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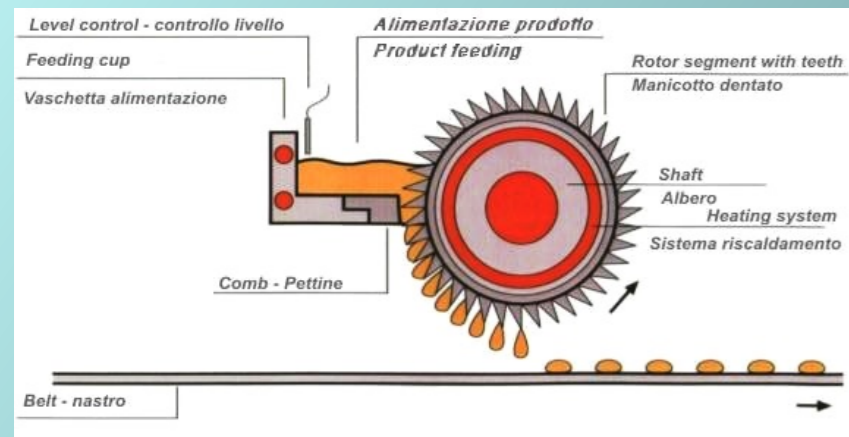
**PARAFFIN WAX
PASTILLATION**



Partner of

Rolldrop®



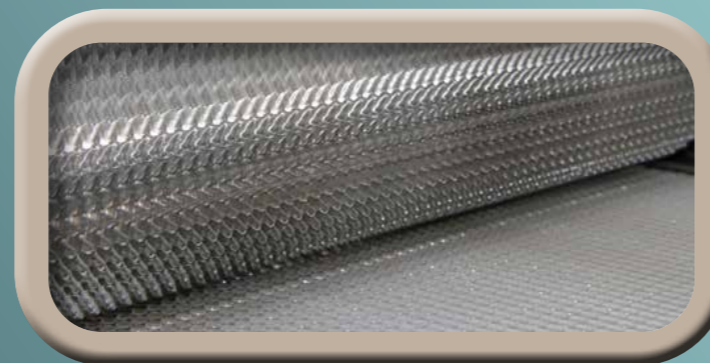


Since 1996 the Rolldrop® pastillation system has been successfully employed for the pastillation of Paraffin Waxes. It permits to operate with melted waxes between 3 and 5.000 Cps viscosity. Rolldrop® is the only rotating pastillator carrying no product inside itself.

- Suitable for steel belt coolers up to 1.500 mm width
- Open construction for easier cleaning and maintenance
- Low product retention time on heated area to avoid any product degradation
- Application versatility for medium and low viscosity products
- Size of the pastilles is related to the tooth dimensions
- Continuous production of regular drops without powder and fines
- The rotational speed of the Rolldrop® is synchronized with the speed of the cooling belt in order to have well shaped pastilles
- Construction in modules to enhance reliability



Liquid Paraffin Wax Characteristics



Operating temperature	75-90°C
Density @ P, T, Kg/m3	800@75°C
Viscosity, est	15 mPas @75°C
Oil content	max 2%
Operating pressure	2 bar

Typical scope of supply

1) Technical Characteristics:
 Berndorf stainless steel band NICRO 31 or NICRO 12.1 mill finished, with two vee-ropes vulcanized at 25 mm from the edges, endless welded.
 Thickness :1,0 mm ±0,1 mm
 Width: 1.500 mm ±1 mm
 Conveyor CC distance: 21.250 mm
 Cooling length: 20.000 mm
 Cooling width: 1.400 mm
 Belt speed: adjustable from 6 to 50 m/min
 Belt height: 1.400 mm



Solid Paraffin Pastilles Characteristics

Shape	Semi spherical
Size	Ø 4,5 –5 mm
Moisture content (water)	-
Bulk density, kg/m3	600
Angle of repose, degrees	40°C



2) Performance Data:
 Capacity: **1.500 Kg/h of Paraffin Wax**
 Product inlet temperature: about 80°C
 Product discharge: about 25°C
 Belt cooling medium: water sprayed against the beneath face of the upper strand of the belt.
 Cooling length: 20,0 m
 Cooling medium conditions:
 Water consumption: max. 41,5 m3/h
 Water pressure: 3 kg/cm2
 Water inlet temperature: 10,0°C