

**TRIFORM**  
Sheet Hydroforming

- **Proven Performance**
- **Low Cost Tooling**
- **Compact Design**
- **Modern Controls**

**FluidCell**  
Sheet Hydroforming

## About Triform

The Triform line of sheet hydroforming presses is a development of the Pryer Technology Group (PTG). PTG is a union of highly experienced and successful professionals committed to offering solutions to its customers via advancements in new technology and the modernization of existing technology.

Triform sheet hydroforming presses are revolutionary. Since the 1980's there has been a clear and recognized need for an alternative solution to the older style fluid cell presses. By utilizing the latest computerized engineering software, modern hydraulics and advanced CNC-style controls, Triform now provides affordable hydroforming presses that are a must-have for manufacturers involved in sheet metal forming.



## How is the Triform Unique?

The use of advanced engineering allowed for the design of a unique pressure containment system that significantly reduced the press size without sacrificing integrity or durability.

Triform Hydroform Presses are available in Deep Draw or Fluid Cell configurations in a variety of sizes.

Most Triform presses are highly portable and install in a matter of hours at any facility with no pit requirements. Each Triform is equipped with the latest in hydraulic and control technology and is standard with applicable guarding.

## Benefits of Hydroforming

- Low tooling costs – Single Tool Technology
- Less complex tooling
- Net Shape part production
- Minimal part thinning
- Minimal spring back
- Ideal for high strength materials
- Draw complex parts in one cycle
- Minimal distortion of sheet finish
- Low work hardening

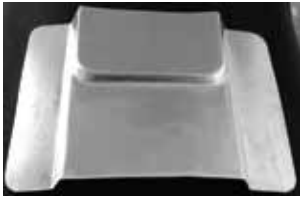
**TEKPRO**  
G R O U P

RP & Manufacturing Equipment

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TriForm Model:	16-5BD	24-5BD	1648-10BD	2448-5BD	42-5SC	2472-5BD
Capabilities:	500 Ton	1,130 Ton	3,560 Ton	2,570 Ton	3,460 Ton	4,010 Ton
Max. Chamber Pressure	5,000 psi	5,000 psi	10,000 psi	5,000 psi	5,000 psi	5,000 psi
Forming Area	16" Dia.	24" Dia.	16" x 48"	24" x 48"	42" Dia.	24" x 72"
Form Tool Clearance	5"	5"	6"	6"	5"	6"
Daylight	6"	6"	7-7/8"	10"		10"
<b>System Dimensions:</b>						
Overall System Length	36"	54"	67"	81"	240"	81"
Overall System Width	90"	100"	110"	138"	90"	150"
Overall System Height	73"	86"	120"	94"	120"	94"
Floor Space Required	126" x 72"	136" x 90"	140" x 110"	150" x 115"	126" x 280"	170" x 120"
Total System Weight	8900 lbs.	16,000 lbs.	95,000 lbs.	55,000 lbs.	79,000 lbs.	60,000 lbs.
<b>Control System:</b>						
CNC/PLC	Allen Bradley	Allen Bradley	Allen Bradley	Allen Bradley	Allen Bradley	Allen Bradley
Electrical By	Allen Bradley	Allen Bradley	Allen Bradley	Allen Bradley	Allen Bradley	Allen Bradley
Touchscreen Interface	AB PanelView (Color)	AB PanelView (Color)	AB PanelView (Color)	AB PanelView (Color)	AB PanelView (Color)	AB PanelView (Color)
<b>Power System:</b>						
Main Motor Horsepower	30 HP	30 HP	50 HP	30 HP	125 HP	30 HP
Pump Manufacturer	Oil Gear	Oil Gear	Oil Gear	Oil Gear	Oil Gear	Oil Gear
Working Fluid	ISO 46 W	ISO 46 W	ISO 46 W	ISO 46 W	ISO 46 W	ISO 46 W
Heat Exchanger	Included	Included	Included	Included	Included	Included
Temp/Level Sight Gauge	Included	Included	Included	Included	Included	Included
Main Power	480/230V	480/230V	480/230V	480/230V	480V	480/230V
Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase
Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
Control System Voltage	110V	110V	110V	110V	110V	110V
FLA Draw	35/75 Amps	35/75 Amps	60/120 Amps	35/75 Amps	35/75 Amps	35/75 Amps

**Fluid Cell Process: High performance alternative to Pad Forming.**

These systems are equipped with modern control systems designed for simplified programmable performance in a rugged and reliable package. No pits or foundations required with standard installation.