Extrusion Line Cleaning Solution

Increase productivity and improve product quality on extrusion lines.

Cold Jet’s Environmental Cleaning and Surface Preparation (ECaSP) systems were developed to increase productivity and improve product quality on extrusion lines.

In the arena of flexible packaging - such as blown film lines - cleaning the dies, sizing ring and collapsing tower is critical in order to maintain output and quality. Oftentimes, an additive or slip agent is compounded into the resin to increase the output of the extruder. This additive will off-gas, leaving a waxy substance on the tower. Dry ice cleaning is a non-abrasive method to quickly remove this contaminant while minimizing line downtime.

The cooling rolls in the sheet extrusion business are one of the most important aspects of the line. Cleaning with dry ice helps take care of your rolls so that they can work effectively. It is also important to be cautious when cleaning to avoid disfiguring them, whether they are embossed or not.

The System

Cold Jet’s Aero 40FP non-abrasive cleaning system extends the life of the dies and downstream equipment, eliminating the need for harsh chemicals, wire brushes and scrapers. Dry ice cleaning is faster and more effective than traditional methods. Cold Jet’s fragmenting nozzles enable processors to clean a variety of substrates without causing damage.

The Benefits

- Continuous, consistent pellet flow
- No ice clogging
- Designed for precision applications
- Minimal air/ice usage
- Designed with long blast hoses
- Pulse-free cleaning
- Easy to maintain with removable panel design
- Patented MERN Nozzles
- Insulated & vibrated feed hopper