

CFM series

Linear Machine for filling wafer cones with Marshmallow



The machine is suitable for filling homogeneous Albumin foam (marshmallow) into wafer cones and coating them with chocolate. The machine includes the following systems:

- Plates conveyor to transport the cups/cones through the stations
- Automatic cones/cups feeder (Optional)
- Cones/Cups fastening unit
- Dynamic depositor
- Chocolate coating device
- Coconut flakes sprinkling device (optional)
- Integrated cooling tunnel (optional)

Operation principle:

1. The wafer cones/cups are placed manually (or automatically as an option) on the conveyor.
2. The fastening device presses and straightens the cups/cones into their places on the plates.
3. The filling consists of a dynamic depositor which dives to the bottom of the cones and fills them while rising to the top. This ensures filling most of the cone's internal space.
4. When the cones/cups reach the edge of the conveyor, they are rotated and run under the conveyor in an upside-down position.
5. The cones/cups are dipped in melted chocolate up to the desired level.
6. Surplus of chocolate drips back to the chocolate container.
7. Coconut flakes are applied to the wet chocolate with a sprinkling device (Optional).
8. The cones go through a cooling tunnel to completely harden the chocolate (Optional).
9. The cones reach the edge of the conveyor for unloading.



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Technical information:

- Construction and upper deck are built from stainless steel.
- Electronic control for the conveyor's motor.
- Pneumatic and electric operation.
- Controlled by PLC and a touch-screen.
- The machine is made with contact materials which comply with international standards for food grade materials.

Model	CFM-4	CFM-7
Max. cup dimensions	Ø60x 130 mm	
Dosing Range	cc per cup 30-130	
Max. output	cups/hr 1800	cups/min 6000
Power 3Ph	380V 50Hz 12A OR 210V 60Hz 24A	
Air pressure	Bar 5-6	

Machines dimensions:

Length	5000 mm	7000 mm
Width	970 mm	1300 mm
Height	1530 mm	1530 mm

Dimensions and data values are subject to change without prior notice.

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