



Custom-tailored For Your Resins

- Optimum feed depth
- Optimum zone lengths
- Optimum metering depth

EasyMelt™ Injection Screw

General-purpose injection screws leave hard-to-get-molding profit on the table. The Xaloy® EasyMelt™ injection screw helps you recoup with screw geometry optimized for specific material(s).

EasyMelt™ combines the simplicity and economy of a conventional three-zone screw with the productivity and quality benefits of optimum material feeding, melting and metering.

What it can do for you

- Speed up screw recovery
- Reduce short shots
- Improve temperature control

Efficient melting

Thanks to its resin-tailored feed depth, compression ratio and zone lengths, EasyMelt™ delivers fully melted material to the metering zone. This avoids a major cause of intermittent short shots: partially filled flights and pressure instability in the metering zone.

On-the-money metering

Insufficient depth in the metering zone for a given material can reduce plasticating rates by 28% or more, but too much depth results in partially filled flights leading to pressure instability and short shots. That's why a metering depth that's just right really pays off.

Typical applications

- Highly glass-filled materials
- Materials with metallic powders or mica fillers
- Shear-sensitive polymers

Ready to meet your needs

For more information, a recommendation for the screw best suited for your process or a quotation, contact your Xaloy representative today. To locate a representative in your region or country, please visit xaloy.com on the Web.

Unique screw designs that make MORE money

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