

## Comparison between advanced and previous system (based on sulphur solidification)

Operational experience shows that the IPCO advanced release agent mixing system mixes water and Tegopren constantly at a mixing ratio of 85% water and 15% Tegopren, and requires minimal operational effort. As a result, the Tegopren refill frequency requirement is reduced to once a week (sulphur solidification on the Rotoform HS System, operation 24/7); additional recalculations of mixing ratio become redundant; and mechanical wear is reduced to the minimum. The compact design of the ProMix system enables flexibility of location – it can even be mounted on the frame of the steel belt cooler.

Our previous system was based on geared pumps, a mixing tank and an agitator, all assembled on a release agent mixing skid. Due to its design size, finding an efficient location was critical, and wear of the mechanical equipment meant high maintenance costs. The lack of an accurate Tegopren dosing system also resulted in imprecise, variable mixing ratios.

### Advanced

- Almost maintenance free.
- Lower maintenance costs.
- Lower operation costs.
- Compact design.
- Precise mixing ratio.
- Online mixing.

### Previous

- Manual mixing.
- High maintenance costs due to wear of mechanical equipment.
- Imprecise mixing ratio.
- Limited location choice due to its size.
- High voltage power supply required.



The ProMix system automates the mixing of water and Tegopren release agent for optimum performance and efficient removal of pastilles from a steel belt.

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UPGRADE AND RETROFIT PROMIX RELEASE AGENT MIXING SYSTEM

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## Release agent mixing system: ProMix

The application of a release agent in the form of a spray ensures effective removal of pastilles from a steel belt. However, maximum efficiency and most economical use of materials depends on mixing a precise ratio of water and release agent. The IPCO ProMix system automates this process.

This compact system ensures that mixing of the release agent is optimized at all times, delivering a precise, constant ratio for maximum efficiency. This online mixing system operates automatically without the need for a high voltage power supply\*. Together with our new ProSpray system, this advanced technology delivers precise mixing and exact dosing/spraying.

\*Optional: electrical heating for outdoor locations/cold regions, power supply of 230V AC needed.



Spraying bar with nozzles.

