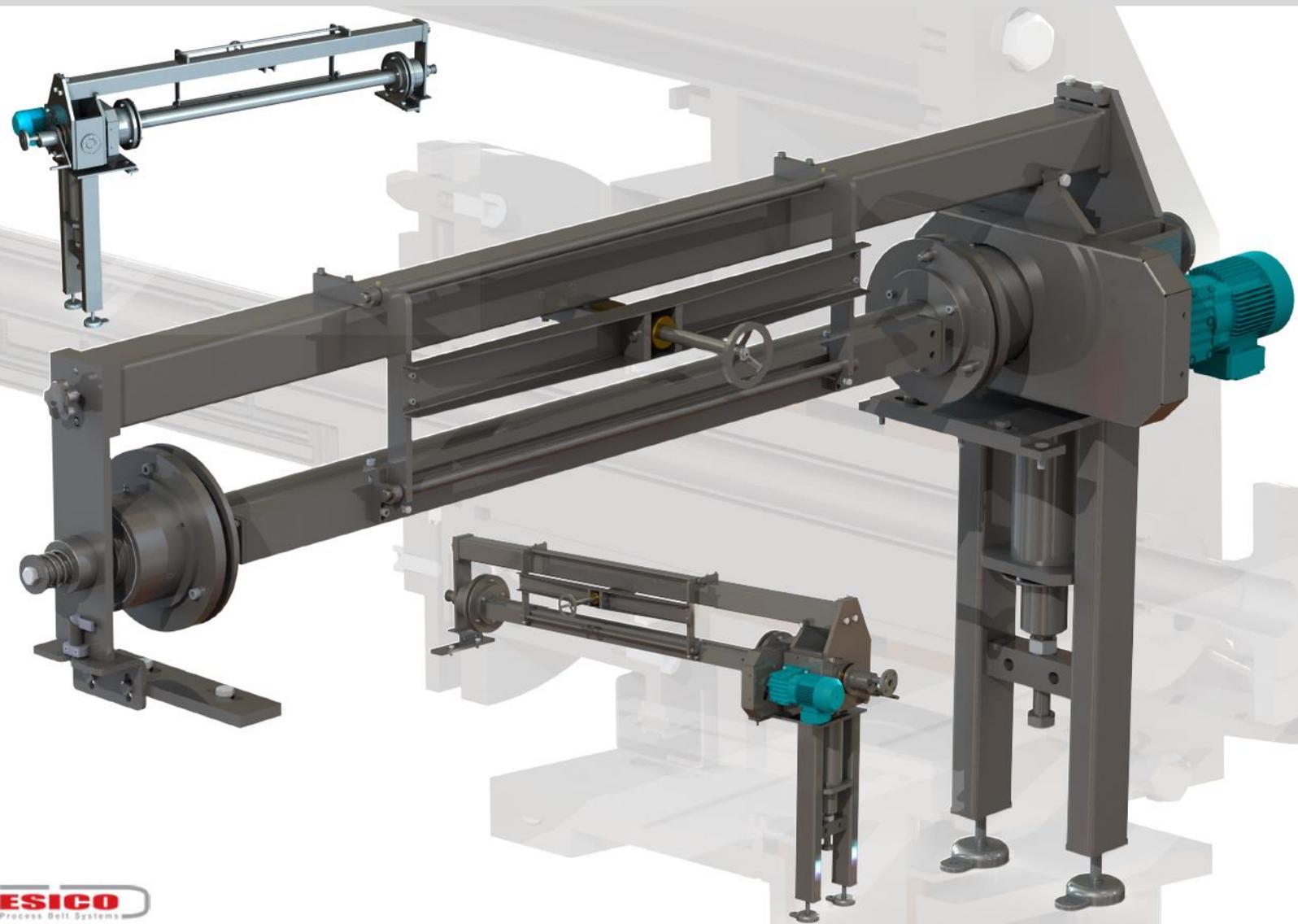


# ESICO

Process Belt systems

## Esiform Pastillator



Enabling **Si**mplicity in **Co**nstruction

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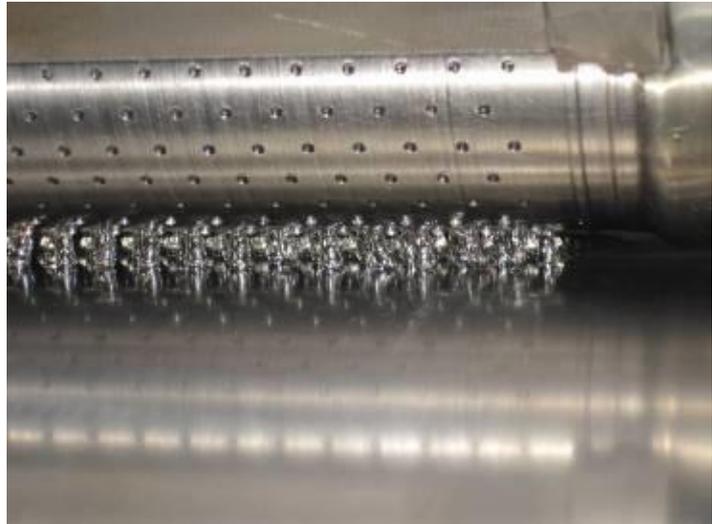
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**ESICO**  
Process Belt Systems

## Esiform Pastillator

For pastillating a wide range of products Esico developed a complete new generation of Pastillator.

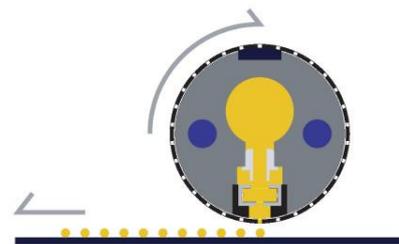
The Esico Esiform pastillating system is an economical, efficient and reliable system for the continuous solidification of hot chemical or food products into an easy flowing, dust free granulate with an ideal shape especially suitable for reliable transport in Bulk handling systems such as bagging systems and big-bag filling stations.



The Esiform Pastillator is a system with a static centre shaft with an outside rotating perforated tube. The product is fed into the centre of the shaft and trough a inside product divider labyrinth spread evenly across the belt width. A product divider strip is connected to the inside product divider using a special seal and is pressed to the inside of the perforated tube.

This way the product is dosed in perfect droplets resulting in easily transportable pastilles with a perfect uniform shape and quality.

Pastilles size is depending on product pump speed, rotation speed and bore diameter of the rotating perforated tube.



The Esiform Pastillator is made out of stainless steel, with following components:

- Pastillator housing
- Pastillator central shaft
- Rotating drum with product bore holes
- Inside product divider
- Re feed bar
- Pastillator drive, with frequency inverter

The rotating drum is positioned close to the belt surface and is rotating corresponding with the belt speed in order to achieve round shaped pastilles.

The rotating drum position to the belt can be varied in height and angle to the belt in order to adapt to different products with minimum effort.

Product is forced through the nozzles and onto the cooling belt. The Esiform has a heated product scraper (refeed bar) ensuring the outer surface of the cylinder is clean upon reaching the drop-off point.



The Esiform is fixed to the belt frame using a pivoting point and can be hinged away from the belt to the cleaning position for cleaning, maintenance or changing the perforated tube.

This way also seals for the refeed bar can be changed very easy.

Height adjustment after putting the Esiformer in production position is not necessary; it can go back in production straight away.

The angle to which the product leaves the rotary tube can be adjusted easily and after returning from the cleaning position it can be set to the previous used angle using a snapper.



Esico designed a special bearing system to avoid product penetrating the bearings and damaging them.  
Exchanging bearings and seals is very easy.



Esico systems can be produced in all Stainless Steel and comply with strict International standards for safety and hygiene



Our new developments are sponsored by local government.