

Triform 20-10-10BD Specifications

Triform 20-10-10BD	
Max Chamber Pressure	10,000 PSI (689 bar)
Forming Area	20" Diameter (507 mm)
Lower Punch Force	440 Tons
Lower Punch Stroke	10" (254 mm)
Draw Depth Capacity	10½" (266 mm)
Max Punch Tool Diameter	15.25" (387 mm)
Daylight	14" (305 mm)

Control System	
CNC / PLC	Allen Bradley
Electrical	Allen Bradley
Touchscreen Interface	17" Color
Job Storage / Recall	500+ Job Capacity

System Dimensions	
Overall System Length	167.5" (425 cm)
Overall System Width	88.5" (225 cm)
Overall System Height	157" (398 cm)
Total System Weight	62,000 lbs (28,122 kg)

Power System	
Main Motor Horsepower	165 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	110V
FLA Draw	198 Amps
<i>Alternative Power Configurations Available</i>	



Performance	
Forming Pressure Control	(+/-) 1%
Forming Position Control	(+/-) .002" (.05 mm)

The Triform 20-10-10BD 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

The 20-10-10BD also offers an optional, integrated tool changing system for fast tool change-over. This quick tool change system includes a shuttle to move multiple tools simultaneously in and out of the pressing area.

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