



By spraying a release agent onto the steel belt, pastilles are removed from the belt more efficiently, preventing damage to the product and reducing the amount of dust.

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AGENT UPGRADE —SYSTEM AND RETROFIT PROFORM PROFORM —SPRAYING RELEASE AGENT AND RELEASE SPRAYING —UPGRADE SYSTEM

Comparison between advanced and current

Based on actual experience (Rotoform HS system) the advanced spraying bar system consumes 1.5 l/h of water/Tecopren mixture. Based on a maximum concentration of 15%, this actually means 0.225 l/h. An operation running three units for ten hours a day will consume approximately 6.75 litres of Tecopren per shift, or about 2 025 litres over 300 days of operation.

The current IPCO release agent roller system has a water/Tecopren consumption rate of 15 l/h. Based on a concentration of 3%, this equates to Tecopren consumption at a rate of about 0.45 l/h per unit. An operation running three units for ten hours a day will consume approximately 13.5 litres of Tecopren per shift, or about 4 050 litres over 300 days of operation.

Advanced

- Almost maintenance free.
- Lower maintenance costs.
- Lower operation costs.

Current

- Roller feed.
- Wiper requires hourly cleaning.
- Release agent basin to be cleaned twice a week.
- High maintenance costs due to roller and bearings.
- Constant monitoring required.

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Release agent spraying system: ProForm®

The application of ProForm release agent to the steel belt immediately before the product infeed delivers more effective removal of pastilles from the steel belt.

The design of the spraying system ensures that the steel belt is only coated with the amount of release agent needed to reduce the adhesive force between the pastille and the steel belt. This prevents damage to the pastilles on the scraper and significantly reduces the amount of dust generated.



ProForm system with protective head/cover.



