or discrete
- Shaped or channeled

### CORE COMPOSITION

- Pulp-less core process
- High-Density Core (HDC) process

### CORE WRAP TYPES

- C-wrap with cover
- Single wraparound
- Sandwich wrap

### CORE WRAP MATERIAL

- Tissue or nonwoven

---

## Chassis

- Backsheet lamination
- Registered backsheet
- Registered landing zone
- Standing leg gathers/  
cuff for three-piece  
topsheet construction
- Ultrasonic entrapment of  
cuff elastics

---

## Additional Options

### FRONT/BACK EAR

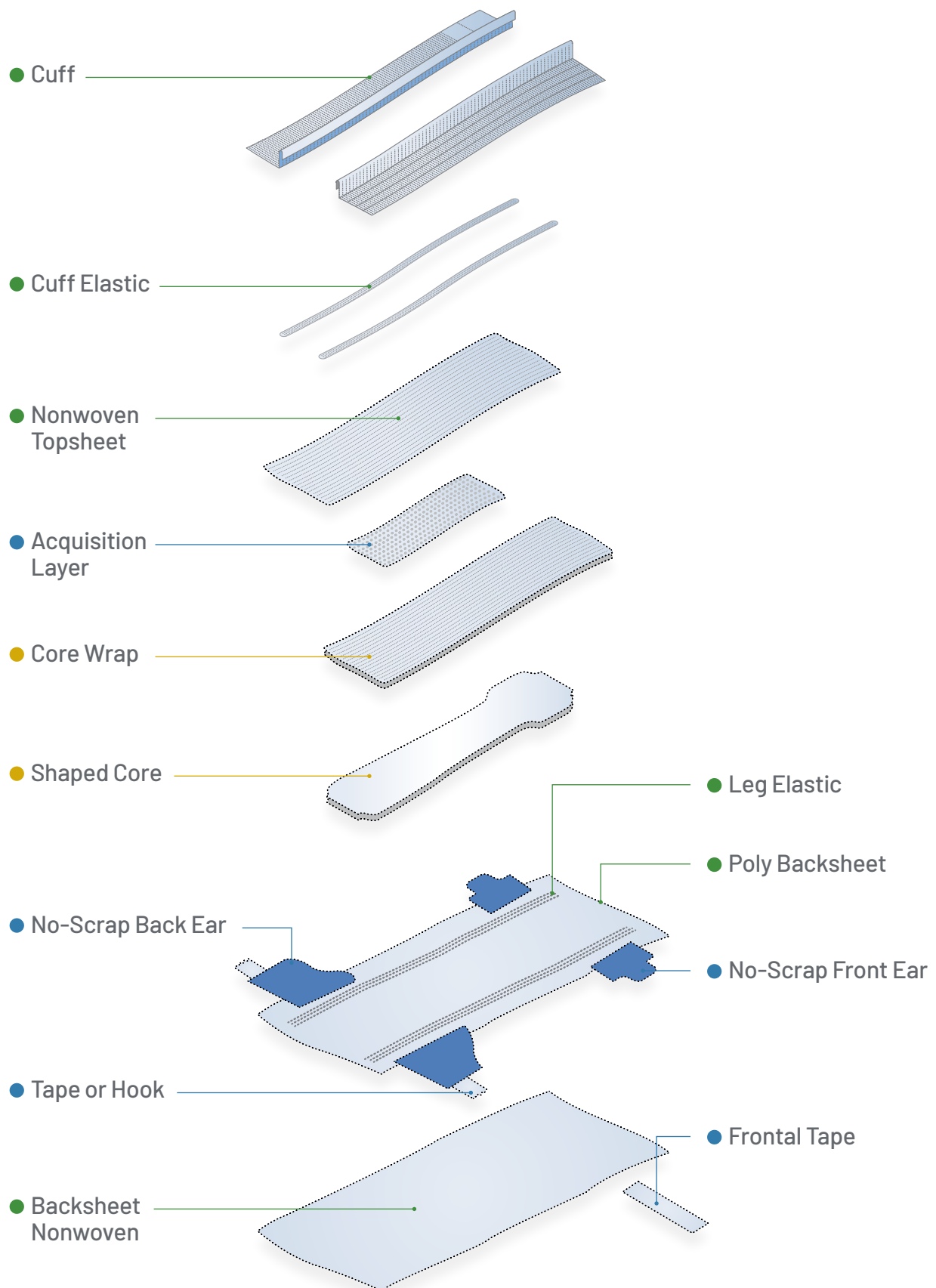
- No Scrap Ear (NoSE) cutting  
process creates zero waste  
for back ear
- Multiple ear shape options
- Hook or Y-bond tape
- Ultrasonic reinforcement of tape

### DISTRIBUTION LAYER

- Automatic Acquisition  
Distribution Layer (ADL)  
orientation correction system

### COMFORT FEATURES

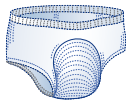
- Wetness indicator
- Lotion application
- Pouch wrap



## JOA® Machine Platforms. Ingenious technologies. Unrivalled efficiency.

### **We engineer it. We build it. We test it. We guarantee it.**

Our team develops platforms and modifications for a broad range of customers. With engineers dedicated to designing each platform and expertise in a wide range of manufacturing processes, we help you deliver exactly what consumers want—now and in the future.



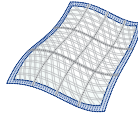
Adult  
Incontinence



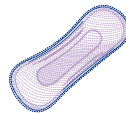
Baby  
Care



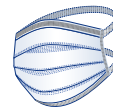
Feminine  
Hygiene



Underpad



Light  
Incontinence



Specialty



Upgrade  
Kits

**Improving the way products are produced worldwide.** For nearly a century, Curt G. Joa, Inc. has provided innovative hygiene and specialty product converting platforms and technologies. At JOA, we design solutions for complex production problems based on a deep understanding of the goals each customer seeks to accomplish. Backed by proactive support, our state-of-the-art solutions are recognized for speed, quality and innovation the world over.



**North America** 1.920.467.6136 | **JOA.com** | Sheboygan Falls, Wisconsin  
**Germany** +49 (0) 2651 800 10 | **JOA-Europe.de** | Mayen, Germany  
**East Asia** +81-90-2066-2949 | Nara, Japan



**SEE IT ONLINE**