

## The only pump specifically designed & built for Plastic Pipe Squeezing

*This pump will work on any double acting hydraulic plastic pipe squeeze tool from ANY of the leading plastic pipe squeeze tool manufacturers*

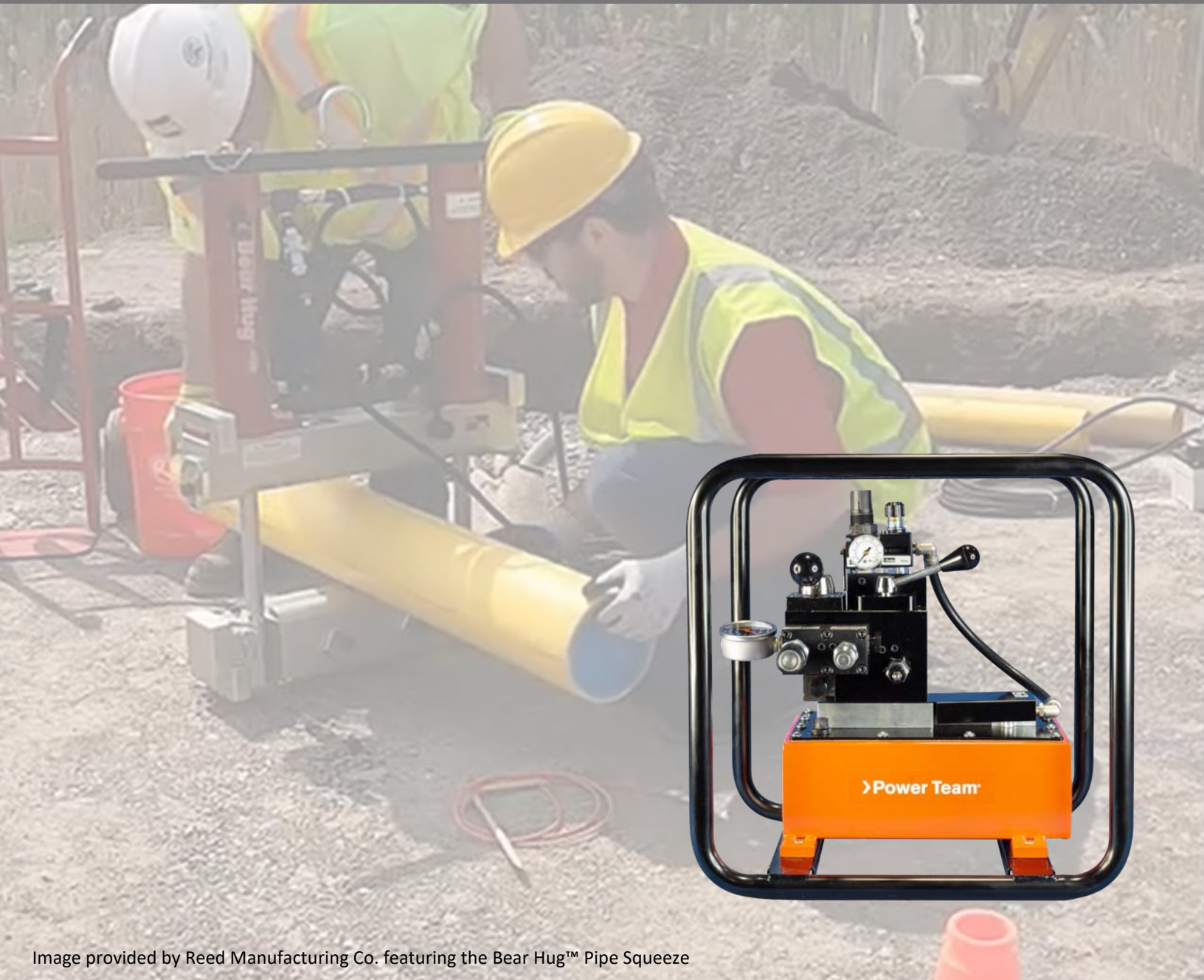


Image provided by Reed Manufacturing Co. featuring the Bear Hug™ Pipe Squeeze

# POWER TEAM

division of  
**HYDRAULIC  
TECHNOLOGIES**

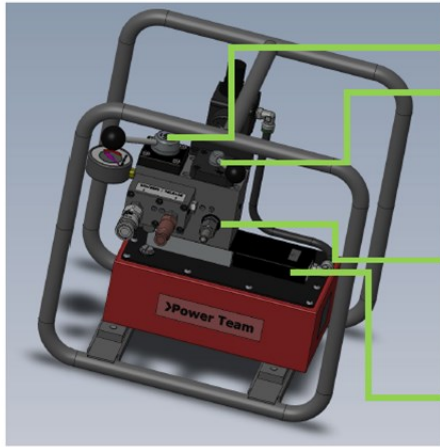
## PA6 Series air pump, double acting

*10k PSI Hydraulic, air powered pump with adjustable pressure compensated flow control valve*

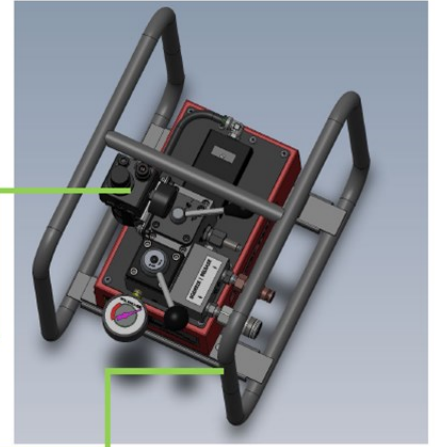
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Features: 5 position 4-way valve that has an adjustable pressure compensated flow control. The user will be able to select between metered advance, metered retract, full advance, full retract, and hold.

**Applications: Natural gas Polyethelene Pipe Squeezing & applications where metered flow in advance or retract is critical.**



- 5 position 4-way manual valve
  - Valve handle (1) Advance/Retract/Tandem Center (Holds pressure)
  - Valve handle (2) Metered/Full Flow
- Pilot operated check valve allows a smooth transition from advanced to retract not allowing spring back when under pressure. Flow is blocked in opposite direction until 5% of checked system pressure is applied. Prevents loss of pressure if valve is inadvertently is shifted or pump line breakage.
- Adjustable flow rate from 0 to 6 in<sup>3</sup>/min (max pump flow at 10k PSI) without affected by pressure. Holds constant flow when pressure builds based on tool requirements.
- FRL (filter/regulator/lubricator) helps keep air compressor systems in optimal working condition.
- Foot pedal activates pump On/Off allows for convenient hands-free activation.
- Robust protective roll cage is light-weight and offers easy transport grab locations.



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## Benefits:

This cutting-edge Hydraulic Pump was developed in collaboration with **C H Bull Co.** and **Hydraulic Technologies PowerTeam** to address an issue identified by a major utility—Inconsistent squeeze and release of plastic pipe.



No more stopwatch



No more inconsistent pipe squeezing or releasing



No more injuries from repetitive motion

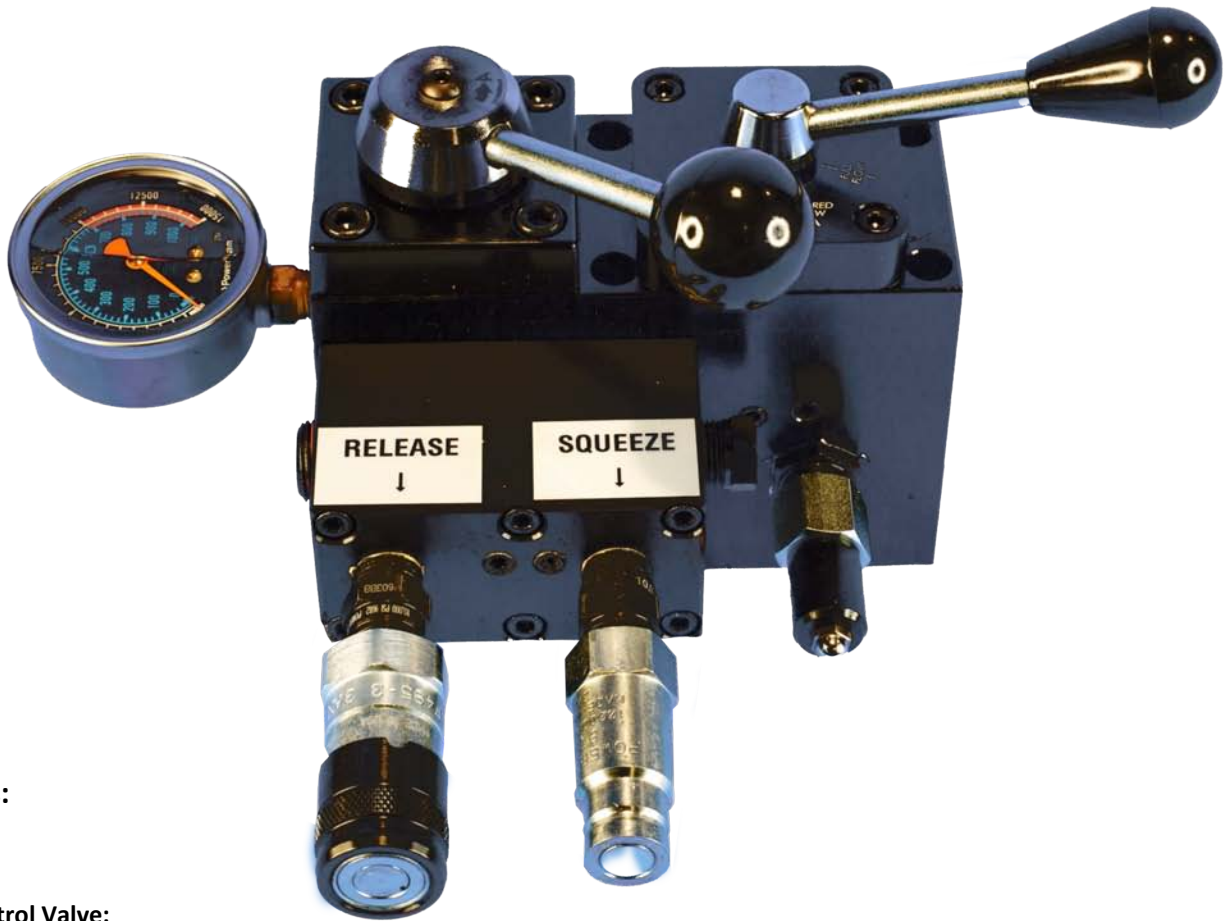
Unless this is mandated by your company policy

**C H Bull Company's** New Proprietary Valve is a custom 5 position — 4 way flow metering valve.

Specifically designed for plastic pipe squeezers and is the only valve to comply with — but can also beat the ASTM Spec. # F-1041 & ASTM Spec. # F1563-01 without any human interaction or stop watches.



# Valve:



## **Key Features:**

### **1. Custom Control Valve:**

Our solution includes a pump-mounted, pressure-compensated, adjustable flow control valve seamlessly integrated with a manually operated, 5-position, detented, 4-way valve, purpose-built for hydraulic double-acting squeeze tools. Additionally, this valve features a bolted-on pilot-operated check valve to enhance its versatility.

### **2. Valve Functions:**

Valve 1: Choose between "Full Flow" and "Metered Flow" settings.

Valve 2: Options include "Advance," "Hold," and "Retract" positions.

NOTE: The valve shifts between "Advance," "Metered Flow," and "Hold" positions without losing system pressure (Non- Interflow).

### **Abbreviated Operation:**

Position the squeeze tool over the target pipe.

Adjust Valve 1 to "Full Flow" and Valve 2 to "Advance" on the pump.

Start the unit with the foot pedal to close the squeeze tool jaws until they contact the pipe.

Transition Valve 1 to the "Metered Flow" position to commence the squeeze.

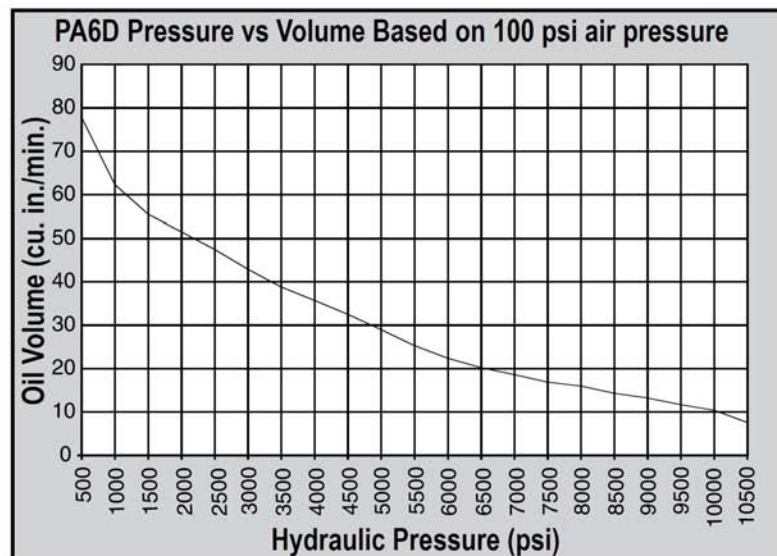
Move Valve 2 to the "Retract" position to release the squeeze safely and smoothly.

### **Precision Squeeze and Release:**

Our Air Hydraulic Pump offers a squeeze and release rate that can be set to meet the ASTM standard of 0.5 in./min release. This controlled release rate aligns with industry standards and helps prevent any damage to the pipe material.

## Standard Features and performance:

- No spill couplers included. Alternate couplers available upon request
- 9040 pressure gauge 0-10K PSI (Liquid) (2.5" diameter)
- 1 gallon metal reservoir with 80% (.8 gallons) usable oil
- Required air pressure 40-120 psi at the pump
- Internal pressure relief valve factory preset 10k PSI
- 85 dBA at 10K PSI
- Pump weight ~40lbs



For more information about this pump please visit our website

By scanning the QR code below or you may also go to

<https://www.chbullco.com/squeeze>



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