



COMBI BOP



FEATURES

The 'Combi' BOP is designed to accept rams that combine the function of two rams. This can be either the combination of **Shear and Seal (blind)** or **Pipe and Slip**.

Combi BOP's are available as Single, double or any multiple configuration. The most obvious benefit is the reduced height and weight of a Combi BOP.

MANUAL LOCKING ACTUATORS

Each ram actuator is equipped with a manually operated, non rising stem, which is protected from dirt, corrosion and damage. They allow closing the rams in the event of a hydraulic failure; or to lock the rams after they are hydraulically closed. Hydraulics must be re-established and used to reopen the rams.

EQUALIZING VALVES

Combi BOP is fitted with equalizing valve to prevent seal damage when opening the Shear Seal or Pipe Slip Rams with differential pressure. Equalizing valves are integral within the body of the BOP

MATERIALS

Designed and manufactured to applicable API and NACE specifications.