



ALCO

Dipper

PRO Series



Application of viscous, non-pumpable,
heavy liquid batters
for high-quality product coating



alco Dipper PRO Series

The alco dipper applies different heavy liquid coating materials to the top and bottom of your product for high volume consistent processing

The dipper is usually combined with other alco coating equipment, in particular the preduster and breading machine to achieve a full range of flavors and appearance for in line processing.

Benefits

- Excellent results on a wide range of products at maximum yield
- The product is run through a bath of coating media; the coating media is not pumped
- Fully controlled and efficient production times
- Adjustable blower system removes excess coating material from the top and bottom of products with an integrated material return system

Apply tempura or marinades

- The dipper is most frequently used to apply highly viscous batters, which contain baking agents
- Since these special batters must not be pumped, the products are conveyed through the machine in an immersion process
- The tempura mass can thus rise and form a loose, appetizing coating



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





High hygiene standards

- Designed according to the latest hygiene and safety standards
- System tub can be conveniently drained and cleaned via the outlet openings
- The belt system can be folded up for cleaning
- Made entirely of stainless steel and food-approved materials

State of the art controls

- The dipper PRO Series comes with a Siemens PLC control panel as standard with an intuitive graphical interface
- Recipe control system
- As every PRO Series coating machine of alco comes with a PLC touch panel, users can navigate easily through menus on any alco coating equipment

Wide range of additional equipment

- Separate infeed and separate outlet conveyor for a precise handover to downstream equipment
- Optional double-wall design to inject a coolant to cool the coating material for a higher-quality processing
- Various configuration options such as a level control sensors, high-speed conveyors, divided belt system, etc.

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 dipper can be configured to meet individual requirements and a wide range of applications including:

- BBQ products
- Tempura coated products
- Cheese products, e.g. mozzarella sticks
- Fried fish
- Plant-based food
- Vegetables

The JBT ALCO Dipper ADT - Gently dipped



1 Air knife

removes excess materials from the top and bottom of products through an adjustable blower system with additionally integrated material return system

2 PLC Control

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

3 Pivotal outlet belt

optimally transfers the product to downstream equipment.

4 Outlet openings

conveniently empty and clean the equipment tray.

Optional

5 Double-wall design

makes it possible to inject a coolant to cool the coating material through a double-wall design.

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.



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