

# HYDRA RAPTOR

## STRADDLE PACKER

### DESCRIPTION

Hydra Raptor is a flow-activated hydraulic straddle packer system for efficient well stimulation. It activates and deactivates automatically based on fluid flow rate, delivering reliable sealing and operational efficiency.

#### Activation Mechanism:

The system uses differential pressure: increasing flow rate activates the packers for a secure seal; decreasing flow deactivates them without manual intervention.

#### Customizable Control

Install calibrated nozzles in the circulation port to set precise differential pressure, maintaining packer activation at targeted flow rates for optimal flexibility.

Rapid activation/deactivation for seamless acid fracturing fluid pumping.

Handles up to 10,000 psi on packers.

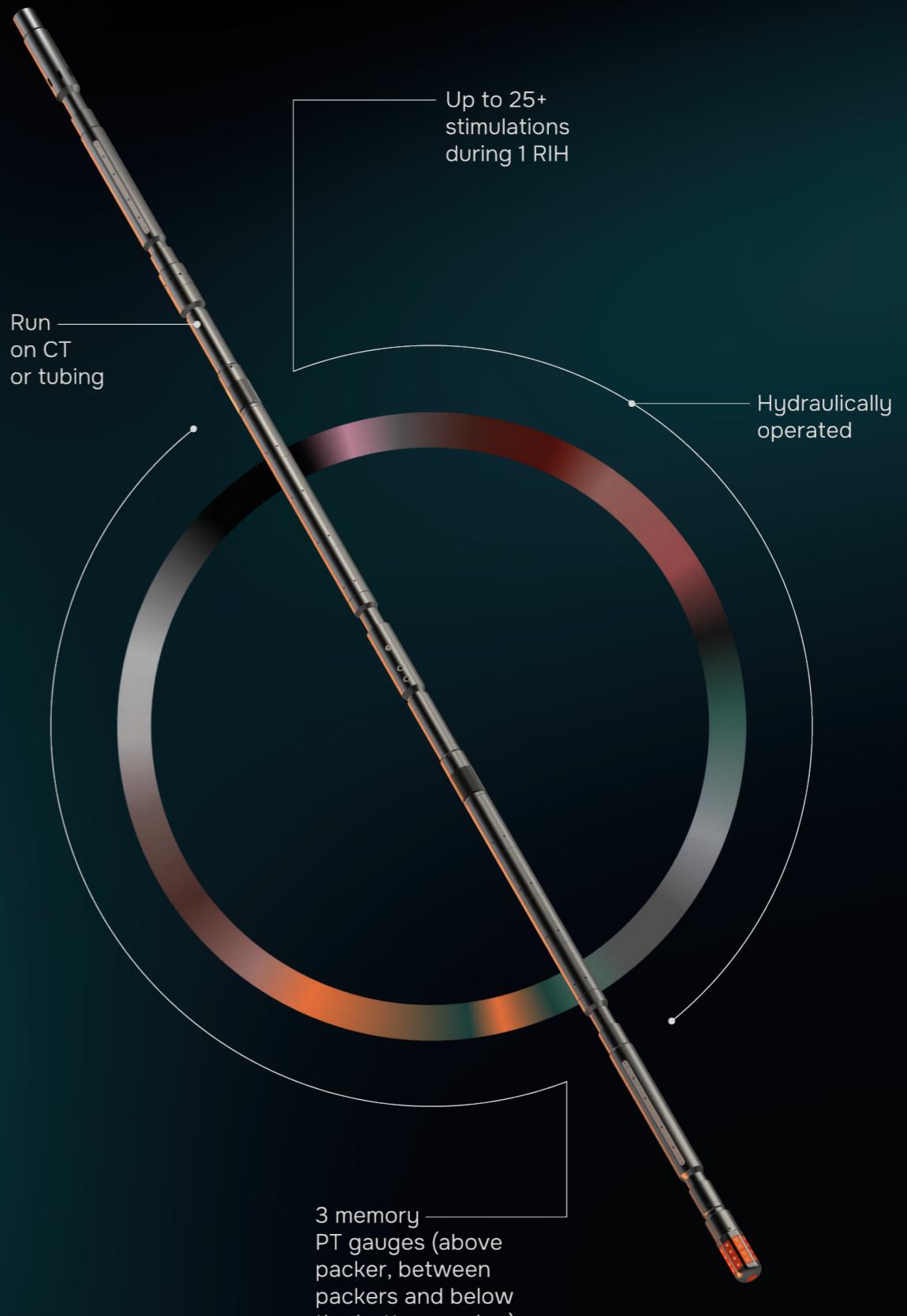
Suitable for open-hole and cased-hole environments with broad operating parameters.

System Components: upper packer, lower packer, circulation frac sub

These elements ensure efficient fluid circulation and effective stimulation across diverse wellbore conditions.

### FEATURES

- Designed to refrac jobs in cased wells, or Stimulation in Open-Hole applications
- Run on CT or tubing
- Optimized to Acid stimulation
- No need to apply axial force
- Multi-cycle hydraulic
- Small OD, reduces risk of damage to the packer when running and passing through drilled fracturing ball sleeves
- Up to 25+ stimulations during 1 RIH
- 3 memory PT gauges (above packer, between packers and below the bottom packer)
- Circulation during RIH and Annulus circulation when stuck



Min Working Diametr in - [mm]	Max Working Diametr in - [mm]	Packer OD in - [mm]	Packer ID in - [mm]	Pressure Rating Psi - [Bar]
3.6 - [91.5]	4.1 - [104.1]	3.4 - [86.4]	1 - [25.4]	10000 - [689]
5.625 [142.8]	6.25 [158.8]	5.5 - [139.7]	2.125 - [54]	6000 - [414]
5.875 [149.3]	6.25 [158.8]	5.75 - [146.1]	2.125 - [54]	10000 - [689]