

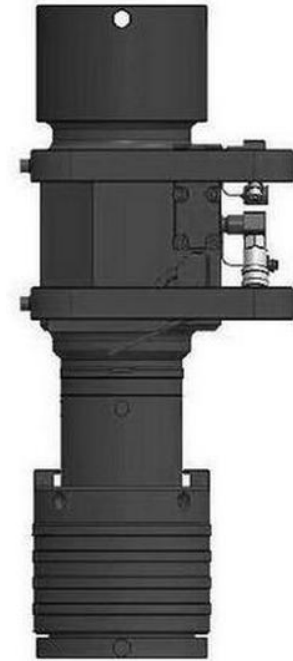
## Hydraulic Tool Trap

Designed to be installed above Wireline BOP, and below Lubricators. It prevents the loss of Wireline Tool String downhole in the event of the wire being pulled-off the Rope Socket, by retaining the dropping tools on a flapper.

**Tool Traps** can be opened manually or remotely by hydraulic pressure to allow Tool String to be lowered through Tool Trap from above. Once Tool String is in position, hydraulic pressure is removed, and Tool Traps spring loaded flapper is designed to automatically return to a closed position.

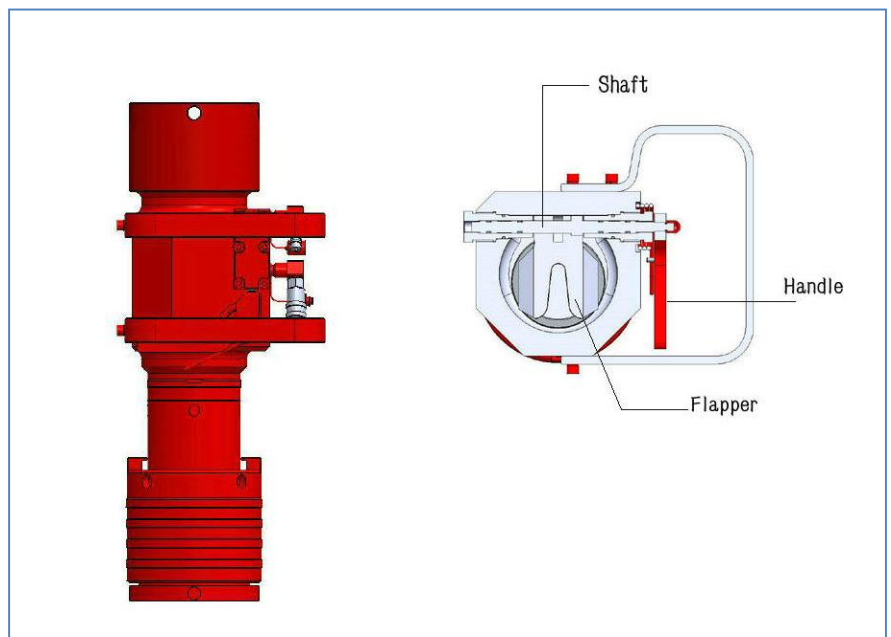
Flapper has a slot that is wider than wireline, but smaller than Tool string, thus allowing the wireline pass through the slot without influence on the wireline moving while in “closed” position.

With flapper in “closed” position, Tool String can be raised through the Tool Trap, when the fishing neck contacts underside of flapper, the flapper is moved up and out of well bore. When the Tool String is pulled fully through the Tool Trap, the flapper will automatically close to cover the well bore and prevent the Tool String being dropped downhole.



### Feature

- 1) One piece forged Body.
- 2) External Indicator designed.
- 3) Dual Hydraulic Cylinder, the shift fork reposition rapidly and reliably.
- 4) Remote hydraulic operation, enhanced operational safety.
- 5) Can be operated manually in case of hydraulic failure.
- 6) Manual Tool Trap available on request.





**Main Parameter**

- 1) I.D.
- 2) Working Pressure
- 3) Upper and Lower Union Required ( Bowen or Otis )
- 4) Service Environment ( STD or H2S )
- 5) Working Temperature

Hydraulic Tool Trap						
Model	Working Pressure	Normal I.D.	Actual I.D.	Service	Upper and Lower Connection	Working Temperature
XBZ5-21	3000Psi	2-1/16"	52mm	STD or H2S	3 1/2"-6SA Type W	P + U -20°F~+250°F (-29°C~+121°C) Or As Required
XBZ6-35	5000Psi	2-9/16"	65mm		4 1/4"-4ACME Type W	
XBZ6-70	10000Psi				4 3/4"-4ACME Type B	
XBZ7-35	5000Psi	3"	76mm		4 3/4"-4ACME Type B	
XBZ7-70	10000Psi				5 3/4"-4ACME Type O	
XBZ7-105	15000Psi				7 1/2"-4ACME Type O	
XBZ10-35	5000Psi	4" or 4-1/16"	103mm		6 1/2"-4ACME Type O	
XBZ10-70	10000Psi				8 3/8"-4ACME Type O	
XBZ10-105	15000Psi				9 1/2"-4ACME Type O	
XBZ12-70	10000Psi	4-1/2"	120mm		7 1/2"-4ACME Type O	
XBZ12-105	15000Psi				11 1/8"-4ACME Type W	
XBZ13-70	10000Psi	5" or 5-1/8"	130mm		9"-4ACME Type O	
XBZ13-105	15000Psi				12 1/4"-4ACME Type O	
XBZ14-70	10000Psi	5-1/2"	140mm		9 1/2"-4ACME Type O	
XBZ16-35	5000Psi	6-3/8"	162mm		9 1/2"-4ACME Type O	
XBZ16-70	10000Psi				11 1/2"-4ACME Type O	

**Note**

- 1) There are Bowen (Type B), Otis (Type O) and our own Quick Union (Type W) for threaded selective.
- 2) Additional size available on request.



**Normal Guarantee Period**

12 months after the clients received the Equipment  
or 13 months after the commodity be shipped from Chinese Harbor.

**Information Required When Inquiry**

If you will purchase the whole Wireline PCE, please refer to the [Information Required When Inquiry](#) in Chapter 《Wireline PCE》 .

If you purchase the Hydraulic Tool Trap separately, the **Main Parameter** information above mentioned will be asked.



*Subject to change without notice*