



COMPRESSOR SYSTEMS HOLLAND

SUSTAINABLE SOLUTIONS



COMPRESSOR SYSTEMS

- DESIGN
- CONSTRUCTION
- TESTING
- FIELD SERVICES
- SPARES & REPAIR



SUSTAINABLE SOLUTIONS

In-house created concepts used worldwide



Drawing on 30 years of experience, Compressor Systems Holland (CSH) is specialised in the integral design, engineering and construction of custom-built compressor, blower and pump packages, that meet the applicable codes and specifications.

Depending on the application, CSH is able to supply integral systems with various driver types, automation systems to specification and acoustic or winterization enclosures when required.

The CSH solution is built on a foundation of quality and durability to ensure maximum reliability and performance.



MARINE



INDUSTRY



BIOGAS



OFFSHORE



OIL & GAS

A PICK OF CSH APPLICATIONS

BIOGAS COMPRESSION

Oil injected screw and reciprocating compressor packages used for raw and upgraded biogas compression.

FIREFIGHTING/EMERGENCY COOLING

Skid mounted or containerized high flow water pumps either diesel, electric or hydraulic motor driven.

FUEL GAS BOOSTING

When a gas turbine or gas engine requires gas pressure above the available pipeline pressure a fuel gas booster is needed.

HIGH PRESSURE BOOSTING

High pressure nitrogen/air boosters up to 350 bars are deployed for purging and drying of pipelines. Other applications for high pressure boosters are for instance water well or geothermal drilling.

LIQUID TRANSFER

To transfer liquid from one vessel to another, one can use a gas compressor to move the vapor above the liquid.

MUD PUMPING

Hydraulic, diesel- or electric motor driven reciprocating pump packages are used to pump water and drilling mud on drilling installations.



NITROGEN AND AIR BOOSTING

Compressed air or nitrogen is used for inert purging gas or to power pneumatic equipment.

VAPOUR RECOVERY

After emptying a liquefied gas storage vessel, the residual vapour can be recovered by means of a combination of compression and cooling.

WELLHEAD GAS GATHERING

Depleted wells may still produce wellhead gas quantities that are worthwhile recovering. A so called wellhead gathering compressor is used to collect and pressurize the gas for injection into a medium or high pressure pipeline.



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The facilities including an 800 m² office and a 2100 m² workshop with 40 tons crane capacity allow CSH to build and handle structures up to 25 x 7 x 6 meters with assembled weights of up to 300 tons.



Fast and trouble free installation and commissioning are extremely important to all customers, therefore all CSH products are tested to the maximum possible extent prior to shipment. State of the art testing facilities including electrical power up to 1000 kW, compressed air, cooling water basin and a testing loop allow for complete string testing of almost all products.

