

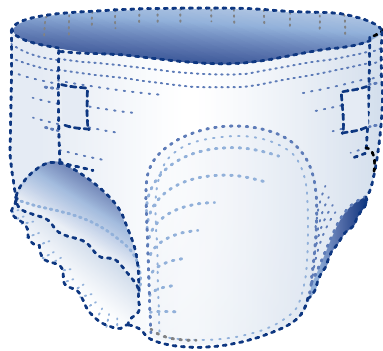


J8T-AB

ADULT BRIEF MACHINE

Flexible and sustainable
solutions for any product or
production requirement.





The best balance of speed and quality.

The JOA® J8T Adult Brief Machine combines speed with versatility to meet your unique product needs. Our engineers work with you to design the most efficient machine, custom for your unique product and production requirements, always providing the optimal solution. Our innovative technologies significantly reduce waste and improve quality throughout the production process. Designed to seamlessly handle machine upgrades as technologies evolve, components can be retrofitted with minimal investment and downtime.

**MACHINE
SPEED**
UP TO 450
METERS PER MIN

**PRODUCTION
SPEED**
UP TO 450
PRODUCTS PER MIN

**BASE MACHINE
SIZE**
21M X 14M X 6.8M
(L X W X H)

**ADULT BRIEF
SIZES**
SMALL TO XXXL

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



Eliminate expensive ear material waste.

Since product ear material is cut into unique shapes, many cutting processes produce scrap. JOA's No Scrap Ear (NoSE) technology eliminates this material waste by nesting ear patterns together. The patented NoSE unit cuts a variety of product shapes including symmetric trapezoids, asymmetric trapezoids and radiused cuts to achieve the back ear design that meets your design, strength and functionality requirements.

Boost production speed without compromising the core of your product.

Typical folding processes utilize a high-impact blade, which can damage the product core at increased machine speeds. The patented JOA® Gentle Touch™ Folder retains core integrity at maximum machine speed, eliminating product defects and enabling production of thinner cores.

Reduce raw material costs.

Ultrasonic bonding capabilities significantly reduce energy consumption and material costs by eliminating the need for adhesives. In addition, ultrasonic bonding results in softer fabric and better stretch by eliminating the stiffening effect from adhesives. And by using material retraction, you have the ability to use lower decitex elastics which also reduces material costs.

Machine Features

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

Reduced Footprint

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

Increase Labor Efficiencies

- Vertical Reciprocating Conveyor automatically elevates material rolls to second level
- Metering function for each turret unwind enables easy machine web-up
- Intermittent poly backsheet application available

Reduce Material Waste and Improve Quality

- Patented No Scrap Ear (NoSE) cutting unit 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 so product isn't damaged 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
- 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
- Turret unwinds without accumulators, eliminating risk of material wrinkles

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

Data Collection

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



Engineering innovative solutions that meet
your customers' demands today and tomorrow.



Customize your products with multiple options.

Core Forming

CORE TYPES

- Single or dual
- 2D or 3D
- Continuous or discrete
- Shaped or straight
- Channeled

CORE APPLICATION

- Fluff or airlaid

CORE COMPOSITION

- High-Density Core (HDC) process

CORE WRAP TYPES

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

CORE WRAP MATERIAL

- Tissue or nonwoven

Chassis (Multi-piece)

DISTRIBUTION LAYER

- Automatic Acquisition Distribution Layer (ADL) orientation correction system

BACKSHEET

- Intermittent poly backsheet application
- Registered backsheet

TOPSHEET

- Standing leg gathers/cuff for three-piece topsheet construction

ELASTICS

- Curved leg elastics
- Ultrasonic entrapment of cuff elastics

COMFORT FEATURES

- Wetness indicator
- Lotion application

Ear/Extension Options

FRONT EAR SHAPE

- Rectangular or shaped

BACK EAR SHAPE

- No Scrap Ear (NoSE) cutting system creates zero waste for back ear

EXTENSION PANELS

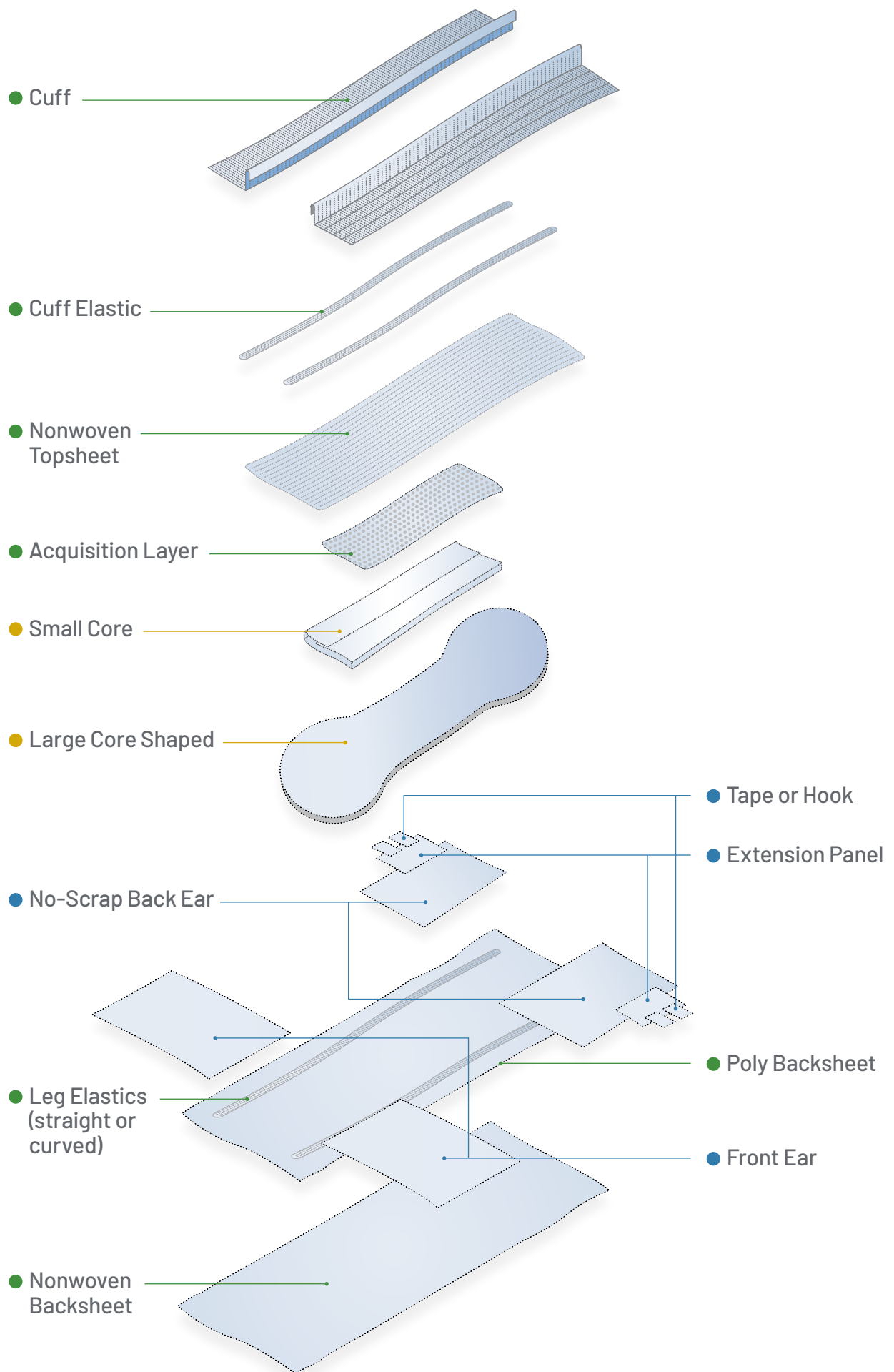
- Stretch or nonwoven

TAPE

- Hook or Y-bond

BONDING

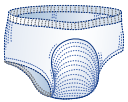
- Adhesive or ultrasonic attachment of hook/tape
- Ultrasonically attached extension panel



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.



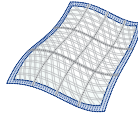
Adult
Incontinence



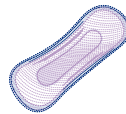
Baby
Care



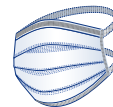
Feminine
Hygiene



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.



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