



Jacobi
THE CARBON COMPANY


Activated Carbon *for* Vapour Phase Adsorption



AIR TREATMENT PROCESS

ECOSORB®

The EcoSorb® range of activated carbon is manufactured from coal and coconut shell raw materials. EcoSorb® coal based activated carbons are supplied as both cylindrical extruded pellets and irregular shaped granules, whereas coconut shell products are available in granular form only. These materials are proven gas phase adsorbents which are used extensively in solvent recovery, air treatment and process gas purification.



Industrial process gas streams will often require purification to prevent the poisoning of down-stream catalysts or in order to meet specification requirements. Adsorption of organic contamination from the process gas takes place in deep packed bed columns of EcoSorb® activated carbon, designed to meet the required gas purity and adsorption cycle times. Desorption of the organic contaminants is often made by reducing the pressure of the system, or using a hot gas such as steam or nitrogen.

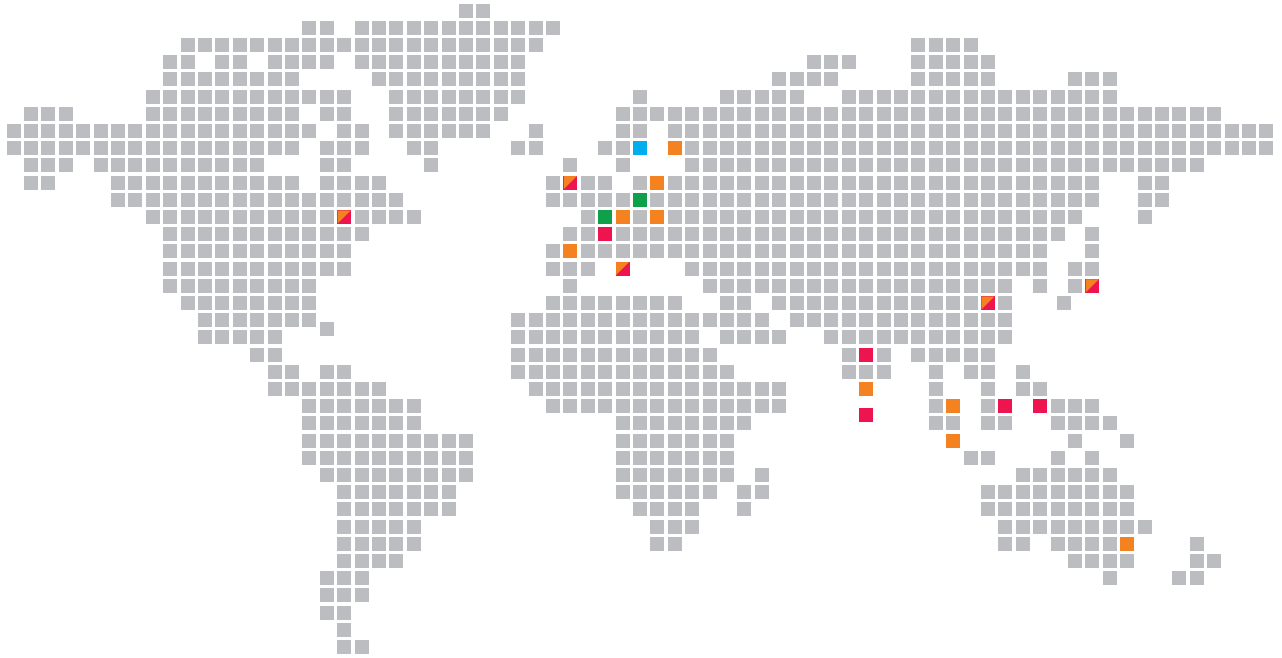
GAS PURIFICATION



Used throughout the automotive industry, EcoSorb® products from Jacobi Carbons have been demonstrated to be premium products for efficient removal of airborne pollutants. In addition, the EcoSorb® FX series of activated carbons are an intrinsic component in petrol-engined vehicles as part of the Evaporative Loss Control Device (ELCD). In the air treatment process the EcoSorb® activated carbon is packed into thin bed filters which can be constructed from perforated sheet metal or moulded plastic. These filters can take the shape of annular cylinders, flat panels or pleated cells that are fixed into filters housings.

JACOBI CARBONS HEAD OFFICE

Address: Slöjdaregatan 1, SE-393 53 Kalmar, Sweden.
Tel: +46 480 417550 | Fax: +46 480 417559 | E-mail: info@jacobi.net
Web: jacobi.net



MANUFACTURING PLANTS

China
France
India
Italy
Japan
Philippines
Sri Lanka
United Kingdom
United States
Vietnam



SALES OFFICES

Australia
China
Finland
France
Germany
India
Italy
Japan
Malaysia
Poland
Singapore
Spain
Switzerland
United Kingdom
United States



REACTIVATION PLANTS

France
Germany



CORPORATE HQ

Sweden



www.jacobi.net
