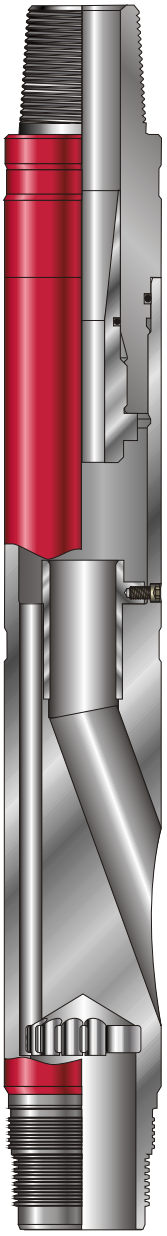
Cyclone Bailer® Tool



Weatherford's flow-operated *Cyclone Bailer* tool draws fluid and debris into the bailer section by the creation of a strong vacuum. A high-performance filter then traps any debris in the bailer section, preventing erosion of the nozzle. The tool can be used in washover operations where circulation is not possible and in coiled-tubing (CT) applications.

Applications

- Washover operations where circulation is not possible or efficient debris removal is required
- Either conventional workover or CT applications

Features, Advantages and Benefits

- Patent-pending nozzle design and proprietary debris filter allow the tool to outperform conventional debris removal systems. The high-performance filter is designed to capture debris as small as 25 microns, and large-bore flappers enable the bailer to remove large objects.
- Nozzle installation takes just minutes, saving time over the course of operations.
- Nozzle can be supplied with orifice sizes from 1/8 to 5/16 in. for a wide range of circulation rates.
- Adjustable bailer length, filter design, and flapper valve design maximize operational efficiency by enabling use of the tool in numerous applications.
- The tool can be used with downhole motors or with surface rotation.
- Tubing, casing, or washpipe can be used to create bailer sections, depending on quantity and size of debris to be removed.

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Specifications

Tool OD (in./*mm*)	Pressure Rating (PSI/*kPa*)	Maximum Allowable Pull (lb/*kg*)	Maximum Jarring Force (lb/*kg*)
1.700 *43.18*	5,000 *34,474*	76,000 *34,200*	33,000 *14,850*
2.125 *53.98*		142,000 *63,900*	71,000 *31,950*
2.875 *73.03*		223,000 *100,350*	112,000 *50,400*
3.500 *88.90*		367,000 *165,150*	185,000 *83,250*

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