

Compressed-Air Skid Sets and Containerised Plant Rooms



HPC has solely represented the comprehensive KAESER range of quality, energy efficient air compressors and compressed-air equipment in the UK for over 40 years.

For those projects requiring a bespoke solution HPC can provide custom designed skid mounted and containerised compressed-air packages. Each system is designed to suit the application and specific site requirements with options available for DNV 2.7-1 packages and containers in 10, 20 and 40' lengths. For adverse climatic conditions packages can be thermally insulated with electric frost protection, air conditioned heaters and a control system on the air outlet ducts from the compressors. This provides re-entrainment of the warm air via a pneumatically or electrically actuated diverter system until a pre-set ambient temperature is attained.

Units can be provided with touch screen control panels and if remote monitoring / telemetry is required there is a range of communication and connectivity options available, including GSM, modem, local WiFi and Modbus.

HPC'S COMPRESSED-AIR SKID SETS AND CONTAINERISED PLANT ROOMS PROVIDE AN IDEAL SOLUTION FOR APPLICATIONS REQUIRING STAND ALONE PACKAGES OR ADDITIONAL TEMPORARY RESOURCES.



Compressed-Air Skid Sets

Skid mounted packages configurable to suit specific site requirements and space constraints. Packages can include a full compressed-air system including duty/standby compressors, air receivers, filtration, desiccant dryers and condensate treatment.

Each package is designed for the application and environments where they are to be deployed with frost and weather protection fitted as necessary. Materials and paint protection requirements are also tailored to minimise the potential for galvanic corrosion.

HPC skid sets are available with a range of control options using the Sigma Air Manager. Connectivity options include volt free contacts and Modbus TCP.



Instrument Air for Offshore Installation

10' DNV 2.7-1 standard cube thermally lined containers finished to an offshore paint specification. These units included receiver mounted run/standby HPC Kaeser SM 13 RM compressors with heatless desiccant dryer, oil/water separator with SCH 80 pipework. Class 150 ball valve and LV power/instrumentation cabling all in accordance with customer offshore requirements. Fitted with Permaberg single-stage moisture separator to achieve high-efficiency water droplet and aerosol removal at the air inlet and fixed-blade weather-louvers



Containerised Compressed Air System for Sponge Blasting

20' high cube full side access container with CSDX140T compressor, 2,000 litre vertical air receiver, filtration and oil water separator. With 2" galvanised pipework and fittings to BS EN 10255.



Skid Mounted Compressed-Air Module

Designed to provide 4.2 m³/min at 7 barg, for deployment to offshore installations, these units feature an HPC M43 compressor, which is driven via a 3 cylinder Kubota water-cooled diesel engine, mounted upon a sub-frame complete with anti-vibration mounts.

All components are mounted within a certified lifting frame incorporating 4 lifting eyes and fork lift pockets.

The unit also has a number of safety features including a Chalwyn overspeed valve, spark arrestor, battery isolator and 110V ESD (yellow alert system) as well as a stainless steel sound attenuated roof and panels.



All packages are produced in accordance with CE/UKCA requirements.



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