



Products and Services Overview

In the world of onshore, offshore, and subsea drilling and production, there's a lot to be said for working with the leader. Because when you work with Cameron, all the benefits of our leadership translate into distinct advantages for you.

Cameron's experience spans decades, earning us a reputation our customers can rely on. With a history of unsurpassed quality and reliability, along with proven brands, no other provider gives you the peace of mind Cameron can. Equally recognized for innovation, Cameron has a long tradition of firsts — firsts that have put our customers at the forefront by answering their challenges with real, cost-effective solutions — all of which have become industry standards. A few examples: the first BOP; the first guidelineless drilling system; the first horizontal tree, SpoolTree™; FLS™ gate valves up to 11" and up to 20,000 psi; the world's first and only all-electric DC subsea production system, CameronDC™.

Cameron is continuously raising customer performance through a global manufacturing, sales and service network, market leadership, and solid execution.

WORLDWIDE FACILITIES

Cameron has worldwide manufacturing, sales and service facilities geared to meet the needs of customers in the area. Go to our website to find a Cameron location near you.

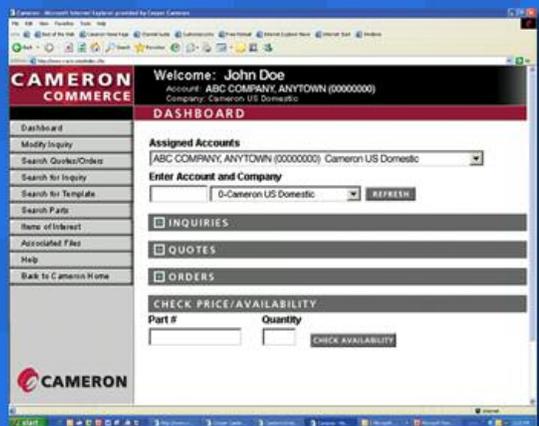
CAMSERV AFTERMARKET SERVICES

Through CAMSERV™ Aftermarket Services, you have access to the industry's largest network: 65 centers for world-class assistance around the globe and around the clock, with services from comprehensive to custom that save you CAPEX and OPEX dollars. From repair, replacement and remanufacturing to inventory optimization, our aftermarket program is tailored to fit your needs.

TRANSACT

Through our robust website and powerful TRANSACT application, you can take advantage of our technical library, training materials and project management information. The Cameron Commerce function of TRANSACT offers an online, 24/7 purchasing tool for quality Cameron equipment.

Specify a system. Create an inquiry. Track an order. Buy a replacement part. Obtain a budget quote. Check inventory status. All available online.



Whether it is products, services, support or technology — Cameron is committed to being the leader. When you choose Cameron, you can be confident knowing you are getting the full benefit of Cameron-quality expertise — from a single product to an entire system.

But a leader never stands still. Beyond experience and innovation, Cameron continues to work aggressively to give you the largest, most diverse mix of systems and support in the industry today.

DRILLING SYSTEMS

From the world's first BOP to today's lightweight BOPs, Cameron has a reputation for providing the most reliable drilling systems in the industry. In fact, there are more Cameron BOPs in the field today than any other brand; however, we don't stop there. We provide the industry with high performance elastomers, a full line of drilling connectors, riser systems, control systems, and choke manifold systems, just to name a few.

www.c-a-m.com/drillingsystems

SURFACE SYSTEMS

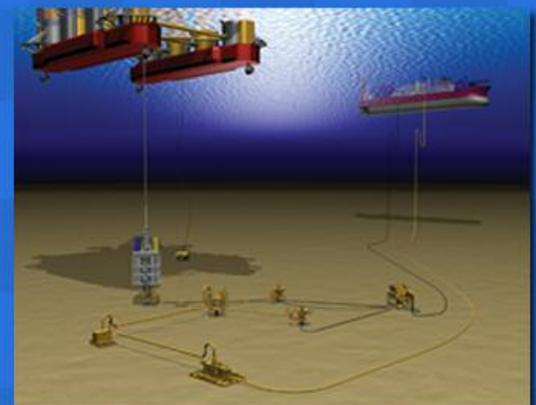
Cameron surface systems have been developed to answer the needs of the industry. With a global network of facilities, we provide products and systems to meet your needs. From conventional low-pressure wellhead systems to HP/HT wellheads and Christmas trees to dry completion systems, all are designed to add value, save time and reduce operating expenses. www.c-a-m.com/surfacesystems

SUBSEA SYSTEMS

Not only does Cameron provide the most technologically advanced subsea production equipment, we also offer comprehensive systems solutions. Through our systems approach to engineering and problem solving, you can be confident knowing you're getting the full benefit of Cameron-quality expertise. Single products to entire systems, our offering includes Christmas trees, flowline connection systems, manifolds, control systems, and wellhead systems. www.c-a-m.com/subseasystems

FLOW CONTROL

Whether for drilling or production, surface or subsea, Cameron designs and manufactures precision chokes and actuators to exacting specifications. Products are offered to fit your needs, from chokes to MOVs, valve actuators to safety systems. With a focused expertise on flow control technology, Cameron meets the demands of the most complex applications. www.c-a-m.com/flowcontrol



DRILLING & PRODUCTION SYSTEMS

Cameron pioneered the drilling pressure control market more than 80 years ago. Today, Cameron utilizes that experience as a global supplier of integrated drilling systems for land, offshore platform and subsea applications.

For surface applications, Cameron offers a definite advantage in the supply of complete drilling systems—from the BOP to the control system, the manifold to the wellhead.

In subsea applications, Cameron is the premier supplier of integrated subsea drilling systems designed specifically to tackle the demands of deepwater, high-pressure applications including BOP stack systems, control systems, riser systems, and choke systems.

For drillships, semisubmersibles, platforms and jackups, Cameron delivers complete drilling systems. These rigs have rated water depths from several hundred to more than 10,000 feet and operate at 5000 to 15,000 psi working pressure.

RAM-TYPE AND ANNULAR BOPS

Cameron BOPs are legendary. From the industry leading U™ BOP to the latest generation TL™ BOP, the Cameron name is synonymous with superior performance. As technology and the needs of the drilling industry change, Cameron's responding by developing new ram-type BOP designs, such as the TL BOP for deepwater subsea applications. Cameron's performance continues to be proven through proprietary products like Bi-Directional Rams and Variable Bore Rams (VBR).

COLLET CONNECTORS

As drilling depths have increased over the years, Cameron collet connectors have evolved to address issues concerning higher internal and external pressures, ever-increasing applied bending and tension loads, and extreme operating conditions.

RISER SYSTEMS

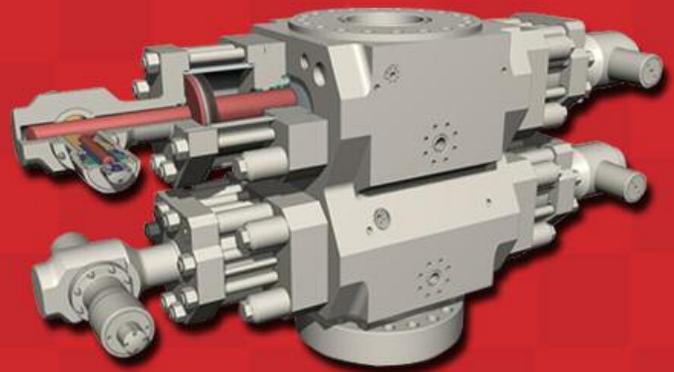
For subsea applications, Cameron offers a full line of riser systems. The Cameron LoadKing™ and RF™ Riser systems meet the rigorous demands of today's deepwater drilling. Both systems accommodate high tension loads through load-sharing and provide for multiple control lines.

CONTROL SYSTEMS

Cameron offers a range of drilling controls systems from simple hydraulic to MoRPH™ to electro-hydraulic multiplex. In addition, Cameron is a leader in the supply of emergency disconnect systems.

CHOKE MANIFOLD SYSTEMS

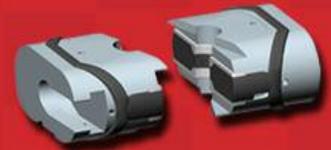
Cameron also provides manifold systems for many drilling rigs. We provide complete systems from the surface panels to the chokes, valves, actuators, and pressure transmitters.



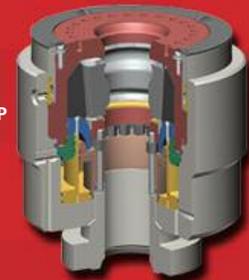
TL™ Blowout Preventer



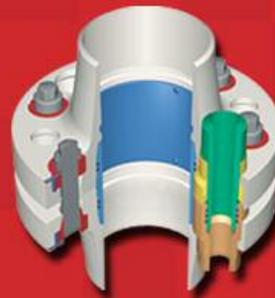
VBR™ Ram Packer



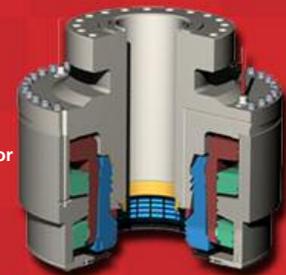
Bi-Directional Ram



DL™ Annular BOP



LoadKing™ Riser Connector



C-Pro™ Connector



MUX Control Pod

When it comes to surface systems, Cameron offers all the advantages of working with the global market leader. Not only do we have the largest installed base of equipment in the industry, we back it with the largest number of support facilities in every major production region around the world.

At Cameron, you are always assured of the most innovative approach to solving any technological challenge. For example, Cameron's SSMC™ and Time Saver™ Wellhead. These wellheads focus on three key issues—reduced costs, compact design, and improved safety.

Every Cameron system incorporates Cameron-quality components including wellheads, Christmas trees, actuators, chokes, and controls. All are available with trims ranging from low pressure/low temperature to extreme high pressure/high temperature.

WELLHEAD SYSTEMS

Cameron surface wellhead systems meet a wide variety of applications including conventional, compact, multi-bowl, dry completion, metal seal, HP/HT, and many others.

From simple spool-type wellheads to systems like the Conductor Sharing Wellhead (CSW™), where multiple completions are installed in one conductor—Cameron brings a level of technology to surface wellhead systems no other company can match.

DRY COMPLETION SYSTEMS

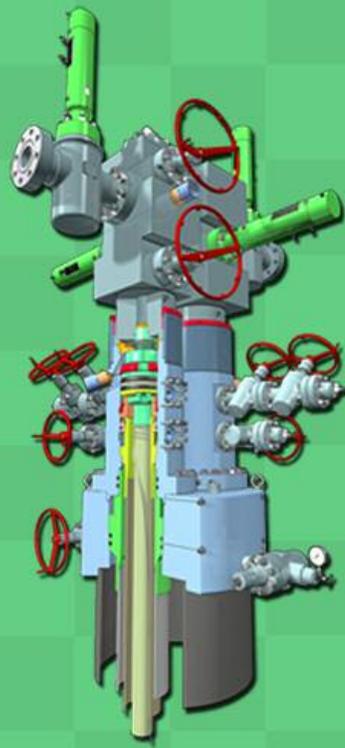
Drilling or production, surface or subsea, Cameron offers a range of products to meet the requirements of spar, TLP and other dry applications. Cameron also offers a variety of products from the subsea wellhead to the drilling/production system on the platform.

GATE VALVES AND ACTUATORS

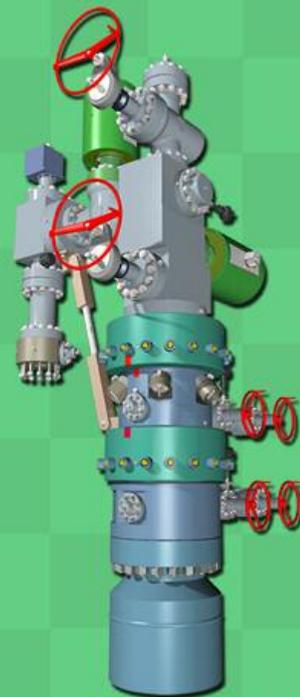
With bore sizes from 11" to 1-13/16", and working pressures from 2000 psi to 20,000 psi, the Cameron FLS™ family of gate valves is the most comprehensive line of API gate valves in the industry. Couple this with the Saf-T-Gard® line of pneumatic piston, pneumatic diaphragm, hydraulic and wireline cutting actuators, and you have a wide range of flexibility based on years of proven success.

CHOKES AND ACTUATORS

Cameron surface production chokes and actuators are used in Cameron surface systems to provide precise flow control. Cameron offers needle and seat chokes, MOVs and control chokes along with a full line of choke actuators.



CSW Wellhead



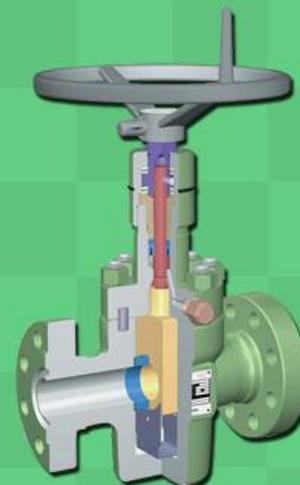
TLP or Spar Wellhead Systems



SSMC Compact Wellhead



Time Saver Wellhead



FLS Gate Valve

As the quest for subsea oil and gas reaches farther and deeper, concerns about reliability, availability, and maintainability are greater than ever. More than ever, Cameron is positioned to deliver dependable, cost-effective systems as no other supplier can.

From our innovation and experience, you'll get Cameron quality—from project concept through completion.

Cameron's product line takes field-proven components and provides flexible modularity to create nearly endless system combinations with field-proven, reliable, and economical subsea equipment. This Cameron-exclusive approach allows producers to specify pre-engineered components with application-specific features.

CHRISTMAS TREES

Cameron offers customers the widest variety of Christmas tree systems in the industry today. First there is the dual bore Christmas tree—an industry favorite for decades; the SpoolTree™ Production System—introduced by Cameron a decade ago; and the latest addition, the CameronDC™ Production System—the world's first DC powered subsea production system.

FLOWLINE CONNECTION SYSTEMS

Cameron offers a variety of ways to interconnect subsea systems—vertical, horizontal and hinge-over. For example, the highly successful Cameron Vertical Connection (CVC™) System has been used in more than 1000 subsea connections and is growing in popularity for a variety of subsea applications.

MANIFOLDS

As part of Cameron's total subsea package offering, a variety of manifold designs are available including template manifolds, cluster manifolds, and pipeline end manifolds (PLEMs). To date, Cameron has successfully installed manifolds in varying water depths and in operating pressures up to and including 15,000 psi.

CONTROL SYSTEMS

The CAMTROL® Production Control System features an integrated approach and component-level modularity to provide unequalled advantages in uptime availability, flexibility and expandability. Integral to the system are compact retrievable subsea control modules and a wide variety of intervention options.

WELLHEAD SYSTEMS

Versatility describes the Cameron line of wellhead systems. The popular STC™ and STM™ wellheads offer choices of 5000, 10,000, and 15,000 psi working pressures; metal-to-metal or metal end-cap seals; five or six string programs; and a variety of casing programs.

CameronDC System



Cluster Manifold



Subsea Control Module



CVC System



SUBSEA SYSTEMS

Cameron is the technological leader in the design and manufacture of drilling and production chokes for surface and subsea applications. Supplying a full compliment of choke systems to meet the requirements of the most complex applications, Cameron choke products include needle and seat chokes, MOVs, control chokes and a full range of valve actuators.

NEEDLE AND SEAT CHOKES

The Cameron H2 and H2I chokes are well-known for rugged dependability in controlling flow in surface applications. These popular chokes are available in a wide range of sizes and in trims to meet the toughest environments.

MOVS

Cameron Multiple Orifice Valves (MOVs) use precision engineered rotating discs to control the flow in surface wellhead, manifold, separator, letdown waterflood, CO₂ and gas lift applications.

CONTROL CHOKES

Cameron Control Chokes are used worldwide to control the flow of oil and gas in Christmas trees, line heaters, manifolds, and water injection and gas lift applications. They can be supplied with plug and cage, external sleeve or multi-stage trims, and are ideally suited for single- or multi-phase liquid and gas production service. For subsea applications, options include non-retrievable and retrievable insert chokes. Cameron has recently launched the world's most compact retrievable insert subsea choke — 35% smaller and 45% lighter than others on the market. A Fast Acting Module can also be supplied with retrievable insert subsea chokes to achieve open/close times of less than thirty (30) seconds.

DRILLING CHOKES

Cameron offers drilling chokes for use in applications from 5000 to 20,000 psi. These rugged chokes are suitable for drilling or well clean-up applications.

VALVE ACTUATORS

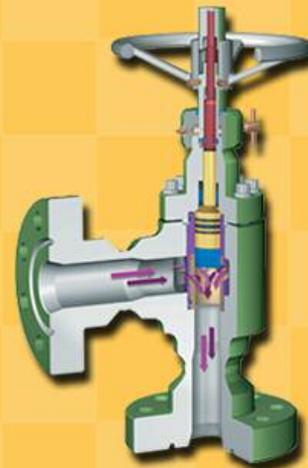
Saf-T-Gard actuators are used on the full line of Cameron gate valves in wellhead and pipeline applications. Pneumatic piston, diaphragm, hydraulic and electric operating designs can all be supplied with wireline cutting capability. Ledeem™ valve actuators and controls are predominantly used for on/off or modulating control of oil and gas pipeline valves. Available for on-shore, off-shore, and subsea applications, these actuators provide a wide range of output torque or thrust to coincide with specific valve operational requirements.

SURFACE SAFETY SYSTEMS

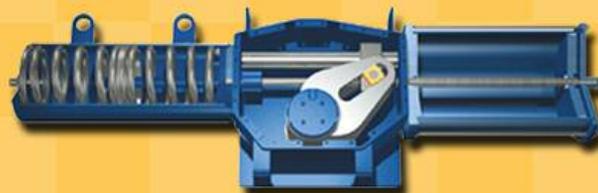
Cameron Safety Control Systems are available to operate single or multi-well installations and can be designed to meet any requirement. From basic loop systems to fully enclosed panels, they are operable in any environment. Offering fully pneumatic systems, hydro-pneumatic systems, fully hydraulic systems, and electrical-based systems, Cameron provides for most safety system applications.



Subsea Compact Retrievable-Insert Choke



CC30 Control Choke



Ledeem Quarter-Turn Pneumatic Actuator



Fast Acting Module



Saf-T-Gard MH Series Actuator



SCMS Self-Contained Control System

FLOW CONTROL

DRILLING & PRODUCTION SYSTEMS

PO Box 1212
Houston, Texas 77251-1212
USA
Tel 1-713-939-2211
Fax 1-713-939-2620

5 Mondial Way
Harlington
Hayes UB3 5AR
England
Tel 44-208-990-1800
Fax 44-208-990-1888

No. 2 Gul Circle, Jurong Industrial Est
Singapore 629560
Singapore
Tel 65-6861-3355
Fax 65-6415-1198

www.c-a-m.com



HSE Policy Statement

At Cameron, we are committed ethically, financially and personally to a working environment where no one gets hurt, nothing gets harmed.