Core Forming Options

CURRENT CHALLENGE

You want the flexibility to offer a good, better, best product range without having to purchase multiple converting lines. You have an array of core variations that require flexibility and precision.

JOA SOLUTION

Joa's core forming technologies can be adapted to fit many different types of product variations. With Joa, you can choose between many different designs, patterns and processes to ensure you have the highest quality product performance.

LEARN MORE

Contact your sales representative or email **marketing@joa.com**.

1. Core Types

Wrapped Continuous or Discrete Core

- Reduces SAP Loss.

Embossed Core

- Joa's core embossing process applies a textured pattern to the core. Many variations and customizable options available.

Core Intregrity Glue

- Keeps the fluff/SAP mixture evenly distributed until the product is discarded by the consumer.

2. Core Wrap Options

One-Piece Wrapped Core

- Wraps around core with seam down the middle.

Two-Piece "Sandwich" Core

- Seams are located on the edges of the core.

Two-Piece Wrapped Core

- Wraps around the core with seams on the bottom of the core.

3. Core Design

2D Core Design

- Uniform thickness across the cores.

3D Core Design

- Varied thickness across the core. 3D coreforming available on either nonwoven or tissue. Pockets for 3D coreforming allow for individual designs for every size, shape and depth.

High SAP Concentration

- Experience with up to 70% SAP/30% fluff.

Core Profile

- Rectangular: Straight sides with no width change or shape
- Pitched: Core width varies

4. Core Composition

Homogeneous Blend

- Uniform blend of both fluff and SAP.

Pulp-less Core

- Process for developing a fluff-less core.

Dusting Layer

- A fluff layer on the core that does not contain any SAP, can be applied to the top or bottom of the core. For 2D cores, a dusting layer can be applied to both sides of the core.

5. Size Change

Size Change Drum

- A size change drum can be used to produce 2D or 3D shaped cores. The drums are exchanged during size change. Cores can be formed discretely or continuously.

Size Change Pockets

- Size change pockets are small, modular pieces that attach to the core forming drum. Size change is more manageable and it's quicker to exchange a damaged pocket.

Single or Dual Core Process

- In some instances, dual core processes allow for flexiblity of a wide range of products to be manufactured on one machine.