Triform 12-10-7BD Specifications

### Max Chamber Pressure
10,000 PSI (689 bar)

### Forming Area
12” Diameter (305 mm)

### Lower Punch Force
280 Tons

### Lower Punch Stroke
7” (178 mm)

### Draw Depth Capacity
7½” (191 mm)

### Max Punch Tool Diameter
8½” (216 mm)

### Daylight
12” (305 mm)

### Forming Pressure Control
(+/−) 1%

### Forming Position Control
(+/−) .002” (.05 mm)

#### System Dimensions
- **Overall System Length**: 62” (158 cm)
- **Overall System Width**: 160” (406 cm)
- **Overall System Height**: 122” (310 cm)
- **Floor Space Required**: 180” X 90” (457 X 229 cm)
- **Total System Weight**: 28,000 lbs (12,700 kg)

#### Control System
- **CNC / PLC**: Allen Bradley
- **Electrical**: Allen Bradley
- **Touchscreen Interface**: 17” Color
- **Job Storage / Recall**: 500+ Job Capacity

#### Power System
- **Main Motor Horsepower**: 75 HP
- **Pump Manufacturer**: Parker or Rexroth
- **Working Fluid**: ISO 46 W
- **Heat Exchanger**: Included
- **Temp / Level Sight Gauge**: Included
- **Main Power**: 480 V
- **Phase**: 3 Phase
- **Hertz**: 60 Hz
- **Control System Voltage**: 110 V
- **FLA Draw**: 85 Amps

#### Performance

The Triform 12-10-7BD is fully programmable and offers two modes:
- Fluid Cell Process Mode
- Deep Draw Process Mode

The full featured controls offer job storage and recipe handling. In addition to sequential programming of pressure and punch position, the operator interface data/program screens include:
- System Diagnostics
- Alarm Handling and Logging
- “In-Sight” Feature for visual inspection
- Multi-level password protection
- OEM set-up screen for remote system performance adjustments
- PLC Input / Output visualization
- Batch Counter

Standard VPN connection via Ethernet allows for the press system to be monitored by the factory for immediate technical support.