

The Cookie Capper

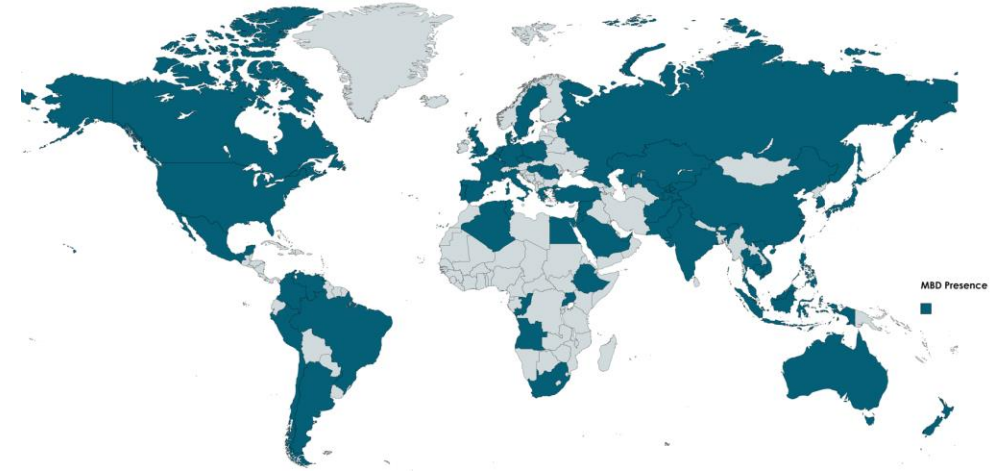
**Leading Through
Innovation**

MB&D



A Global Company

- International presence since 1974.
- Customers in over 60 countries.
- Privately owned.
- Technology driven built on innovation, integrity, and teamwork.
- Network: Agents and representatives in strategic locations around the world. Partnering with all high-end equipment suppliers.
- Team: MB&D ensures that we meet the needs of our customers with offices in USA and Europe.



Some of Our Customers



Why MB&D?

- Inhouse engineering and manufacturing = quick turnaround
- Expertise in filling preparations working with multiple European partners
- 45+ years of experience and exposure with depositing processes
- Robust design
- Ease of use
- Multiple deposit types on same biscuit
- Fast change overs
- 24/7 worldwide support
- Flexible to produce many different products on same machine
- 400+ Cookie Capper in operation

Sandwiching made easy!

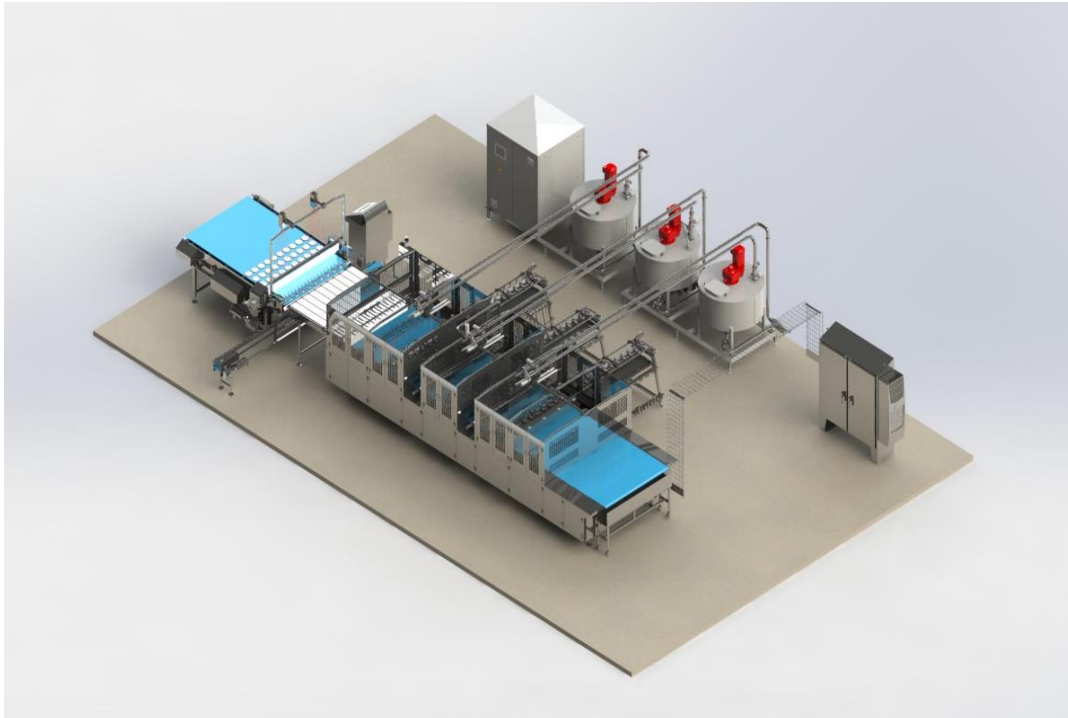


- Provides a turnkey and highly flexible solution to our customers worldwide.
- Our system is designed to run delicate soft cake, wire-cut and rotary molded cookies that fluctuate in size and shape because of upstream processes.
- Speeds up to 300 cookie rows (150 rows of sandwiches) per minute.

Product examples sandwich biscuits and tartlets



The Cookie Capper – A complete solution



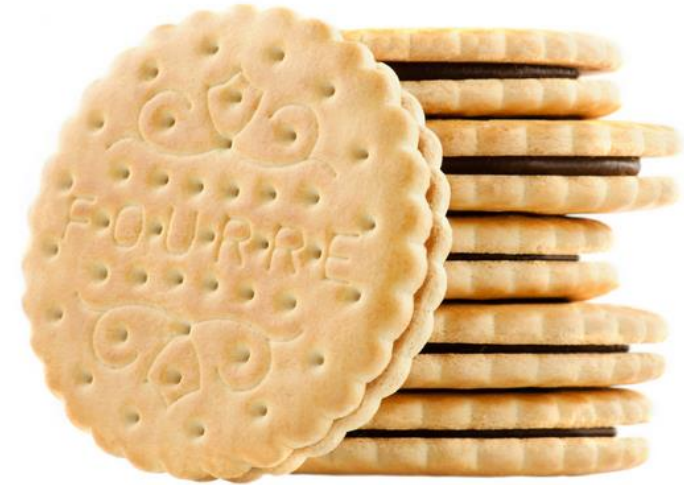
- Controls placement of filling and top cookie within + or - 1 mm and control filling target weights to within ± 1 %.
- Machine widths up to 2 meters wide enable high production rates by processing many products per machine cycle.
- Quick Changeover and Versatility.
- Flexibility – Our system can make Single layer and Double layer sandwiches or tartlets with multiple fillings. Any style and size of cookie you can think of, including wire cut, die cut, square or rectangular products, soft cakes, and much more!

The Cookie Capper – Features

- Simple Proven Process
- Sanitary Design
- Easily maintained and operated
- Changeover friendly with Flexible Change Part Components
- Linear Capping Design
- High-tech control systems
- Change part Racks
- CIP Options
- Conveyor mode By-Pass Capability
- Multiple Servo and mechanical options
- Alcohol spray systems
- HMI deposit weight control
- Optional No Product-No Deposit
- And much more!!

The Cookie Capper - Filling Types

- Sugar Cremes
- Jams
- Nut Butters
- Ice Cream
- Caramel
- Chocolates
- Marshmallow
- Cheeses
- Icings



The Cookie Capper - Filling Types



The Cookie Capper - Filling Types



The Cookie Capper - Filling Types



The Cookie Capper - Filling Types



The Cookie Capper - Assortment



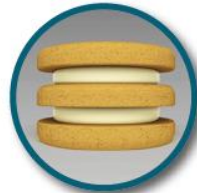
Multiple Possibilities!



CO-EXTRUSION DEPOSIT



CO-EXTRUSION SANDWICH



DOUBLE DECKER SANDWICH



MALLOW PUFF TARTLET



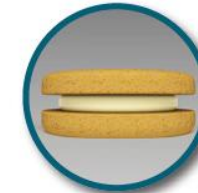
MULTI-STRIP DEPOSIT



MULTI-STRIP SANDWICH



SPOT DEPOSIT



SPOT DEPOSIT SANDWICH



DUAL DEPOSIT TARTLET



HALF & HALF SANDWICH



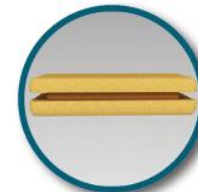
HALF & HALF DEPOSIT



JAM & CREME RING



STRIP DEPOSIT



STRIP DEPOSIT SANDWICH



SWEEP DEPOSIT



TARTLET



JAM & CREME SANDWICH



CAKE DEPOSITING



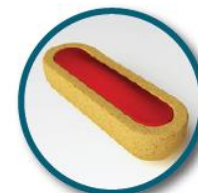
CAKE SANDWICH



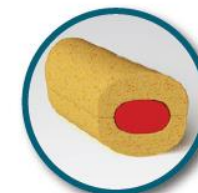
MULTI SPOT RECTANGULAR



SPONGE CAKE SECTIONED



CAKE SANDWICH STRIP DEPOSIT



CAKE SANDWICH



RECTANGULAR DUAL-DEPOSIT TARTLET

MB&D Deposit Manifold Types

- Single Nozzle – One Filling
- Single Nozzle – Two Fillings side by side
- Double Mechanical Manifolds (Two Fillings on same biscuit)
 - Two manifolds mounted side by side
- Single Nozzle – Coextrusion
 - Filling inside filling
- Injection for Cake Products
- Multi-valve Servo Actuated Manifold
- Sweep Manifolds
- Wirecut Extrusion



One Machine – Multiple Capabilities!

- **Product Capabilities**

Our system will be able to produce existing products and to be flexible enough to produce any type of product.

- Tartlet, Sandwich
- Shapes: Round, Rectangular, Oblong, Free Shape
- Filling: All pumpable fillings
- **Deposit Styles:** Capable of spot, strip, side by side, Co-extrusion, two or three fillings

Servo Cookie Capper for Double Decker and Tartlet options

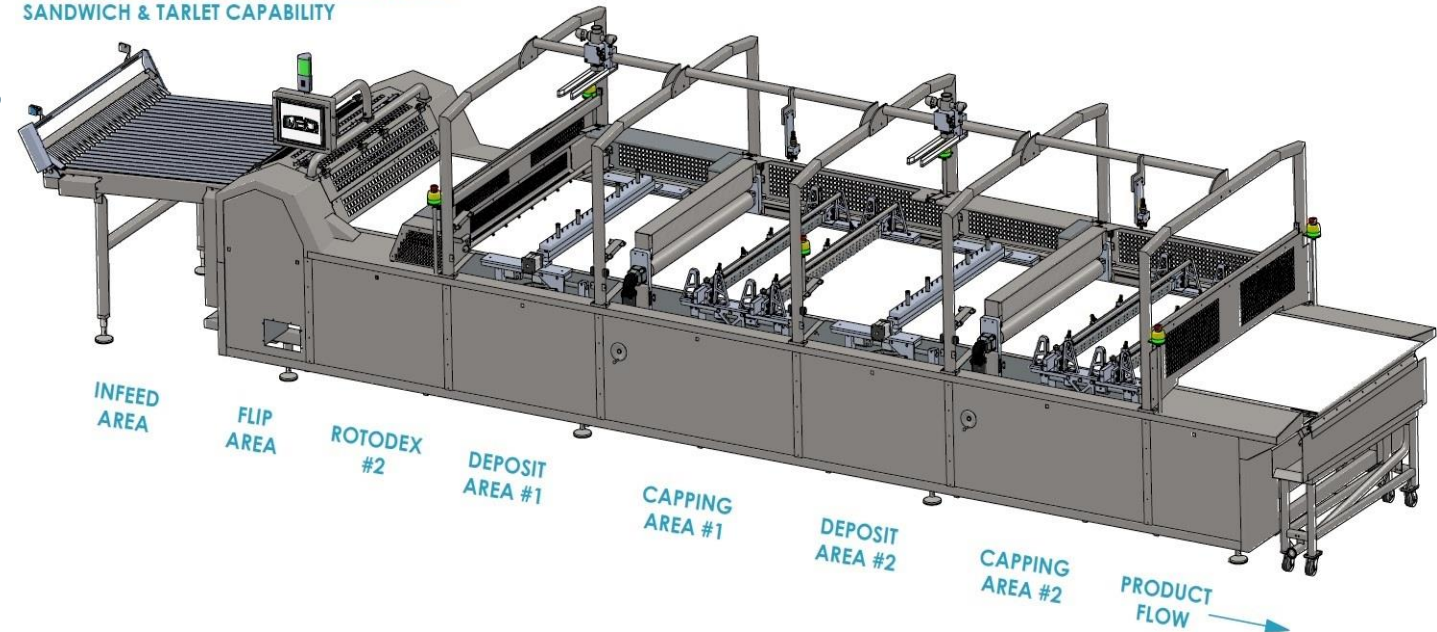


- Base machine with 13 servos
- Infeed By-pass feature
- Capper By-pass feature
- Typical installation will take 7 days

MB&D COOKIE CAPPER STRETCHED:

- INFEED INDEXING
- FLIP AREA
- BYPASS OPTION
- DEPOSIT x 2
- CAPPING x 2

SINGLE DECKER SANDWICH, DOUBLE DECKER SANDWICH & TARLET CAPABILITY



Change Part Kits

- Provide the ability to run multiple products in one machine!
- Easy change overs in 30 minutes or less
- Change part kits can easily be added to an existing machine
- The most *Flexibility* in one Machine!

