

SFERA50

Balls mill



For the production of 50 Kg (each cycle) of spreadable creams, hazelnut paste, pistachio, almonds, real chocolate or compounds with a minimum percentage of fat material of 28-30%, for real chocolate 32-34%. Product can reach a thinness between 18 and 26 microns according to its characteristic and to refining time.

Refiner is composed by:

- Inner basin and bottom in special wear resistant material
- External basin in stainless steel AISI 304
- Arm stirrer in anti-abrasion stainless steel
- Gear motor with speed control through a frequency variator

- Main structure in stainless steel AISI 304 on wheels
- Product charging hopper
- Manual valve stainless steel AISI 316 for product's discharge
- Special vane pump ID-P1200 for product's recirculation and unloading.
- Pumps' body and top in hardened stainless steel AISI 420. Vanes in anti-wear special material (with double jacket top and body for thermoregulation). Capacity 1200 kg/h
- Electric panel in stainless steel AISI 304
- Coloured panel control and PLC 7' for the control of all the machine's functions

Machine weight: kg 630 approx

Machine gross weight with wooden cage: kg 730 approx

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NEWS:

- Heating tank of refining tank with electronic level and new high flow stainless steel AISI 304 pump for a better thermic exchange (better product's cooling)
- New software for memorizing up to 100 recipes and with ALARMS' HISTORY for tracing the anomaly with date and time
- FLYP-FLOP loading system, in which the pumps runs ahead and backwards in automatic in order to avoid filter's blocks. Thus, loading will be quicker (around 5 minutes according to recipe)
- Alarm water max temperature
- Alarm product max temperature
- Sliding extractable loading hopper for an easier cleaning

- Cooling through an external independent cooling unit/chiller and connections with quick connectors for an easy installation.
- Complete with flexible pipelines (go & back) standard length 6 mts, electrical connection from main electrical panel board SFERA 50 to cooling unit through an interlocked quick connector.
- *If the customer will decide to place the cooling unit at more than 6 mts length from balls mill, it will be on customer's charge:*
 - Hydraulic connections go & back from cooling unit to SFERA 50
 - Electrical connection from cooling unit to main electrical panel board of SFERA 50

- CONNECTIONS:
 - SFERA 50 balls does not need compressed air or hydric system neither.

Electrical supply: 230V – 60 HZ

Installed power: 9 kW approx.

UL Approved