



Offshore Compression Packages

■ OFFSHORE COMPRESSION PACKAGES

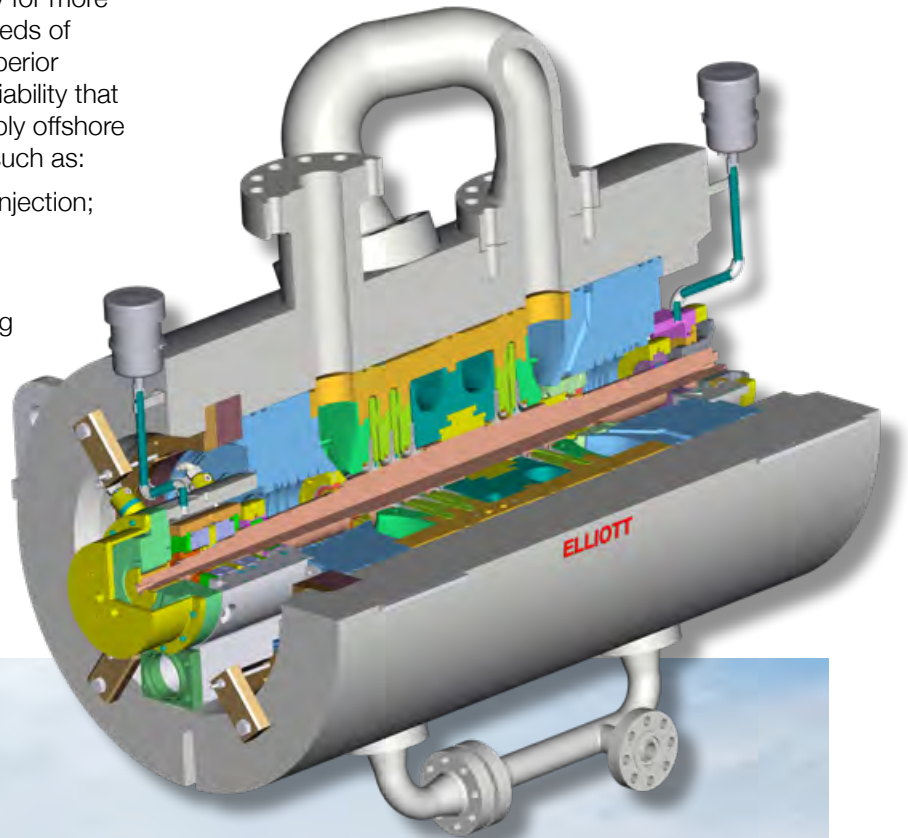
Elliott Group designs and packages gas turbine driven compressor modules specifically for the demanding offshore production environment. Elliott appreciates the challenges of offshore production. Safety is always paramount, and operational impact on the environment must be scrupulously monitored and minimized. Production equipment must be optimized for high availability, reliability, and ease of installation, operation and maintenance.

As a supplier of technically advanced centrifugal compressors and related turbomachinery for more than a century, Elliott has provided hundreds of compressor systems that provide the superior performance, flexibility, availability and reliability that oil and gas producers demand. We supply offshore compression packages for applications such as:

- ◆ Enhanced oil recovery – Gas lift and reinjection; CO₂ injection & recycle
- ◆ Gas / oil separation
- ◆ Gas gathering, processing and boosting
- ◆ Export gas

■ HIGH PRESSURE, HIGH DENSITY COMPRESSION

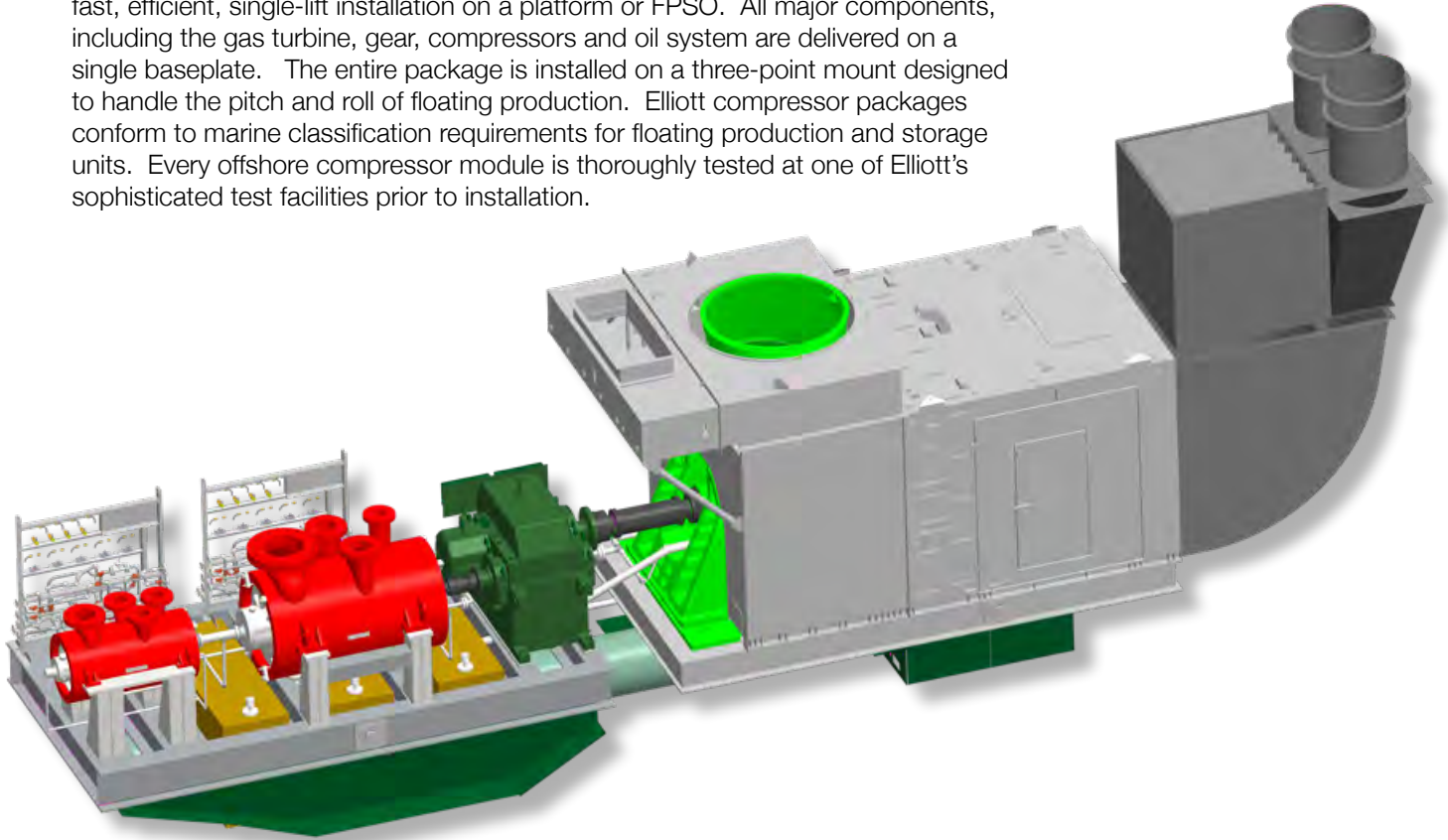
Elliott's large installed base of compressors in high-pressure service includes the first ground-breaking centrifugal compressors in operation in the North Sea for extreme high-pressure (9200 psig, 634 barg) gas reinjection. Elliott's proven EDGE compressor technology and our expertise with diverse gas properties at high pressures ensures robust, reliable compression solutions for these difficult services.



■ FLEXIBLE TURBINE / COMPRESSOR PACKAGES

Elliott standardized offshore compression packages designs offer producers their choice of gas turbine drivers from leading manufacturers, based on customer preferences and site specifications. Elliott works with the leading engineers and designers of deepwater and offshore production facilities to ensure that each offshore compressor module is precisely tailored to the topside landscape.

Elliott's compact, lightweight offshore compressor packages are designed for fast, efficient, single-lift installation on a platform or FPSO. All major components, including the gas turbine, gear, compressors and oil system are delivered on a single baseplate. The entire package is installed on a three-point mount designed to handle the pitch and roll of floating production. Elliott compressor packages conform to marine classification requirements for floating production and storage units. Every offshore compressor module is thoroughly tested at one of Elliott's sophisticated test facilities prior to installation.



■ SERVICE

Elliott's responsive Global Service network supports turbomachinery from any manufacturer, offshore and onshore. Our first priority is always safety. On-site project managers and technicians are thoroughly trained to coordinate their activities with other production and maintenance operations. Certified Elliott service centres throughout the world quickly and expertly repair, remanufacture and reengineer every type of rotating and stationary component. As oil and gas fields are depleted, operating conditions and gas composition change. Elliott Engineered Solutions cost-effectively rerates critical rotating equipment from any manufacturer to extend service life and enable producers to maximize the return on their capital investment.





Elliott Group is a global leader in the design, manufacture, and service of technically advanced centrifugal compressors, steam turbines, power recovery expanders, cryogenic pumps and expanders, and axial compressors used in the petrochemical, refining, oil & gas, liquefied gas, and process industries, as well as in power applications.

Elliott Group is a wholly owned subsidiary of Ebara Corporation, a major industrial conglomerate headquartered in Tokyo, Japan.



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T H E W O R L D T U R N S T O E L L I O T T



COMPRESSORS ■ TURBINES ■ CRYODYNAMICS ■ GLOBAL SERVICE