

PRODUCT OVERVIEW:

The X-FRAC is a high performance mechanical Isolation tool which operates on a continuous J slot. The Xfrac is intended for tubing or annular fracing on coiled tubing. This system allows for selective treatment of individual stages and is ideal for vertical or horizontal multi-stage stimulation operations. The X-FRAC can be used in conjunction with the WellBoss Zone Striker pressure balanced communication sleeves, or used as an isolation tool for abrasive Sand Jet Perforator (SJP) or refrac operations.

When run in conjunction with Resource’s Zone Striker completions system, the X-Frac positively locks and sets inside a sleeve creating a pressure imbalance, shifting the sleeve to allow communication with the formation. Positive weight will be indicated at surface when the tool is pulled into position, the tool is set by added a compressive load through the coiled tubing. The applied compressive load packs off the packing element isolating everything below. At this point, a hydraulic force can be applied to open the sleeve to deliver an instantaneous high pressure shock to formation. Stimulation operations can now commence.

When used as isolation tool to make cuts in blank casing using the Sand Jet Perforator, a ball is placed on seat in the top sub of the X-FRAC for SJP activation. An optional chrome steel ball can be run in place to activate the SJP. Once the SJP is on depth, a compressive load is set on the X-FRAC for positive isolation. Cutting operations can now be performed down the tubing at the desired rate and sand concentration. Any pumping down the tubing will seat the Chrome ball directing flow out the SJP. This creates an increased pressure lowering the differential on the coil tubing. Upon completion of the cut, frac treatments can begin down the annulus.

FEATURES:

- Short compact system ensures ease of handling and tool string make up.
- Unique locating system allows for precise positioning and positive depth correlation.
- Posilocate design significantly reduces stage-to-stage time.
- Simple “Continuous J” profile ensures ease of setting and unsetting the tool.
- Single shift or closeable configurations available.
- Minimal weight required to set element stack within liner.
- Bonded seal bypass system with flow diverter ensures no communication with zones below.
- Allows for precise, pin point frac locations.
- Ability to frac down tubing, annulus, or both simultaneously.
- Ability to add stages in blank casing on the fly using SJP.
- Simple, reliable sand cleanup from either tubing or annulus in event of screen out.
- Simple Locate-Set-Pooh sequence reduces time and wear on coil.
- Available in corrosion resistant alloys for hostile environments.



| X-Frac Technical Specifications | | | | | | | | | |
|---------------------------------|--------|---------------|---------------|-------|-------|---------|-------|--------|------|
| Tool Size | | Weight Range | | OD | | Min. ID | | Length | |
| in | mm | lb/ft | kg/m | in | mm | in | mm | ft | m |
| 4.500 | 114.30 | 11.60 - 13.50 | 17.26 - 20.09 | 3.860 | 98.04 | 0.875 | 22.23 | 8.19 | 2.49 |

Contact WellBoss Representative for Tool Specific Specifications