

Hydra Rig™

Short Stroke Snubbing Unit



Customized for your specific snubbing operations

Our snubbing units have earned a worldwide reputation for high performance and versatility in the field. Our fast rig up is due to the lightweight, compact design and the elimination of the need to kill the well. The latest design innovations include the combination split spool four-way regeneration control valve for smoother, more precise unit control and 20,000 ft-lbs dual motor rotary. Units are available in the short stroke configuration to operate at any wellhead pressure or wellhead height.

Our snubbing units are designed to meet your snubbing and hydraulic workover requirements. Custom packages built to your specifications are available with a full line of auxiliary components such as work windows, up to 600,000 lbs capacity, high pressure circulating swivels up to 15,000 psi operating pressure and skid mounted mud pump packages. HRS 150 and HRS 225 units are available in helicopter transportable models for remote locations. DNV and BP200 certifications are available.

Data Performance	HRS 150	HRS 225	HRS 340	HRS 460	HRS 600
Max. Pulling Capacity	150,000	225,000	340,000	460,000	600,000
Max. Snubbing Capacity	66,000	120,000	188,000	220,000	260,000
Horsepower	230	305	305	280	380
Tubing OD Range	1 - 2 7/8"	1 - 5 1/2"	1 - 7 5/8"	1 - 8 5/8"	1 - 8 5/8"
Standard Rotary Torque	5,000 ft-lbs	5,000 ft-lbs	10,000 ft-lbs	10,000 ft-lbs	20,000 ft-lbs
Standard Stroke	10'	10'	10'	10'	14'

Features and benefits

- Longer stroke improves slip die life and improved cylinder design provides longer and leak-free operating life
- Quick pin/latch jack structure for faster, sturdier and safer rig up by reducing overall structure height
- Lightweight, high-strength gin pole for lighter, more efficient operation
- Slips with pressure and position interlocks prevent opening both slips at the same time, minimizing the risk of a dropped or blown-out tubing string
- Rotary with hydraulic swivel eliminates having to disconnect slip hoses while running the rotary, increasing efficiency and ROP
- Traveling pipe tongs eliminating swinging tong onto tool joint and pipe handling system from ground to basket increases safety and equipment efficiency, while reducing time and personnel
- BOP with ram position sensors to eliminate gas leaks to atmosphere and increase the life of ram packing
- Torque tube to transfer rotary torque to the wellhead and to remove the torque from the jack cylinders