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ELLIOTT GROUP RELEASES CO₂ COMPRESSOR/PUMP SOLUTION

Jeannette, PA – Elliott Group, a leader in the engineering and manufacturing of rotating equipment, announced today the release of their new CO₂Phase Hybrid Compressor Pump Solution. Elliott has combined their proven expertise and extensive experience in CO₂ compression and pump technology to develop a solution that addresses the handling of high pressure CO₂. This compressor/pump design is equipped to handle any project and/or equipment related to CO₂ compression needs from atmospheric pressure to typical piping pressure of around 2200 PSI and higher for sequestration requirements.

While each package configuration may vary slightly based on the customer's specific conditions or needs, a typical CO₂Phase compressor package would include the compressor, pump, motor(s), gear, lube system, and buffer or seal system. Configurations are available with a double ISO-cooled compressor with a pump and two motors.

“Elliott's CO₂Phase Hybrid Compressor Pump Solution is proven, 'ready now' technology that addresses the CO₂ compression market. The technology allows for compression of CO₂ from near atmospheric pressure to supercritical pressures followed by efficiently pumping the CO₂ to the final required pressure. It is ideal for CO₂ pipelines or CO₂ sequestration,” said Todd Omatick, Elliott's New Product Introduction Manager.

Using both compressor and pump technology, this highly efficient CO₂ compression system can optimize equipment and minimize operating costs.

MORE



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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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