



PRESSURE CONTROL PRODUCTS LLC

We specialize in delivering cutting-edge pressure control equipment to meet the diverse needs of the global Oil & Gas Industry.



EQUIPMENT RENTAL CATALOG





ABOUT US

- ▶ The Owner of BOP Products, LLC, announces the creation of a new subsidiary LLC; Pressure Control Products, LLC Rental Division.
- ▶ The LLC exists as a subsidiary LLC of BOP Products, LLC. The owner took this action to form the division October 2021.
- ▶ This action was taken by the owner in response to the growth seen from the rental division of BOPP. The need to keep the quality system in place for BOPP while allowing the rental division to work outside of that and create their own system for working Pre & Post Rental Inspections. BOPP has worked diligently for years to acquire and maintain their API accreditations and hold those as very valuable assets. This separation will allow both divisions to work together but also keep their own quality standards in place.
- ▶ Pressure Control Products with the support of BOPP share the vision to be the world leading rental supplier of pressure control products and related services. We will earn our clients respect and loyalty through continuous improvements, guided by the: Responsiveness, Reliability, and Readiness of our PCP Team.

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Annular BOPs

Annular BOPs are designed for safe well pressure control during drilling, workover, and snubbing operations. The Annular Packing Element can close on all types and sizes of tubulars in the well.



Category:	Blowout Preventors - Annular Type
Manufacturers:	BOP Products & Other Quality OEM Brands
Bore Sizes:	Pressure Rating:
4-1/16"	10,000 psi
7-1/16"	5,000 psi 10,000 psi
11"	3,000 psi 5,000 psi 10,000 psi
13-5/8"	5,000 psi 10,000 psi
16-3/4"	5,000 psi
18-3/4"	5,000 psi
21-1/4"	2,000 psi 5,000 psi
29-1/2"	500 psi
30"	1,000 psi



Ram BOPs

Ram BOPs are designed for safe well pressure control during drilling, workover, and snubbing operations. The Ram BOP has opposing ram blocks that close hydraulically on defined sizes of tubulars, as well as having shearing components.



Category:	Blowout Preventers - Ram Type	
Manufacturers:	BOP Products, & Other Quality OEM Brands	
Bore Sizes:	Pressure Rating:	Cavity:
4-1/16"	10,000, 15,000 psi	Singles & Doubles
7-1/16"	5,000, 10,000, 15,000 psi	Singles & Doubles
9"	3,000 & 5,000 psi	Singles & Doubles
11"	5,000, 10,000, 15,000 psi	Singles & Doubles
13-5/8"	5,000, 10,000, 15,000 psi	Singles & Doubles
16-3/4"	5,000, 10,000 psi	Singles & Doubles
20-3/4"	3,000 psi	Singles & Doubles
21-1/4"	2,000, 5,000, 10,000 psi	Singles & Doubles
18-3/4"	5,000, 10,000 psi	Singles & Doubles
26-3/4"	3,000 psi	Singles & Doubles

Large Bore Shear Bonnets & Tandem Boosters are also available.



Ram Blocks

Ram Blocks are the closing, sealing, and hanging component of the Ram Type BOPs. There are a variety of Ram Blocks and Elastomer options that are designed for Blind/CSO, Shearing, Shear/Blind, Pipe, Casing, Tubing, Dual or Offset Pipe, Centralizing tubulars, Variable Bore, Slip, and Hang-off.



Size	Type	Pressure Rating	Pipe Bore Size
4-1/16"	BOWEN	15,000 psi	1.000", 1.250", 1.315", 1.500", 1.660", 1.990", 2.000", 2.062", 2-3/8", 2-7/8"
7-1/16"	S700 "U"	5,000, 10,000, 15,000 psi	1.050", 1.250", 1.315", 1.500", 1.660", 1.750", 1.990", 2.062", 2.250", 2-3/8", 2-7/8", 3-1/2", 3.650", 4", 4-1/2", 5", 5-1/2"
9"	S300 "LWS"	3,000, 5,000 psi	1.315", 1.660", 1.900", 2-1/16", 2-3/8", 2-7/8", 3-1/2", 4", 4-1/2", 5", 5-1/2"
11"	S700 "U"	5,000, 10,000 psi	1.250", 1.660", 1.900", 2.062", 2.250", 2-3/8", 2-7/8", 3-1/2", 4", 4-1/2", 4-3/4", 5", 5-1/2", 6", 6-5/8", 7", 7-5/8", 7-3/4", 8-5/8"
11"	S700 "U"	15,000 psi	1.050", 1.315", 1.660", 1.900", 2.062", 2.250", 2-3/8", 2-7/8", 3-1/2", 4", 4-1/2", 4-1/2", 5", 5-1/2", 6", 6-1/4", 6-5/8", 7", 7-5/8", 8.125"
13-5/8"	S700 "U"	5,000, 10,000 psi	1.315", 1.660", 1.900", 2.062", 2.250", 2-3/8", 2-7/8", 3", 3-1/2", 4", 4-1/2", 4-3/4", 5", 5-1/2", 5-3/4", 5-7/8", 6", 6-5/8", 7", 7-5/8", 8-5/8", 9", 9-5/8", 10-3/4", 11-3/4"
13-5/8"	S700 "U"	15,000 psi	2.062", 2-3/8", 2-7/8", 3-1/2", 4", 4-1/2", 4-3/4", 5", 5-1/2", 5-7/8", 6", 6-5/8", 7", 7-5/8", 8-5/8", 9", 9-5/8", 9-7/8", 10-3/4"
16-3/4"	S700 "U"	5,000, 10,000 psi	1.900", 2-3/8", 2-7/8", 3-1/2", 4", 4-1/2", 4-3/4", 5", 5-1/2", 5-7/8", 6", 6-5/8", 7", 7-5/8", 8-5/8", 9", 9-5/8", 9-7/8", 10-3/4", 10-7/8", 11-3/4", 13-3/8"
18-3/4"	S700 "U"	10,000 psi	2-3/8", 2-7/8", 3-1/2", 4", 4-1/2", 4-3/4", 5", 5-1/2", 5-7/8", 6", 6-5/8", 7", 7-5/8", 8-5/8", 9", 9-5/8", 9-7/8", 10-3/4", 11-7/8", 12", 13-3/8", 13-5/8", 14"
20-3/4" / 21-1/4"	S700 "U"	2,000, 3,000 psi	2-7/8", 3-1/2", 4", 4-1/2", 4-3/4", 5", 5-1/2", 5-7/8", 6", 6-5/8", 7", 7-5/8", 8-5/8", 9", 9-5/8", 10-3/4", 13-3/8", 13-5/8", 16", 17", 18-5/8"
21-1/4"	S700 "U"	5,000, 10,000 psi	2-3/8", 2-7/8", 3-1/2", 4", 4-1/2", 4-3/4", 5", 5-1/2", 5-7/8", 6", 6-5/8", 7", 7-5/8", 8-5/8", 9", 9-5/8", 10-3/4", 11-3/4", 13-3/8", 13-5/8", 16"
26-3/4"	S700 "U"	3,000 psi	2-3/8", 2-7/8", 3-1/2", 4", 4-1/2", 5", 5-1/2", 5-7/8", 6", 6-5/8", 7", 7-5/8", 9", 9-5/8", 10-3/4", 11-3/4", 13-3/8", 13-5/8", 16", 17", 18-5/8", 20", 22"

Dual Rams are available for most above sizes, models and pressure rating, some may require specialty order.
Blind Rams / CSO's are available for all above sizes, models and pressure rating at same price.

Size	Type	Pressure Rating	VBR Bore Sizes
7-1/16"	S700 "U"	5,000, 10,000, 15,000 psi	2-3/8" to 3-1/2" 2-7/8" to 4"
11"	S700 "U"	5,000, 10,000 psi	2-7/8" to 5" 3-1/2" to 5" 3-1/2" to 5-1/2"
11"	S700 "U"	15,000 psi	2-7/8" to 5"
13-5/8"	S700 "U"	5,000, 10,000 psi	2-7/8" to 5" 3-1/2" to 5-1/2" 3-1/2" to 5-7/8" 4-1/2" to 7"
13-5/8"	S700 "U"	15,000 psi	3-1/2" to 5" 3-1/2" to 5-7/8" 5" to 7"
16-3/4"	S700 "U"	5,000, 10,000 psi	2-7/8" to 5" 3-1/2" to 5-1/2" 5" to 7"
18-3/4"	S700 "U"	10,000 psi	3-1/2" to 7-5/8"
20-3/4" / 21-1/4"	S700 "U"	2,000, 3,000 psi	4-1/2" to 7"
21-1/4"	S700 "U"	5,000, 10,000 psi	2-7/8" to 5-7/8"

Size	Type	Pressure Rating	Flexpacker Bore Sizes
11"	S700 "U"	5,000, 10,000 psi	2-3/8" to 3-1/2" 3-1/2" to 5"
13-5/8"	S700 "U"	5,000, 10,000 psi	2-3/8" to 3-1/2" 3-1/2" to 5" 5" to 6-5/8"
18-3/4"	S700 "U"	10,000 psi	2-7/8" to 5" 3-1/2" to 5" 5" x 6-5/8"
20-3/4" / 21-1/4"	S700 "U"	2,000, 3,000 psi	5" to 7"

Shear Ram Types



Size	Type	Pressure Rating	Shear Ram Types
7-1/16"	S700 "U"	5,000, 10,000, 15,000 psi	Shear SBR, DSi
11"	S700 "U"	5,000, 10,000 psi	Shear SBR, SBR-H2S, DS
11"	S700 "U"	15,000 psi	Shear SBR
13-5/8"	S700 "U"	5,000, 10,000 psi	Shear SBR, SBR-H2S, DS, ISR, DSi, DVS, GSR, GSRSD
13-5/8"	S700 "U"	15,000 psi	Shear SBR, SBR-H2S, DS
16-3/4"	S700 "U"	5,000, 10,000 psi	Shear SBR
18-3/4"	S700 "U"	10,000 psi	Shear SBR, SBR-H2S
20-3/4" / 21-1/4"	S700 "U"	2,000, 3,000 psi	Shear SBR
21-1/4"	S700 "U"	5,000, 10,000 psi	Shear SBR, SBR-H2S





Divertor Packages

The Divertor Package by design will direct the flow to a safe location by packing off around the drill string, Kelly, or casing. The Valves on the Drilling Spool allow the well to flow and to be directed whenever the divertor has been actuated.

Package Type: **Divertor - 30" 1000 psi Systems**

Consisting of:

1 x 30" 1000 psi Annular BOP, 30" 1M R-95 Flange down, 30" 1M R-95 Studded Top
1 x 30" 1000 psi Divertor Spool, 30" 1M Flanged Top & Bottom, c/w 2 off 13-5/8 3M R-57 Flanged Side Outlets
1 x 30" 1000 psi R-95 Butt Weld Flange for Conductor top
2 x 12" CI 900 Divertor Ball Valves, Hyd Actuated, 13-5/8" 3M Flanged R-57
2 x 13-5/8" 3000 psi R-57 Butt Weld Flanges for Divertor Valve to flare lines connection
Flare Lines, 12" by 15' sections c/w Flange or Hammer Lug connections to customer specifications.
28 Studs c/w 1 Nut 2" 8UN x 11-1/2" Long, Top of Annular
56 Studs c/w 2 Nuts 2" 8UN x 14-1/2" Long for the 30" 1000 psi R-95 Flanges & 30" 1M Butt Weld Flange
80 Studs c/w 2 Nuts 1-3/8" 8UN x 10-3/4" Long for the two 12" Divertor Valves & Butt Weld Flanges
3 each R-95 Ring Gaskets (for 30" 1M Profile)
4 each R-57 Ring Gaskets for the two 12" Divertor Valves
Sales items: Studs/Ring Gaskets provided at Cost + 15%

Package Type: **Divertor - 29-1/2" 500 psi Systems**

Consisting of:

1 x 29-1/2" 500 psi Annular BOP, 29-1/2" 500 psi WP R-95 Flange down, 29-1/2" 500 psi R-95 Studded Top
1 x 29-1/2" 500 psi Divertor Spool, 29-1/2" 500 psi Flanged Top & Bottom, c/w 2 off 13-5/8 2M R-57 Flanged Side Outlets
1 x 29-1/2" 500 psi R-95 Butt Weld Flange for Conductor top
2 x 12" CI 600 Divertor Ball Valves, Hyd Actuated, Flanged 13-5/8" 2M R-57
2 x 13-5/8" 2000 psi R-57 Butt Weld Flanges for Divertor Valves to Flare Lines connection
Flare Lines, 12" by 15' sections c/w Flange or Hammer Lug connections to customer specifications.
28 Studs c/w 1 Nut 1-3/4" 8UN x 9-1/8" Long, Top of Annular
56 Studs c/w 2 Nuts 1-3/4" 8UN x 13-1/2" Long for the 29-1/2" 500 psi R-95 Flanges & 29-1/2" Butt Weld Flange
80 Studs c/w 2 Nuts 1-1/4" 8UN x 9-1/2" Long for the two 12" Divertor Valves & Butt Weld Flanges
3 each R-95 Ring Gaskets (for 29-1/2" Profile)
4 each R-57 Ring Gaskets for the two 12" Divertor Valves
Sales items: Studs/Ring Gaskets provided at Cost + 15%



Adapters – Studded, Flanged

The Adapters offer a method to join flanges of different sizes or pressure ratings, whether needed for the BOP Stack or needed on flow lines.

DSAs - Most Configurations	Weld-Neck Flanges
1-13/16"	3M, 5M, 10M & 15M
2-1/16"	3M, 5M, 10M & 15M
3-1/8" - 3-1/16"	3M, 5M, 10M & 15M
4-1/16"	3M, 5M, 10M & 15M
5-1/8"	3M, 5M, 10M & 15M
7-1/16"	3M, 5M, 10M & 15M
11"	3M, 5M, 10M & 15M
13-5/8"	3M, 5M, 10M & 15M
16-3/4"	2M, 3M, 5M & 10M
18-3/4"	5M, 10M & 15M
20-3/4"	2M & 3M
21-1/4"	2M, 5M & 10M
26-3/4"	3M
30"	1M

Crosses Tees or Elbows	Flange X Weco Adapters
2-1/16"	5M, 10M & 15M
3-1/16"	5M, 10M & 15M
3-1/8"	5M, 10M & 15M
4-1/16"	5M, 10M & 15M



Spools – Adapters, Spacer, and Drilling



The Adapter Spools offer another method to join flanges of different sizes or pressure rating with spacing as needed, Spacer Spools used to space out a needed section of the same size and pressure rating, and Drilling Spools used on drilling operations to connect rig choke and kill lines for flow below the ram blocks.

Spacer Spool - Flange x Flange

Size:	Working Pressure:	Size:	Working Pressure:
4-1/16"	3M, 5M, 10M & 15M	20-3/4"	2M & 3M
5-1/8"	5M & 10M	21-1/4"	3M, 5M, 10M & 15M
7-1/16"	3M, 5M, 10M & 15M	26-3/4"	3M
11"	3M, 5M, 10M & 15M	30"	1M & 2M
13-5/8"	3M, 5M, 10M & 15M	Rentals quoted as per the rig requirement.	

Drilling and Diverter Spools

Size:	Working Pressure:	Size:	Working Pressure:
4-1/16"	3M, 5M, 10M & 15M	20-3/4"	2M & 3M
7-1/16"	3M, 5M, 10M & 15M	21-1/4"	3M, 5M, 10M & 15M
11"	3M, 5M, 10M & 15M	26-3/4"	3M
13-5/8"	3M, 5M, 10M & 15M	29-1/2"	500 PSI
		30"	1M





Chokes – Hydraulic, Manual & Fixed

Chokes are a control device used to control flow rate and reduce pressure for processing of produced fluids and gases farther downstream.

Category:		Chokes - Hyd. / Man. / Fixed	
Hydraulic Chokes w/Panel & Hose Assembly		Manual Adjustable H2 Type Choke	
2-1/16"	3M, 5M, 10M, & 15M	2-1/16"	3M, 5M, 10M, & 15M
3-1/16"	3M, 5M, 10M, & 15M	3-1/16"	3M, 5M, 10M, & 15M
		4-1/16"	3M, 5M, 10M, & 15M
Fixed (Bean) - Production Type Choke			
2-1/16"	3M, 5M, 10M, & 15M		
3-1/16"	3M, 5M, 10M, & 15M		
4-1/16"	3M, 5M, 10M, & 15M		





Drilling Valves – Gate (Manual / Hydraulic), Ball, Plug & Check

The Gate Valve is generally used to completely shut off fluid flow or, in the fully open position, provide full flow in a section as needed.

Category:		Valves - Gate, Ball & Check	
Manual Slab Gate Valves		Hydraulic Actuated Gate	
2"	3M, 5M, 10M, & 15M	2"	3M, 5M, 10M, & 15M
3"	3M, 5M, 10M, & 15M	3"	3M, 5M, 10M, & 15M
4"	3M, 5M, 10M, & 15M	4"	3M, 5M, 10M, & 15M
Ball Valves (Diverter)		Check Valves	
8"	5,000 psi / Flange Class 1500	2"	5M, 10M, & 15M
12"	2,000 psi / Flange Class 600	3"	5M, 10M, & 15M
12"	3,000 psi / Flange Class 900	4"	5M, 10M, & 15M



Manifolds – Choke & Kill

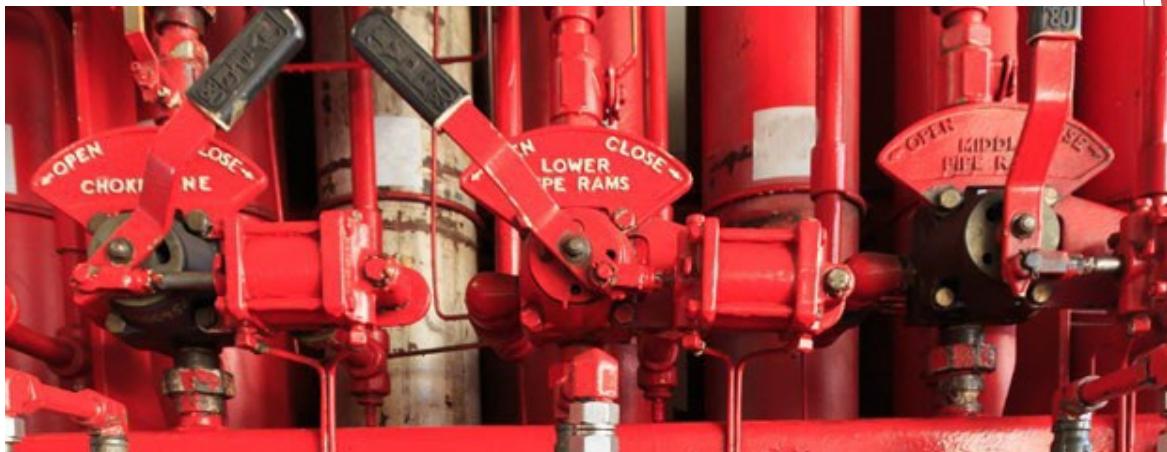
Choke and Kill Manifolds are used to control well kick and pressure. In the case of a well kick or blowout, the Choke Manifold may control downhole pressure through the Manual or Hydraulic Chokes.



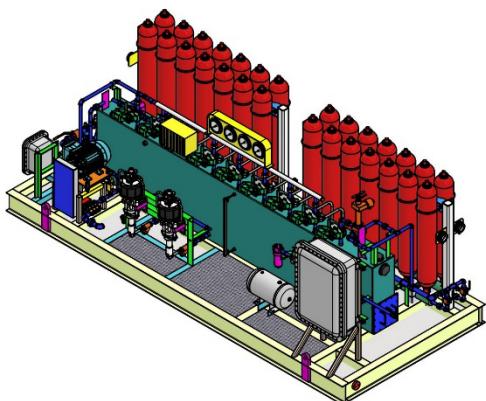
Type:	Gate Valve Type (c/w choice of number and arrangement of manual and auto chokes with operator control panel on oilfield skid.)
Bore Sizes:	Pressure Rating:
2-1/16"	5,000, 10,000, 15,000 psi
3-1/16"	5,000, 10,000, 15,000 psi
4-1/16"	5,000, 10,000, 15,000 psi

BOP Control Units

The BOP accumulator unit (Closing Unit) is used to store and release hydraulic energy used in the operations of Opening and Closing the different types of BOPs and Valves.



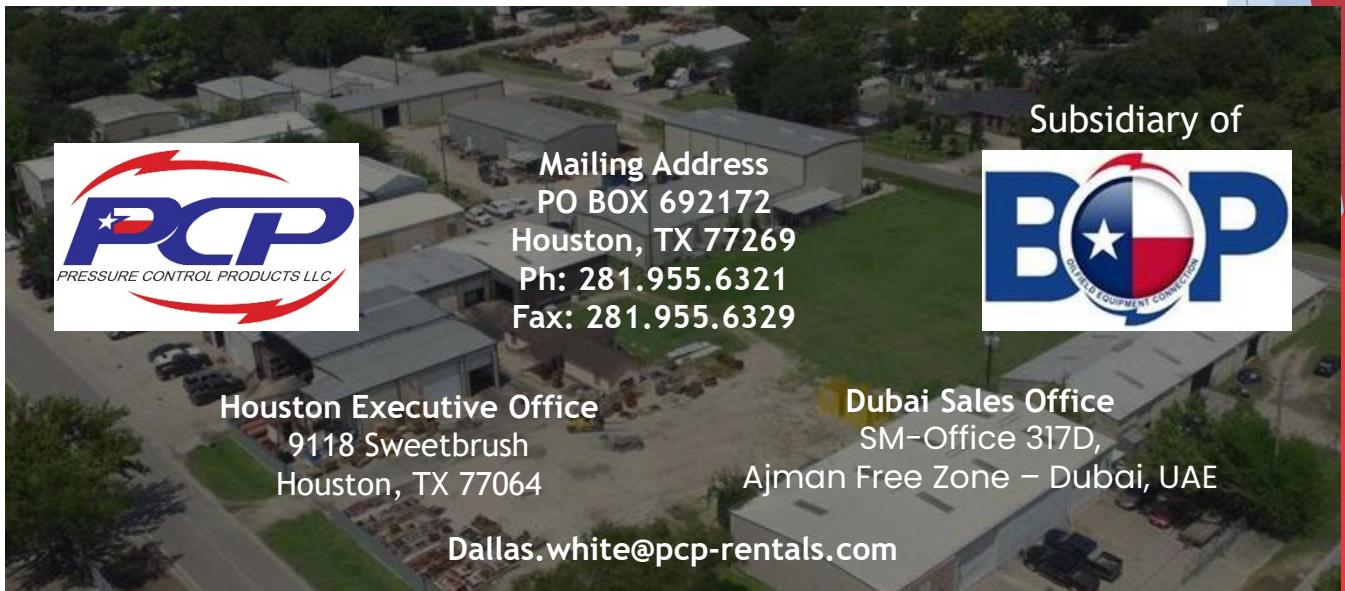
Category:	BOP Control Accumulator Units
3 Station	Skid or Trailer Mounted, 4 X 11 gallon accumulator BOP control unit, with a single hydraulic pump and diesel engine.
4 Station	Skid Mounted, 8 X 11 gallon accumulator BOP control unit, with a single hydraulic pump and diesel engine.
5 Station	Full API 16D Complaint, 12 x 11 gallon accumulator BOP control Unit, with 2 x 60:1 ratio air operated hydraulic pumps and electrical driven hydraulic triplex pump
6 Station	Full API 16D Complaint, 20 x 11 gallon accumulator BOP control Unit, with 2 x 60:1 ratio air operated hydraulic pumps and electrical driven hydraulic triplex pump
Each Unit has dual Remote panels c/w 150 foot umbilical	Each Unit has a full set of 100' long Flame retardant BOP Control Hoses



OUR MISSION

Responsive – Reliable – Readiness

Pressure Control Products w/ the support of B.O.P. Products, LLC share the vision to be the world leading rental supplier of pressure control products and related services. We will earn our clients respect and loyalty through continuous improvements, guided by the: Responsiveness, Reliability, and Readiness of our PCP Team.



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