

Polymer Removal & Cleaning Equipment

For All Types of Extrusion Hardware



Vacuum Oven



Pyrolysis Oven

Turnkey Solutions -
Wide Range of Innovative,
Environment Friendly

Energy Efficient Thermal/
Chemical Cleaning Solutions

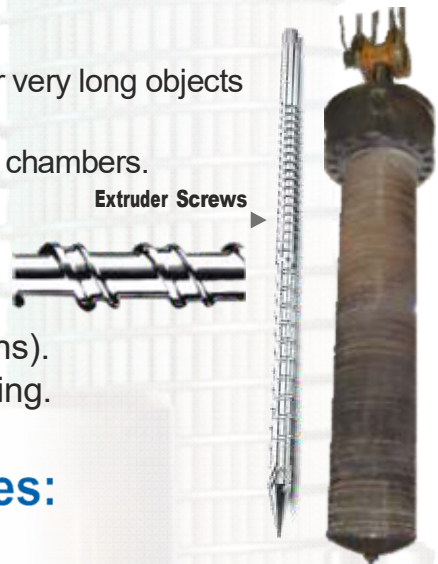
Processes applicable to most plastics & polymers.

For cleaning delicate, expensive extrusion hardware of all types viz: Disc Filter Stack / Candle Filter Bundles, Assembled Melt Pumps / Spin Packs, Static Mixers, Spinnerets, Extruder Screws, Dies / Die Heads, Breaker plates, Hot runners, Nozzles etc

- **Fluidized Bed Furnace** : Std. Vertical or Horizontal bed for very long objects like Extruder Screws.
- **Pyrolysis & Vacuum Oven** : Cylindrical shell / Rectangular chambers. Controlled environment compact designs.
- **Ultrasonic Cleaners**

Thermal / Chemical Cleaning in Solvent

- TEG (Process best suited for PET and PA applications).
- Steam Hydrolysis - Super heated steam with N₂ purging.



Extruder Screws

Equipment Advantages:

- **User Friendly**
- **Affordable Cost** (Custom built sizes at No Extra Cost)
- **Flexibility of on line Temperature / Time parameter adjustment for optimum & safe cleaning**
- **No mechanical or thermal damage to hardware**
- **Environment Protection by off-gas cleaning**
 (After Burner / Catalytic Converter / Multi Stage Water Scrubber)
- **Compact Cleaning Cycles**



Solvent Cleaning System



AKSONS ENGINEERING LLP

All Types of cleaning & heating Equipment for filter, Spin Pack & Spinnerets, YARN – Suction Gun, Splicer, Cutters for Textile Machinery & Lab / testing Eqpt.

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