



Steel Belt Systems

## Chemical & Rubber Feeding devices

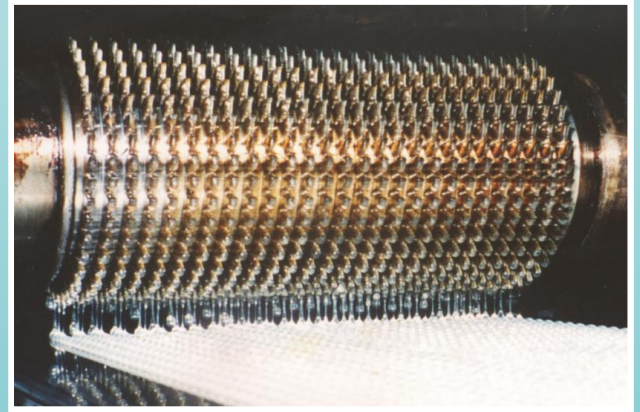
### Feeding device Rolldrop®

#### Pastillator is designed to make it simple

The product is fed at controlled temperature onto a roller rotor, whose rim is designed with teeth having regular shape and pitch.

The liquid product slips constantly between the teeth pattern; drops are gathering on the back of every tooth, thanks to the complementary comb in touch with the toothed rotor.

The formed drops are then deposited on the cooled steel belt, thanks to the centrifugal and gravitational force, generating simultaneously pastilles form.



#### Main advantages:

- Suitable for steel belt coolers up to 2000 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

#### Products treated with Rolldrop®

- Waxes
- Polyethylene waxes
- Hydrocarbon resins
- Fatty alcohols
- Fatty acids
- Fatty amines
- EVA hot melt adhesives
- Acrylic resins
- Phenolic resins
- Colophony resins



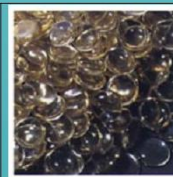
The pastilles dimensions are related to the dimensions of the used rotor's teeth. Our standards allow to produce the sizes reported sideways:



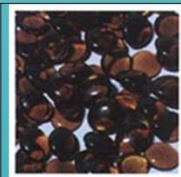
(Ø 3-4mm)



(Ø 5-6 mm)



(Ø 7-8mm)



(Ø9-10mm)

Model Rolldrop				
	Teeth	42	58	70
Model				
5 x 3		Ø 9-10 mm	---	---
3 x 1		Ø 7-8 mm	Ø 5-6 mm	Ø 3-4 mm