



CORE FORMING

Custom core formers
for every product variation.

By pairing our industry-leading expertise with design precision and a disciplined process, we create quality core formers for every application. For nearly 90 years JOA has developed and perfected a diverse range of core designs for many different hygiene products. We customize our standard core formers to accommodate any product variation and ensure consistent quality at high speeds for each core. Our engineered solutions not only meet your current goals, but also prepare you for future opportunities. Machine updates are streamlined and require minimum downtime.

Create the right balance in core materials.

JOA designs solutions that produce the specific core construction you need. Our proprietary mills fiberize efficiently and our core formers homogeneously blend SAP and fluff for equal distribution throughout the core.

Everything you need to design your core features without constraints.

Discrete or continuous configurations.

Discrete cores are the optimal configuration. JOA provides both discrete and continuous core configurations. Discrete is for making custom and complex 2D or 3D shapes that provide a larger core area. Wrapped continuous is for containing cores with high SAP content to minimize SAP loss.

Multiple production process options.

Our Flat Screen process pulls fibers directly onto the screen and can be done on a flat wire conveyor or on a drum. The Form on Nonwoven forms the core of the nonwoven, creating an additional filter layer. To manufacture a wide range of products on one machine, leverage our dual core processes.

Product features to enhance user comfort.

Core embossing improves fluid transfer and aesthetics. At JOA, many variations and customizable options are available to meet your specific pattern. We also offer a Core Integrity Glue process that strengthens the core.

Various core wrap materials and designs.

Our extensive core forming capabilities meet customer-specific core wrap requirements. Options include but aren't limited to one-piece wrapped core, two-piece "sandwich" core and two-piece wrapped core.

Core designs that keep customers coming back.

Improve fluid transfer by distributing fluid throughout the entire core with fluid distribution channels. Our 2D and 3D core

design capabilities enable you to achieve the desired thickness across the core. 3D core pockets enable individual designs of every size, shape and depth.

Smart composition options.

Our core formers homogeneously blend SAP and fluff for uniform distribution throughout the core. Designs are also available for cores with minimal or no fluff. A dusting layer can also be added to protect the user's skin by keeping SAP away from the back layer.

Faster size change processes.

We provide process flexibility to produce your full range of products—2D, 3D, discrete or continuous. Our size change drum or pockets can be exchanged during changeover. Size change pockets are small, modular pieces that attach to the core forming drum.



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