

Type 80™ BOP Control Systems

Offshore + Deepwater Applications

AXON's Type 80™ BOP Control Systems provide the reliability and control required for demanding offshore applications, including:

- jack-ups,
- tender assist rigs,
- platforms, and
- piloted control systems up to 5,000 feet direct hydraulic.

The systems are available in standard or custom designs, with a choice of pumping systems. Utilizing touchscreen or pushbutton control panels and classified for hazardous-area use, these systems feature ease of operation. In addition, AXON's use of proprietary TR™ regulators add to the overall reliability of these systems.



PRODUCT LINES

Types

- Multiplex HPU
- Piloted HPU
- Acoustic Pod
- Multiplex Pod
- Piloted Hose-down Riser Pod
- Piloted Hose-down Wireline Pod

Auxiliary Equipment

- Reels: Cable, Hotline, Piloted Hose, Riser Fill Valve
- Diverter Control Panel
- Remote Panel: Air, Electric, Touch Screen
- Central Control Unit (CCU): Full and Mini Sizes
- Power Distribution Panel (PDP)
- Dead Man Auto Shear System (DMAS): Multiplex or Piloted
- Riser Fill Valve (RFV) System
- Uninterruptable Power Supply (UPS): Emergency Battery Power Pack, Multiplex UPS
- TR™ Regulators
- SPM Valves
- Accumulator Systems: Auxiliary Rack, Diverter, HPU, Subsea

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FEATURES / BENEFITS

Equipment

- Both custom and standard designs are manufactured in accordance with API 16D
- Modular design of control system utilizing choice of material: stainless steel, carbon steel with electroless nickel plating, corrosion resistant alloys and custom material
- System designed to operate in the event of the solenoid and pressure switch enclosures water ingress
- Superior filtration utilizing Absolute Micron filters
- Low power requirements: 300 watts per control pod
- Choice of pump systems
- Choice of accumulators: standard service, water service, 11 gallon to 90 gallon
- Pulse testing of systems during operations
- Lockable cylinder
- Proprietary SPM valves, TR™ regulators and packer seals
- Dual load sharing power supplies
- Batch type mixing systems
- PBOF cabling system along with all connections with test ports
- Touchscreen controls, pushbutton control panels, division 1 panels, division 2 panels
- On-screen diagnostics
- All software is designed and tested in-house; all systems can be executed online in our lab for diagnostics and troubleshooting
- Mini-pods for jack-up and surface BOP stacks using large bore BOPs with high volume requirements

Aftermarket Services

Aftermarket is not an Afterthought™ differentiates AXON. Our focus is to provide you with high-quality products that perform, as well as ensure you receive continued customer satisfaction through our aftermarket training, repair, refurbishment and servicing.

AXON is dedicated to providing you with an exceptional aftermarket experience in regards to both products and services. With global locations in 8 countries and over 120 years of offshore aftermarket experience, we are prepared to provide the quick response, superior know-how, and true sensitivity to your schedule that you demand. For instance, we can provide equipment upgrades both in the field and in our facilities and we maintain a large inventory of the most requested parts to minimize downtime on your site.

Moreover, we can provide you with package solutions through our expansive product line within AXON's six product groups: Pressure Products, Well Intervention Products, Drilling Products, Rig Concept and Design, Downhole Products and Tubular Products.

