



**Steel Belt Systems**

## Oil & Gas Cooling conveyors

### Steel belt cooler pastillator for paraffin

Since 1996 the Rolldrop® pastillation system has been successfully employed for the pastillation/granulation of Paraffin Waxes. It permits to operate with melted waxes of up to 3.000 cP viscosity.



### Cooling conveyor / flaker

- Suitable for steel belt coolers up to 1500 mm width.
- Open construction for easier cleaning and maintenance
- Low product retention time on heated area to avoid any product degradation.
- Application versatility for high and low viscosity products.
- Size of the pastilles related to the tooth dimensions.
- Continuous production of regular drops without dust and fines.



### Example of paraffin pastilles





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### Typical scope of supply

#### Technical characteristics:

Berndorf stainless steel belt NICRO 31, mill finished, endless welded, thickness 1,0 mm  $\pm$  0,1 mm, width 1.500 mm  $\pm$  1 mm

Conveyor centre-centre 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

#### 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
Water consumption	Max. 41,5 m <sup>3</sup> /h
Water pressure	3 kg/cm <sup>2</sup>
Water inlet temperature	10,0° C