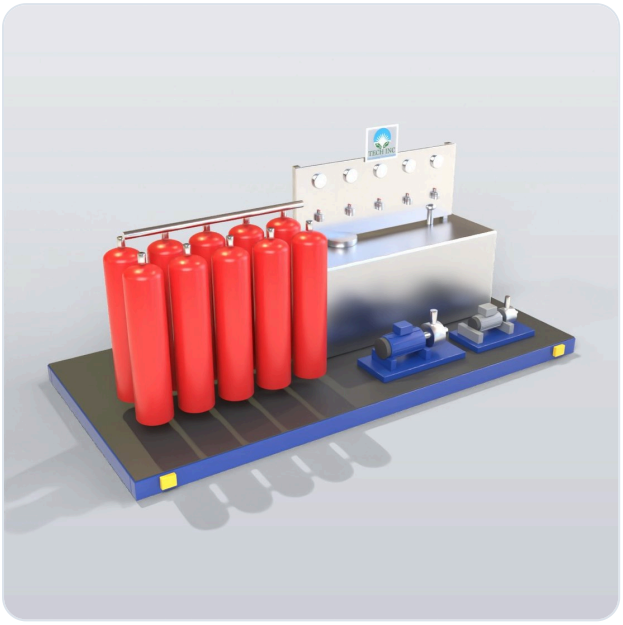
PRODUCT DATASHEET

BOP Control and Accumulator Unit

Accumulator unit for BOPs, choke and kill valves





DETAIL – ACCUMULATOR BOTTLES

OVERVIEW

The Tech Inc. BOP Control and Accumulator Unit is a hydraulic unit that stores energy in accumulators and uses it to operate blowout preventers and choke and kill valves on drilling and workover rigs. The stored energy closes the BOP functions without waiting for the pumps, and electric and air-driven pumps give two independent ways to recharge.

MODELS AND CONFIGURATIONS

- **Surface BOP control (accumulator) unit** – the main unit with accumulators, pumps and control manifold for the BOP stack.
- **Remote driller's control panel** – operates the BOP functions from the driller's position.
- **Choke control panel** – remote operation of the choke during well-control operations.
- **Diverter control panel** – operates the diverter and its associated valves.

TYPICAL DESIGN DATA

Accumulator working pressure	Typically 3,000 psi, or to client specification
Control manifold pressure	Up to 5,000 psi, or to client specification
Design code	Designed to API 16D or client specification
Accumulator capacity	Sized to the closing volumes of the BOP stack, choke and kill valves served, or to client specification
Pump drives	Electric and air-driven, sized to the duty, or to client specification
Remote panels	Driller's, choke and diverter panels located to the rig layout, or to client specification

APPLICATIONS

Land drilling rigs, workover rigs and well-intervention units.

KEY ADVANTAGES

- **Stored energy for well control** – accumulators close the BOP functions without waiting for the pumps
- **Two ways to recharge** – electric and air-driven pumps keep the accumulators charged
- **Control from a safe position** – remote driller's, choke and diverter panels
- **Matched to your stack** – accumulator capacity and pumps sized to the functions served
- **Tested before dispatch** – pressure and function testing at FAT, witnessed by the client or a third-party inspector

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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