



Get More from Your Process



Extrusion Die Changer (EDC)

Extrusion Die Changers (EDC) (U.S. Patent No. 10,828,820) rapidly and easily exchange die heads in and out of a process line. The system utilizes a hydraulically actuated quick shift slide plate mounted on linear rails to exchange die heads in less than 30 seconds. Total extrusion process change-over time is reduced to under 10 minutes – shutdown to startup. The system is ideally suited for lines that must otherwise be purged during die changeovers, such as foam sheet extrusion or for batch operations where reduced changeover times translate directly to increased output and cost savings for waste and labor reductions.

The EDC system supports two dies, one online and a second offline at preheat. The offline position allows convenient access for removal, cleaning, and installation. Each position is independently heat controlled, saving valuable heat soak time when bringing the new die online.

Features

- Exchanges dies in less than 30 seconds
- Custom designed for your line
- Independent die heat control
- Fits extruders sizes 2" through 8"
- Self-compensating, all-steel sealing system
- Offline die pre-heat position
- Convenient bolt or clamp connection to the extruder
- Hand-held pendant control
- Long-life linear slide rail
- Low maintenance design

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Options

- Die adaptors
- Plating
- Transition carts
- Hydraulic cylinder proximity sensors
- Internal fluid heat/cool
- Special voltage heaters

Accessories

- Hydraulic power unit
- Support cart
- Pressure instruments
- Heat control
- Hot oil control units

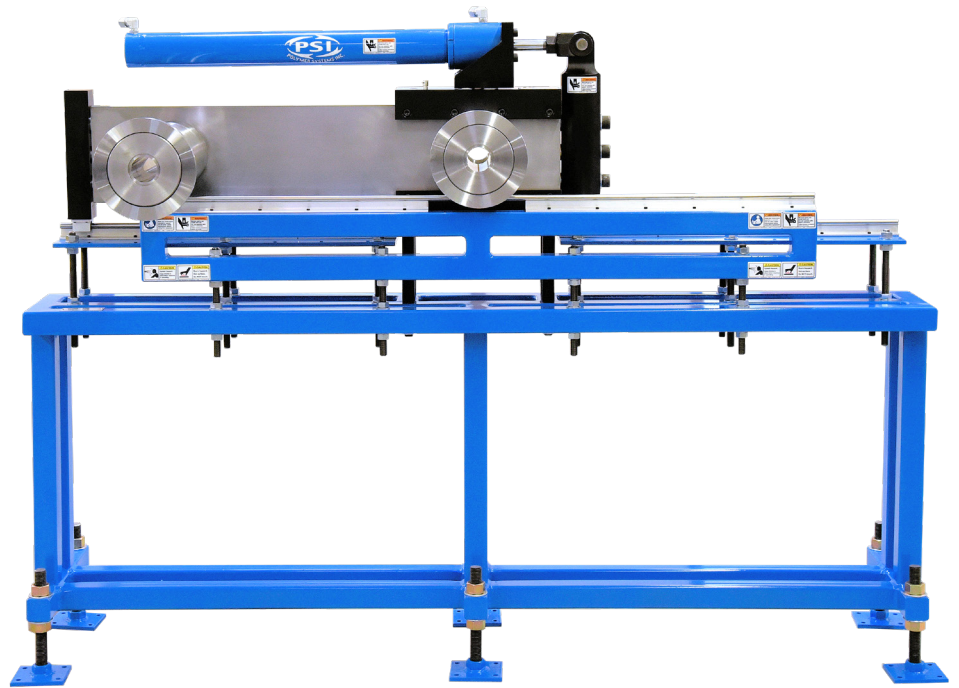
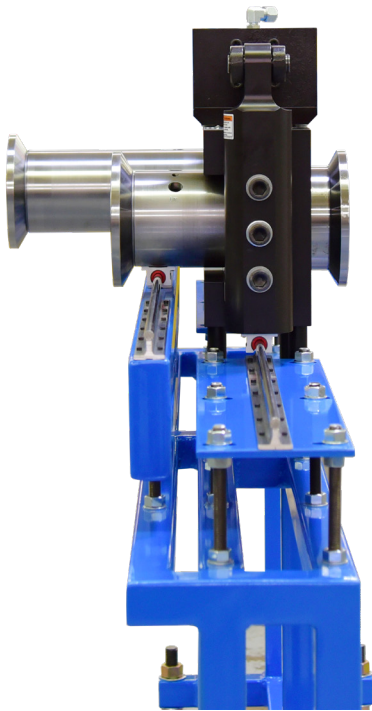
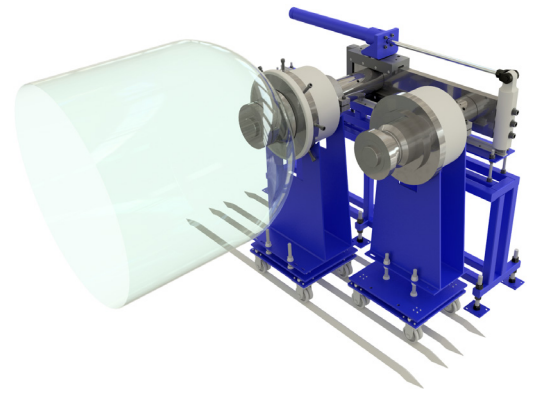
Controls

- Electro-mechanical push-button pendant

Technical

Specifications	Standard
Connection	C-clamp or bolt flange
Max. operating temperature	600°F (315°C)
Max. operating pressure	7,500 PSI (517 bar)
Solenoid control valve voltage	24V

Depending on size and weight, dies may be mounted on v-groove caster mounted carts. EDC units are custom designed to the process and are available in a broad range of sizes for applications ranging from horizontal annular dies to profile and flat dies.



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