

NEWS RELEASE

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SUBJECT: **ELLIOTT'S 140TCH COMPRESSOR DESIGNED FOR LOW EMISSION PIPELINE GAS TRANSPORT**

Jeannette, PA – April 27, 2022 – Elliott Group has introduced a compressor designed for current and future low carbon natural gas pipeline transmission networks including hydrogen blends. The 140TCH Pipeline Compressor is available as an electric-driven solution, targeting new and replacement pipeline stations with strict NOx and CO2 emissions requirements. The advanced 140TCH design represents Elliott's commitment to sustainability in response to evolving environmental concerns and increasingly complex restrictive emissions regulations. The compressor package incorporates a 140TCH centrifugal compressor with a direct-coupled, high-speed induction motor powered by a variable frequency drive (VFD) connected via standard flexible coupling. A standard gear-driven solution is also available.

“In the United States, the natural gas situation has changed drastically with the development of local shale gas production and a subsequent focus on curtailing emissions. For these projects, the electric-driven motor solution is optimal. In Europe, the increasing need to import natural gas translates into a need to change the gas transportation and distribution network, and electric-driven compressors are accepted as a low emission alternative to gas turbines,” said Product Introduction Manager Todd Omatick.

Compressors play an integral role in maintaining pressure and flow as natural gas travels through the pipelines from production, processing, and storage sites to end users. Elliott's 140TCH Pipeline Compressor comes with a direct connect, variable speed (VFD) motor and a standard footprint with custom aerodynamics for optimum efficiency and extended operating time between scheduled overhauls. The gearless configuration

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of this compressor package provides a number of advantages, including a smaller footprint, reduced lube oil requirements, and higher net efficiency. The pipeline compressor's single-lift plug & play design includes auxiliaries (lube oil, buffer gas panel, and integrated, customized controls), and piping and wiring are included on the skid for easy and quick installation with less site work. It is available seamlessly for 10 to 35 MW applications. In addition, easy access to compressor internals contributes to lower maintenance costs.

About Elliott Group

Elliott Group designs, manufactures, and services technically advanced centrifugal and axial compressors, steam turbines, power recovery expanders, and cryogenic pumps and expanders used in the petrochemical, refining, oil & gas, and liquefied gas industries, as well as in power applications. The company employs 2600 people in 30 locations around the world. Elliott Group is a wholly owned subsidiary of Ebara Corporation, a major industrial conglomerate headquartered in Tokyo, Japan. Ebara employs 16,000 people and has sales of US \$4.5 billion.

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