

## JBT FoodTech

A Love Story About Food & Beverages

## **Continuous Innovation in Food Processing**

John Bean invents the 1884 continuous spray pump, Bean Pump Company founded

Introduced the world's first 1921 continuous rotary pressure sterilizer for vegetables, milk and soup

First automated citrus juice extractor developed

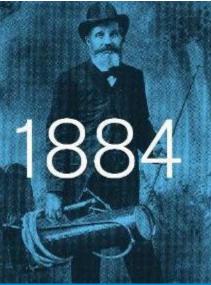


Developed continuous freezer technology



Designed the world's first commercial conveyorized breading machine





#### A HERITAGE OF **INVENTION**

JBT, formed by a spinoff in 2008 from FMC Technologies, represents a heritage of invention and industry firsts that dates to the founding of the Bean Spray Pump Company in 1884.





Frigoscandia® 1960 FLoFREEZE<sup>®</sup> individual quick freezing (IQF) freezer invented

> The Frigoscandia **GYRoCOMPACT®** self-stacking spiral freezer introduced



First JBT Automatic **Guided Vehicle** system installed



Delivered the first DSI<sup>™</sup> waterjet portioner for poultry applications

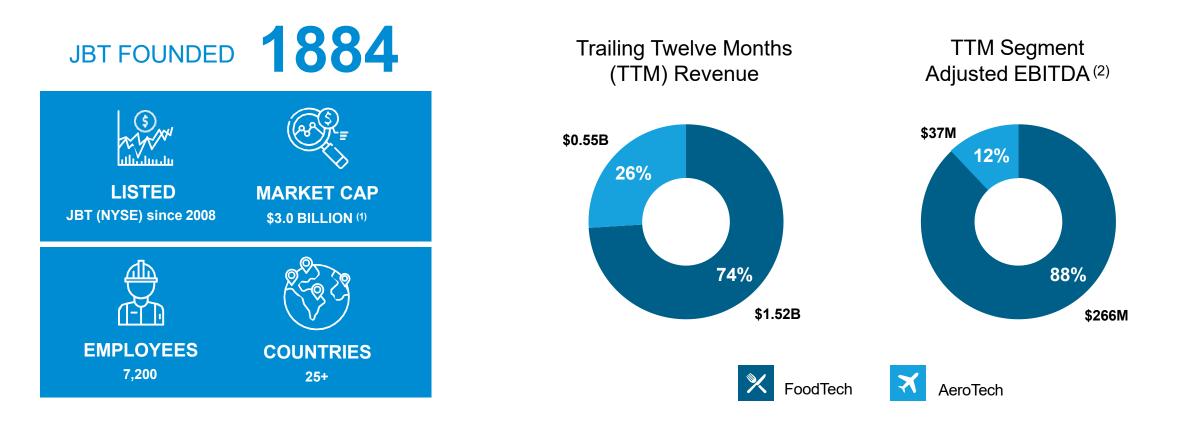


FMC food processing and air transportation businesses spun off to form JBT



## JBT at a Glance

Leading Global Technology Solutions Provider to the Food & Beverage Industry





Note: Figures may have immaterial differences due to rounding. (1) As of November 7, 2022. (2) Non-GAAP figure. Please see appendix for reconciliations.

## Leading Experts and the Brands to Back Them





## We Encompass an Entire Market Value Chain

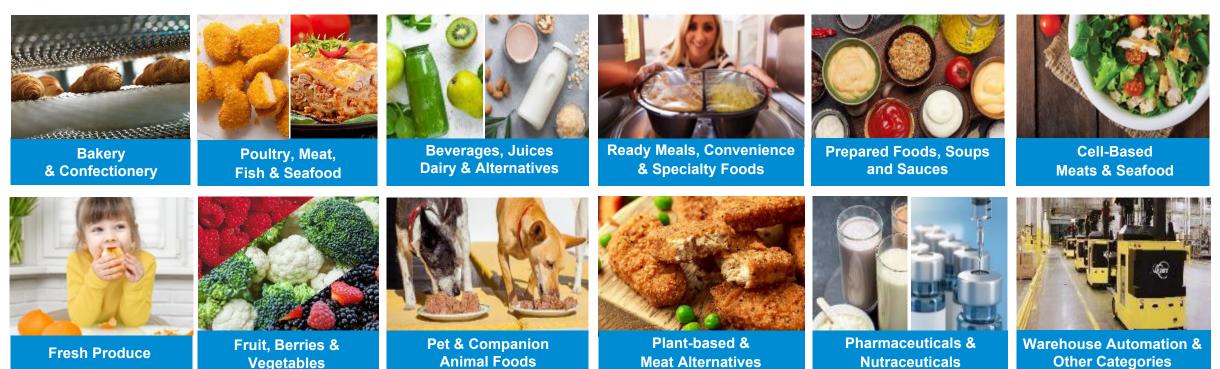
## **JBT FoodTech**





## Diversification and Broad Participation in the Food & Beverage Markets is a Key Differentiator

#### Addressing Attractive End Markets





6

# A Global Technology SOLUTIONS PROVIDER









Aseptic

**Systems** 

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Pasteurizing In-Container Sterilization



Powder Processing



High Pressure Processing



Fruit and Vegetable Processing



Fresh-Cut, Robotics, Steaming



Closing

Chilling &

Freezing





Injection Portioning & Slicing



& Marination



& Mixing

Forming



Coating





Frying

22

Cooking





Packaging Solutions







## Poultry, Meat, Fish & Seafood









TwinTec™ Filler and Closer

Chilling









## **Beverages, Juices, Dairy & Alternatives**



FRUIT AND VEGETABLE JUICE



Powder Processing



Citrus Juice Extractor



READYGo<sup>™</sup> FVP Fruit and Vegetable Processing



SteriTwin<sup>™</sup> Coil heating/cooling



**In-Container Sterilizing** 



Filling & Closing



**Bulk Aseptic Fillers** 





## **Prepared Foods, Soups and Sauces**



SAUCES with particles



JUICES/ DRINKS VISCOUS with particles DRESSING SAUCES

with particles



FRUIT PREPARATION with soft fruit particles



SOUPS, PUREES With or W/o particles



DIPS







Blending System

Mixing and Pasteurizing

HotCooker mixer



Mixing-Heating Tank



Jam Processing System





## **Ready Meals & Prepared Foods**









Portioning & Slicing



HotCooker



Cooking



Freezing & Chilling



SteriTwin<sup>™</sup> Coil heating/cooling



**In-Container Sterilizing** 



Filling & Closing

High Pressure Processing



Tray sealing solutions



Mixing and Pasteurizing



## **Plant Based Proteins**









Cooking



Portioning & Slicing



Freezing & Chilling



Injection &

Marination



Clipping & Packaging



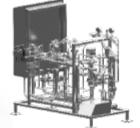
Tray sealing solutions



## **Cell-Based Meats & Seafood**







Media Preparation Filtration & Sterilization Skids



**Bioreactors** 

Fermenters



Injection & Marination





Portioning & Slicing



Cooking



Freezers & Chillers



Coating



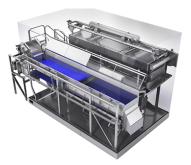
Frying











**IQF** Freezing



Tray sealing solutions



## **Pet & Companion - Animal Foods**





**Steam Tunnels** 

Freezers &

Chillers

**Tray Sealer** 



Meat Feed and Dosing System



Injection and Marination Solutions



Filling & Closing



clipping system



High Pressure Processing



## Pharmaceuticals & Nutraceuticals





Skids/Superskids



Process modules and Skid



High Purity Piping



Process Vessels



Unifiller - Filling & Closing



CIP – Clean In Place

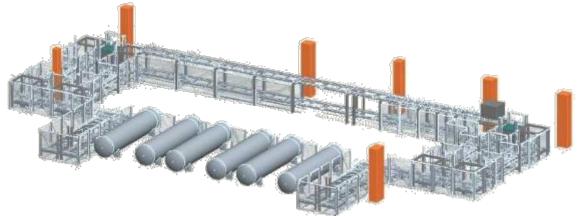
Tray sealing solutions



# **Integrated Systems**

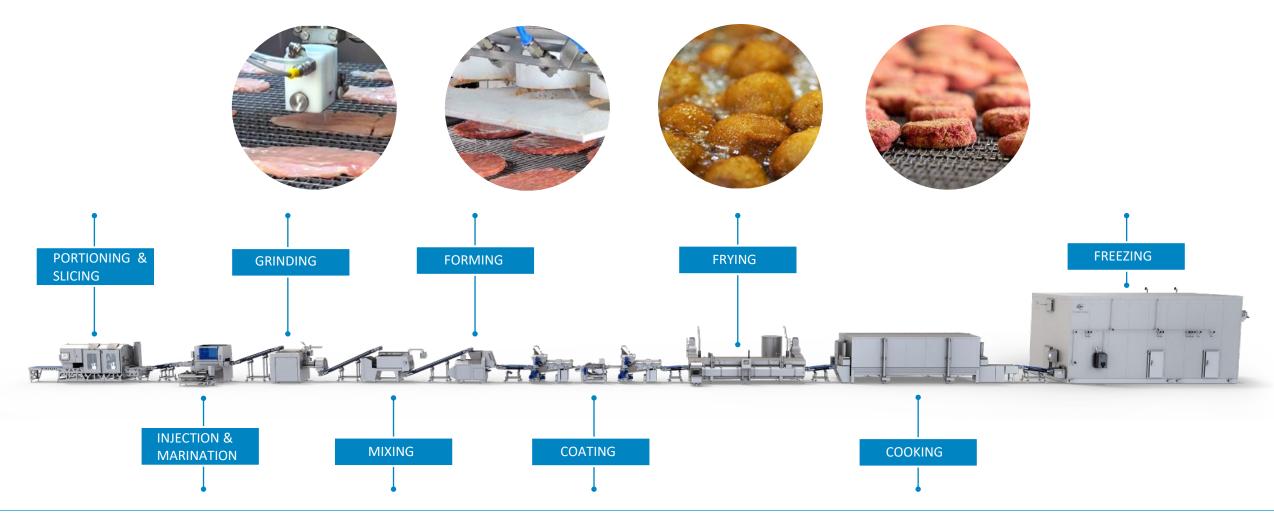








# Integrated Full-line Processing Solutions





# Elevate 2.0 Strategy Overview – Leverage Our Broad Position





#### **Organic Growth**

- New product development
- End market penetration
- Cross-selling opportunities
- Continued penetration into attractive geographies



#### **Digital Transformation**

- Roll out digital offering
- Enable growth in aftermarket, new equipment, and new recurring revenue streams



#### **Margin Enhancement**

- Direct material savings
- Strategic sourcing
- Relentless continuous improvement



#### **Acquisitions**

- Deploy capital to both accretive "bolt-on" and larger M&A
- Disciplined strategic M&A program to generate double-digit ROIC



# **Organic Growth Strategy Focuses on Customer Outcomes**

### CUSTOMER NEED FOR NEW PRODUCT DEVELOPMENT



## Food Safety

Yield

Speed / Throughput

Automation

Sustainability

Penetrate Adjacent End Markets

Cross-selling Throughout Portfolio

New Product Development

Developing Geographies



Leveraging Digital Offering





# **Research & Technology Centers**

At our **Food Technology Centers**, we provide training and equipment demonstrations to develop new product ideas and enhance existing processes

Our experienced staff have access to more than **10,000 database applications**, which are combined with their knowledge to deliver innovative methods to a wide range of products

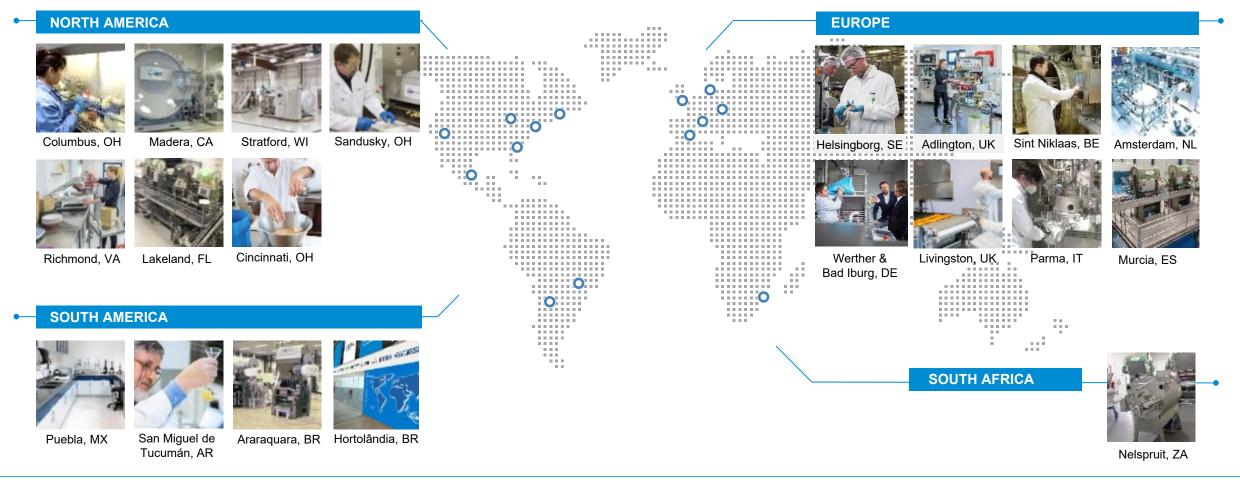


A pilot plant dedicated to **SERVING OUR CUSTOMERS** 

O **RIGOROUS TESTING OF** NEW EQUIPMENT FOOD LABORATORY WORK SPECIFIC TEST / DEVELOP NEW PRODUCT AND PROCESS INDUSTRIAL AND SCIENTIFIC SYMPOSIA <sup>an</sup>e, N.e., E. C. & G. & State & F. & State & F. & State & St









#### **JBT Customer Care Solutions**

- More than 500 Field Service technicians globally support equipment and leases
- Cross-training for increased regional support and utilization
- Increased bundling of OmniBlu contracts with equipment sales – developing more parts kits vs. single-part sales
- Generating new opportunities through increased focus on outbound customer care sales
- Over 40,000 global install base of machinery

# JBT's Global Sales & Service Network is a Key Differentiator





# OmniBlu<sup>™</sup> next generation Customer Care by JBT

OmniBlu is our *promise* to be the *partner* by your side in the *digital* era...

- ... Enhanced 'Frictionless' way of doing business
- ... Proactive Maintenance Operations
- ... Optimized Food Production Operations

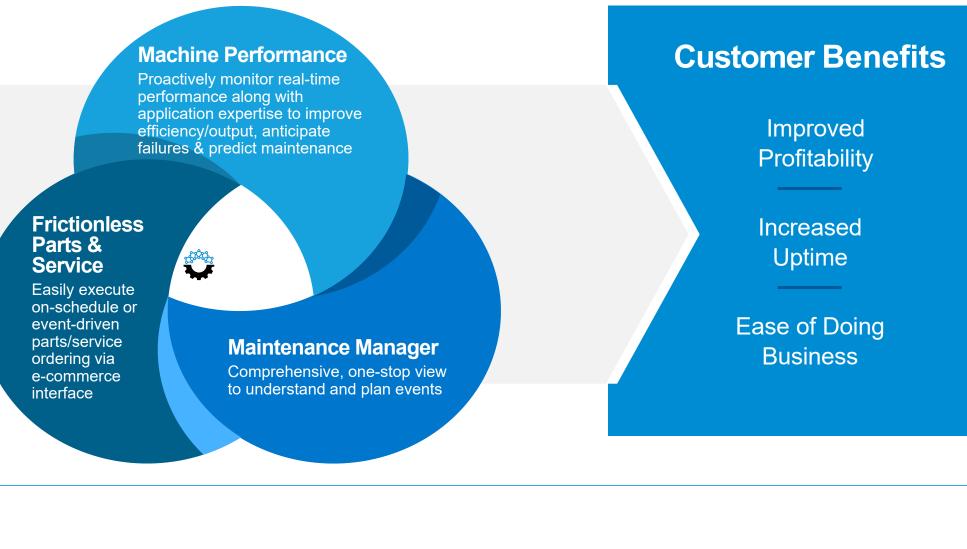
OmniBlu is deeply grounded in customer-centric design and provides tangible customer benefits through a multi-pronged approach





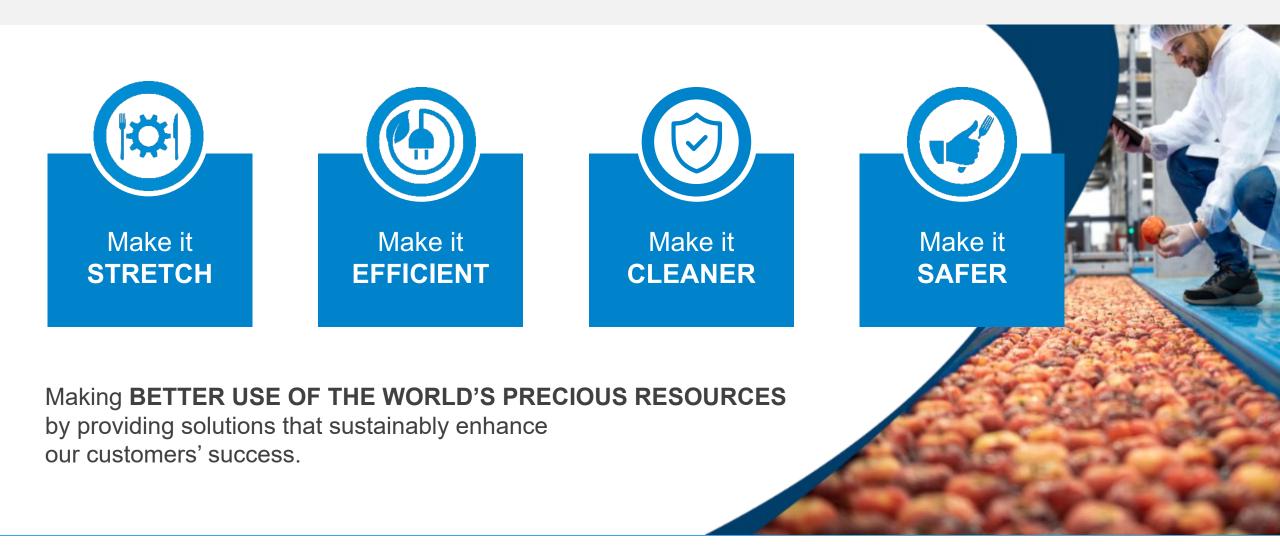
## **OmniBlu's Holistic Approach**

JBT's Application Expertise Provide Differentiated Results











# Working Together for Better Results

Our approach to Environmental, Social and Corporate Governance (ESG) issues builds on our culture and long tradition of concern for our **employees' health and safety**; **partnering with our customers** to find ways to make **better use of the earth's precious resources**; and working to create a **diverse and inclusive culture** where our employees can bring their whole selves to work

#### Key areas of focus:

- Environmental Impact of Products
- ✓ Climate Strategy
- ✓ Talent Attraction & Development
- ✓ Diversity, Equity & Inclusion



WORKING IN SYNERGY





# **Customer Solutions: Safe & Sustainable Foods**



#### Water, Steam, Energy and Utility Optimization

- Equipment efficiency & increased run times
- Conserving water technologies
- Emissions-reducing technologies
- Solutions & upgrades for improved operational efficiency

#### Food Waste Reduction

- Reduce process losses
- Prolonging shelf-life

#### Packaging Waste Reduction

Increase use of recyclable and biodegradable packaging

#### Equipment Refurbishments & Retrofits

Extending equipment and consumables lifespan

#### **Development in Sustainable Foods**

- Technologies for plant-based protein and beverage
- Developing cell-based meats and seafood technology



Making better use of the world's precious resources by providing solutions that sustainably enhance our customers' success



JBT's solutions include technologies that enable our customers to reduce their use of energy & water, and solutions for the safe production of emerging foods

## More Than Just Equipment





# You are our Priority

- Installation
- Start-Up Support
- Training
- Spare Parts
- Lubricants
- Inspections
- Corrective Service
- Preventative Service
- Retrofits
- Rebuilds & Upgrades
- Lab Services
- Digital tools & Insights
- OmniBlu Customer Care Partnership





## **Clear Value Proposition**





Delivering **innovative solutions** we believe offer **best-in-class yield** and **productivity**, with a goal of **maximizing customer profitability** 



# Why Customers Choose JBT



Broad application knowledge and food domain expertise



Food safety experts



Innovative solutions that solve problems – labor automation, yield, throughput, sustainability, uptime



Global service and support with ability to scale and grow with customers and maintain uptime



Full line offerings and connected solutions - "We are with you, right down the line.™"







