The number 1 provider of gas compression solutions for Nigeria
EGSTech Nigeria
Uniting over a century of experience in compression and power generator solutions Euro Gas Systems and Scantech Offshore Nigeria have strategically formed an alliance to deliver its first phase expansions, named EGSTech Nigeria. Providing local aftermarket services from our Port Harcourt facility we provide packaged gas compressors ranging from 100kW to 3.5MW in both electric and gas engine drivers. Our solutions are infinitely scalable in a range of flows and pressures to meet your gas compressor needs delivered locally to your doorstep.

Together we provide pioneering, safe and trusted solutions to complex problems in harsh environments to create a sustainable future.

ScanTech Offshore Nigeria is the leading provider of well testing support services for the global oil and gas industry delivering air compressors, steam generators, rig-cooling equipment, safety enhancing products and personnel services globally. A registered trading brand of James Fisher Nigeria Ltd and duly certified by the department of petroleum resources to operate within the oil and gas industry the company has been operating in Nigeria for 15 years. Affiliate and technical partner James Fisher & Sons plc registered on the UK stock exchange operates in 40 countries employing more than 2000 people.

Euro Gas Systems (EGS) is the leading packager of gas compressors for the global energy industries delivering world-class packaged gas compressors, air-cooled heat exchangers and support services on all continents. EGS is an official packager and authorised distributor of gas compressors for world-renowned manufactures Ariel Corporation, GEA Grasso and Howden, holding OEM status with reciprocating engine manufacturers Waukesha and Caterpillar. Located in Romania EGS delivers to the European, Middle East, African and CIS markets.
Packaged Gas Compressors

Our mission at EGSTech is to deliver the right compressor package with local aftermarket services tailored to your exact needs. We supply world-class compression services to the Nigerian market at exceedingly good value for money. Understanding the complexity of unique projects, we consider the flexibility required when designing and manufacturing all pressure vessels (separators, pulsations vessels, filters, etc.), structural steel skids and process systems. Our team of in-house engineers tailor cost effective solutions in-line with our customers' requirements. Ranging from 100kW to 3.5MW, infinitely scalable, all available with operating and maintenance services we have a solution to meet your needs.

Applications:

Upstream
- Wellhead Compression
- Enhanced Oil Recovery
- Natural Gas Gathering
- Air and Nitrogen Injection
- Landfill

Midstream
- Pipeline Transmission
- Gas Storage Injection
- Withdrawal

Downstream
- Compressed Natural Gas (CNG)

SIEMENS
Ingenuity for life
Designed for a 20+-year period of continuous usage CNG compressors supplied by EGSTech deliver lowest overall lifetime cost. Ariel has become the world’s leading supplier of gas compressors with an estimated 70% market share.

In an industry where downtime runs into billions of Naira, can you afford not to use the best?

In collaboration with the world’s leading provider of CNG tank trailer and automotive filling dispensers, EGSTech integrates fully automated technology with remote monitoring systems to provide pioneering, safe and trusted CNG plant solutions for the Nigerian virtual pipeline industry. Temperature compensated filling utilising a proprietary controller removes the need for closed loop, refrigerated gas cooling and associated water treatment plant. Our design approach reduces capital investment at project front end and minimises operating costs during project life cycle. From 3MMSCFD to 10MMSCFD, provision of gas compressors, filling dispensers, tank trailers to complete EPC facilities we have a solution for you.
Generators

EGSTech Nigeria – We can help you monetise flared gas by generating power which can be used to reduce your operating costs, create a new revenue stream and reduce your carbon footprint.

With a range of gas generators from 500kVA to 6MW+ in modular configuration for upscaling or downscaling, we can engineer and deliver bespoke solutions to match your individual needs and provide full turnkey solutions via local EPC partners with industry leading reliability and the highest safety standards.

Should you purchase and operate your own assets such as gas turbines or high horsepower gas engines there are several cost factors to consider; the cost of the capital outlay required including the financing, associated interest and depreciation costs. More importantly, the life cycle opex costs including preventative maintenance, breakdown repairs, and the large management bandwidth for managing the operation including QHSE, staffing, spares, logistics and training. We offer direct sale, long-term rental and lease purchase options providing you a range of capex and opex advantages for your consideration.

Our service is at your doorstep and we look forward to being of service to you.
The screw compressor principle delivers gases smoothly and continuously at constant pressure, free of surges, twenty-four hours a day, seven days a week, for years on end. It is the technology of choice in situations where high availability and reliability is required over long-term continual running. Ideally suited to applications with low suction pressures and high flows or low suction pressures and high compression ratios. It is the workhorse of a host of vital processes across the oil and gas, petrochemical and energy industries. Its ability to cope with the most hazardous and corrosive gases, and accept fluctuations in input composition while delivering a constant pressure output, makes it the invaluable core of a host of industrial operations.
EGSTech design and manufacture in house air cooled heat exchangers, ACHE, as both a component for our gas compression packages and as a stand along product. Manufactured to PED2014/68/EU (EN13445), ASME VIII div-1 and API1661 standards our ACHE are a robust quality product. ACHE are first choice solution for natural gas, oil and water cooling in oilfield applications. The finned tube design improves the heat exchange process making the technology appropriate for any type of environment, from low ambient temperatures to desert conditions. All coolers are designed and engineered-to-order, offering the most environmentally friendly solution.

Main Applications
- Process Gas Cooling (Natural Gas, Nitrogen etc.)
- Mineral or Synthetic Oil Cooling
- Process Water / Glycol Cooling
Steam Boilers

4.5 to 6.2MMbtu/Hr - Safe Area & Zone II

We stock onshore and offshore-containerised steam boilers with steam output up to 6.2 Million British thermal units, equivalent to 2500Kgs/hour or 1.8MW. The current units operate on diesel and can be mobilised at short notice with qualified operating personnel. For longer-term projects such as Early Production Facilities, Refinery and Industrial Process Steam requirements we have the ability to provide dual fuel burners to run on Diesel / Natural and Associated Petroleum Gas (flare gas). These bespoke products are available for direct sales, lease purchase or long-term rentals. Utilities required for these steam generators are potable water, fuel and (3) three phase electrical power in 50 or 60Hz frequencies.

Features & Benefits
- DNV 2.7-1 Container & Lifting - Worldwide acceptance
- High Capacity Integral Fuel & Feed Water Tanks
- Gas Detection for Methane
- Well Test ESD Connections
- Available in Zone II & Safe Area
EGSTech Nigeria
We understand the mantra that “a machine is only as good as the maintenance afforded it”! Equipment designed to provide a lifetime of reliability in excess of 98% requires regular servicing and planned preventative maintenance effort. Our support services include supervision during installation, start-up, commissioning, life cycle operations and maintenance plans.

Our service team consists of ex-pats and local technicians working in harmony to progress the skills delivered locally. We invest heavily ensuring our team undergoes continual training maintaining knowledge of the latest upgrades and service improvements. At EGSTech, we go the extra mile to ensure your total satisfaction of the products delivered.

Field Technical Services
Operating out of our Port Harcourt facility our team of trained engineers are able to provide a speedy response to your current and future servicing needs.

Quality Assurance

Together we provide pioneering, safe and trusted solutions to complex problems in harsh environments to create a sustainable future.
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