

ALCO

Double-Shaft Paddle Mixer

Versatile mixing technology



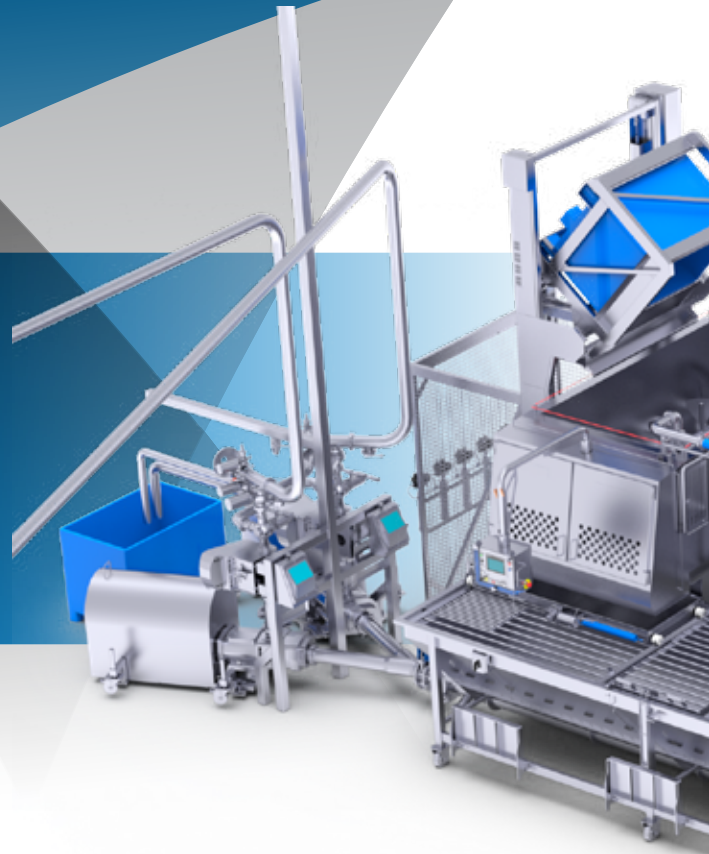
Completely homogeneous raw masses in no time thanks to efficient mixing technology

MIXING



jbt.com/foodtech

alco Double-Shaft Paddle Mixer



Because we know that not all mixing is the same, we offer a large variety of models that can be customized according to your needs for mixing and seasoning on an industrial scale

The double-shaft paddle mixer is usually combined with other alco equipment, in particular loading equipment, buffer hoppers and conveyor technology to achieve a smooth workflow for in line processing.

Benefits

- Excellent results on a wide range of products at maximum yield
- Two horizontal, parallel mixing paddles, the geometry of which is perfectly tailored to the product
- Fully controlled and efficient production times
- Changeable rotational directions for a perfect mixing result
- Pneumatically driven discharge flaps for easy emptying into standard transport vehicles or special containers

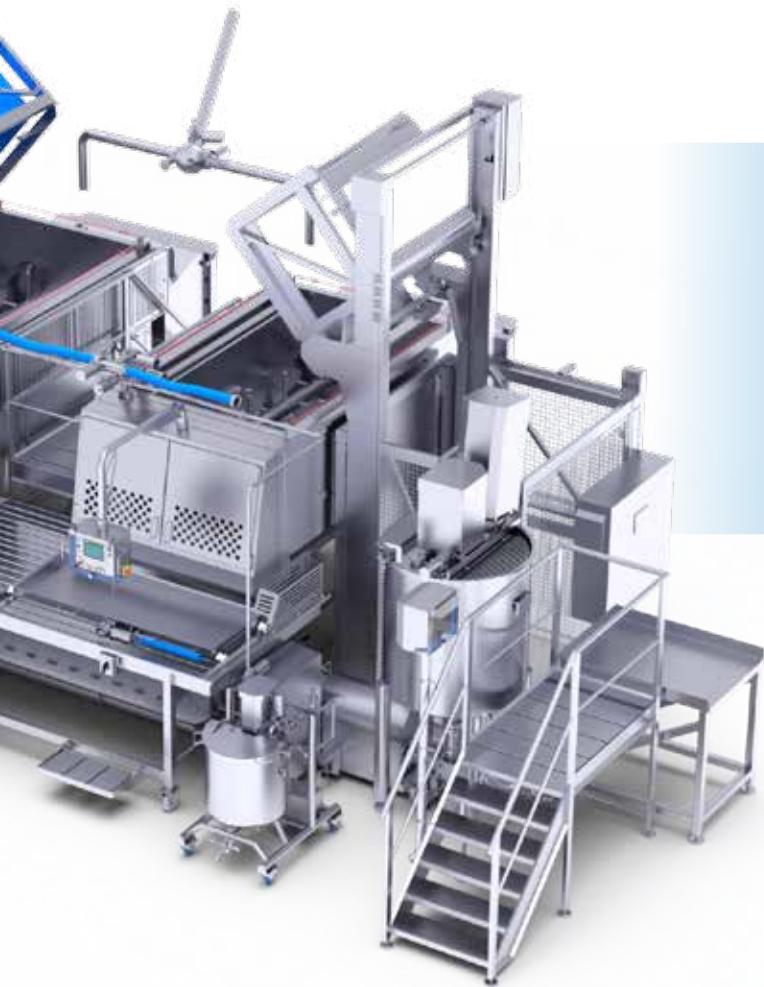
Outstanding range of different equipment options

- Dosing device and weighing unit for easy recipe compilation
- Optional direct steam injection
- Rapid cooling of products via optional vacuum cooling or cryogenic gases such as CO₂ or N₂
- Heavy duty design



Visit JBT's fully equipped Food Technology Centres in either Helsingborg, Sweden, Livingston, UK or Bad Iburg, Germany and test the alco mixing equipment using your own products and recipes.





High hygiene standards

- Designed according to latest hygiene and safety standards for top product safety
- Easy operation and thorough cleaning with maximum safety and efficiency
- Bearings and seals on the discharge side can be easily dismantled for cleaning
- Seals with low dead space

State of the art controls

- The JBT ALCO double-shaft paddle mixer can be equipped with a Siemens PLC control system with an intuitive graphical interface
- Program control system allows a flexible combination of several process steps for one complete process
- Easy adjustable settings of parameters such as mixing speed, mixing time, dosing quantities, injection intervals, etc.

Extremely adaptable in addressing unique requests

- Thanks to different parameter settings, the mixer can be optimally adapted in a highly flexible manner for overall process quality and energy consumption
- Numerous accessories, such as customized buffer hoppers, effective food pumps, discharge valves for liquids, conveyors and more help to perfectly adapt the machine to your needs

Flexible solutions for food processing requirements and applications

All alco machines evolve with the demands of the industry where innovation, versatility and reliability are key. Flexible solutions can be developed for all food processing operations, large or small, and each alco double-shaft paddle mixer can be configured to meet individual requirements and a wide range of applications including:

- meat mixtures
- gourmet salads
- mixed vegetables
- fine foods
- plant-based foods
- sweets
- special applications

The JBT ALCO Double-Shaft Paddle Mixer AMP - Mixing will do it



1 PLC Control

controls the machine in a smart and user-friendly way through a touch panel with functions like recipe management, etc.

Optional

2 Cryo-Injection

cools the product mass by injecting cryo-media like CO₂ or nitrogen.

3 Vacuum design

for optimal protein processing or for prevention of gas inclusions in the product.

4 Weighing technology

possible use of the mixer as a batch scale.

Direct steam injection

heats the product mass especially quickly and efficiently.

Dosing / Feeding equipment

for exact filling of the mixer vessel with liquids, semi-liquids like oil pastes as well as semi-solid and solid product masses.

WE ARE YOUR SINGLE SOURCE FOR PROFITABLE PROCESSING SOLUTIONS

JBT is a leading provider of integrated food processing solutions. From single machines to complete processing lines, we enhance value and capture quality, nutrition and taste in food products. With a local presence on six continents, JBT can quickly provide our customers and partners in food processing industry with the know-how, service, and support needed to succeed in today's competitive marketplace.



North America

JBT Corporation
1622 First St.
Sandusky, OH 44870
USA
Phone: +1 419 626 0304
E-mail: process-solutions@jbt.com

Europe

John Bean Technologies AB
Rusthällsgatan 21, Box 913
SE-251 09 Helsingborg
SWEDEN
Phone +46 42 490 4000
info-europe@jbt.com

Asia

John Bean Technologies Ltd.
159/26 Serm-Mit Tower, Room no. 1602-3
Sukhumvit 21 Road, Klongtoey Nua Sub-district
Wattana District, Bangkok 10110, THAILAND
Phone: +66 2257 4000
E-mail: infoasia-jbtfoodtech@jbt.com

Latin America

John Bean Technologies
Máquinas e Equipamentos Industriais Ltda.
Av. Eng. Camilo Dinucci 4605
14808-900 Araraquara, São Paulo, BRAZIL
Phone: +55 16 3301 2000
E-mail: latinamerica.info@jbt.com



We're with you, right down the line.™

jbt.com/foodtech