

KraussMaffei

PEOPLE FOR PLASTICS

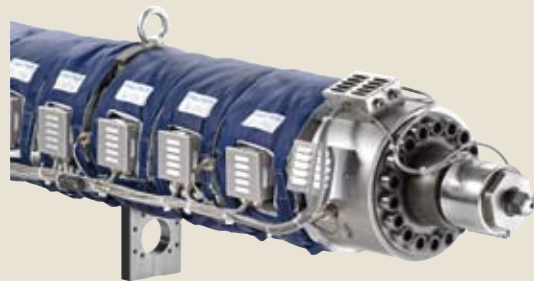


BLUEPOWER SOLUTION FOR BARREL HEATING SYSTEMS

EcoPac insulating sleeves

ADDING VALUE BY INSULATING THE ENERGY CONSUMER

In processing thermoplastics, energy consumption can be sharply reduced by insulating the barrel of the plasticizing unit in order to reduce heat radiation. Additional benefits include less heat escaping into the production environment, shorter warm-up times and a more homogenous temperature profile in the barrel.



EcoPac insulating sleeves (ZE 25.50) optimize the energy balance of the plasticizing process, by saving energy directly at the plasticizing unit.

Reduce heat input and energy consumption – with EcoPac

Before thermoplastic processing starts, the barrel of the plasticizing unit must be heated to the required temperature using electric heating bands. During the process, heat continues to be applied to the melt via the temperature control system. The heat radiated from the machine into the production environment represents a significant energy loss for the process. KraussMaffei's EcoPac insulating sleeves keep this energy loss to a minimum. There are different sleeve designs to fit different heating band geometries. Another immediate benefit is the far shorter warm-up time for each production start-up.

Your benefits

- Lower energy consumption – depending on the process, savings of 20-40% are possible
- Up to 30% reduction in warm-up times
- Can be easily retrofitted on standard heating bands
- Separate sleeve for each heating band – quick and easy removal for maintenance and inspection
- Temperature resistant up to 500 °C – suitable for high temperature applications
- Sleeves with easy-clean, easy-care PTFE coating
- Health and safety compliance
- Comprehensive product range for screw sizes from SP 55 to SP 101000

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KraussMaffei is a premium partner for the plastics and rubber processing industries worldwide.