

HYMA-FRAC Resettable Retrievable Straddle Packer

The HYMA-Frac is a high-pressure well stimulations straddle packer used for zonal isolation. The HYMA-Frac is a retrievable & resettable packer, and is very well suited to perform multistage stimulation operations in a single run. The large packer through bore permits high pumping rates in wide array of stimulation operations.

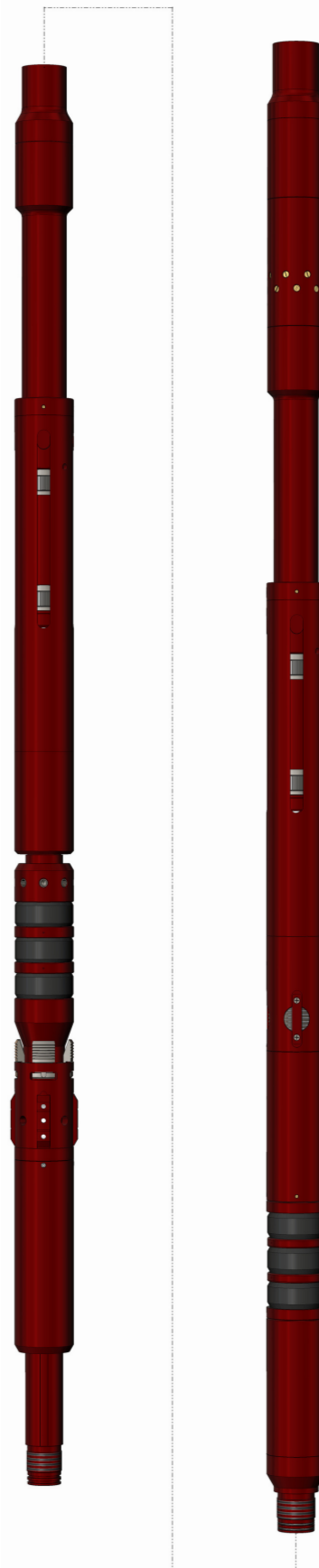
The HYMA-Frac is beautifully designed with two sets of three sealing elements and has the tendency to automatically equalize the pressure across the packer. The HYMA-Frac can be deployed with a coiled tubing reel or with connected tubulars. It facilitates high-pressure operations upto 10,000 Psi (68.95 MPa) & temperature ranging from 40^o to 250^o F.

Applications

- Vertical or deviated wells
- Shallow or deep wells
- Temporary zonal isolation
- Injection wells

Features and Benefits

- Allow selective zonal stimulation treatment by adjusting the straddle length.
- A large bore provides a higher pumping rates up to 30 bpm.
- Able to perform N number of stimulation jobs in single trip.
- The straddle packer can be installed or retrieved by using work-over rig or Coiled tubing unit.
- Treatment or testing of individual zones.
- The packer is compression set, hence no rotation is required to set the packer.
- Extra long equalization valves.
- Straight pull to release.
- Double sealing arrangements on the mandrel.
- Anchoring of upper element with the help of HHD Sub.





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Technical Data

HYMA-FRAC						
CASING		RECOMMENDED HOLE SIZE (inches)	TOOL OD MAX (inches)	TOOL ID MIN. (inches)	Standard Connection	WORKING PRESSURE (Psi)
SIZE (inches)	WEIGHT (lbs./ft)					
3.1/2	9.20-12.95	2.480-2.990	2.300	1.15	2.062	10,000
4.1/2	9.5-13.5	3.920-4.090	3.771	1.92	2.375	10,000
5	11.5-15	4.408-4.560	4.250	1.92	2.375	10,000
	15-18	4.250-4.408	4.125			
5.1/2	20-23	4.625-4.778	4.500	2.36	2.875	10,000
	15.5-20	4.778-4.950	4.641			
	13-15.5	4.950-5.044	4.781			
7	32-35	6.004-6.094	5.812	2.37	3.500	10,000
	26-29	6.184-6.276	5.968			
	20-26	6.276-6.456	6.078			
	17-20	6.456-6.538	6.266			