



AccuCoat[®] Chocolate Drum Coating System

System Features

AutoJet Model 2050 Spray Controller with built-in application software provides closed-loop temperature control and automated control of spray timing and flow rate

Optional software provides closed-loop pressure control via a proportional valve, analog tank level measurement

Double-jacketed pressure tank with built-in filter offers simpler operation than pump-based systems

Flexible jacketed hose allows easy positioning of integrated spray head inside the drum

System can control two spray nozzles for two drums

Casters for easy mobility

Benefits

- Up to six times faster than manual ladling systems
- Hygienic – eliminates operator contact with chocolate
- Decreases adhesion for sticky products such as coffee beans and candied orange peels
- Reduces inadvertent melting caused by very high temperature coatings
- Automated system leaves operators free for other tasks
- Small, mobile system is ideal for small batches, flexible production and R&D labs

Typical Applications



Chocolate Coating



Specifications

Pneumatically-actuated 1/4JAU automatic spray nozzle

System dimensions:

Width: 1300 mm Depth: 800 mm Height: 1600 mm

CE-certified, double-jacketed pressure tank:

50-liter capacity

Maximum certified tank pressure: 6 bar

Maximum/minimum certified temperature: 80°C / -20°C

Maximum liquid operating pressure: 6 bar

Connections:

Air supply inlet: 3/4"

Liquid outlets: 2 x 1"

Tri-Clamp® connection

Drain outlet: 1-1/2" Tri-Clamp connection with 1" Tri-Clamp butterfly valve

Optional inlet: 1" Tri-Clamp connection

Double-jacketed strainer:

Two outlet ports: 1" Tri-Clamp

Mesh size: 16

Hot water circuit for temperature control of all system elements:

Centrifugal circulation pump

Heating element: 2 kW, 1x230 VAC, 50 Hz

Maximum temperature: 70°C

Overheating protection: 80°C

TEFLON®-lined heated delivery lines:

Connections: 1" Tri-Clamp

Connection material: SS-316L

Standard length: 1.5 m

Maximum temperature: 90°C

Internal diameter: 16 mm

External diameter: 40 mm

Food-grade materials of construction

TEFLON® is a registered trademark of DuPont Company

Tri-Clamp® is a registered trademark of Ladish Co., Inc.



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