



## Liquid Seal Hydraulic Stuffing Box

The **BDWS Liquid Seal Hydraulic Stuffing Box** is designed to seal and contain well pressure around stationery or moving wire during slickline operations. The Liquid Seal Hydraulic Stuffing Box is especially suitable for intervention work on high pressure wells where optimum toolstring weight is essential and on gas wells, where hydrate formation can result in conventional stuffing box 'freezing up' and when it is necessary to perform work when spillage is not allowed.

The wireline passes through the top packing in the Stuffing Box Body. The wireline will then pass through flow tubes and the blowout plug. For the compact type design, the flow tubes are replaced by the lower set of packings. The packing nut is then hydraulically activated sufficiently compressing the packing to minimize leakage around the wireline. A blowout plug is situated in the lower section of the body and in the event of wire failure the plug will move upward and automatically seal off well pressure to the surface.

The Liquid Seal Hydraulic Stuffing Box has a unique internal component that is designed to be environmentally friendly by reducing spillage to an obsolete minimum. Heavy oil can be injected between the Packings and the Flow Tubes. The injected oil will form another pressure barrier, and also function as lubricant to reduce wire/packing friction.

The Liquid Seal Hydraulic Stuffing Box is available with working pressure ratings from 5,000 psi to 20,000 psi; for Standard and H2S service.

The Hydraulic Stuffing Box may be operated hydraulically with any source capable of providing required pressure. Manual override is available in case of hydraulic failure (for Standard Type).

### FEATURES

- Manufactured from Alloy Steel.
- Various sizes of QUN available on request.
- Minimize spill
- Hydraulic Packing Nut
- Integral ball safety check (optional)
- Chemical Injection (optional)
- Part Number available upon request.

