

Plastic Constructions & Installations

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scrubbers

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no time to waste

Belgium
Air Products - Sambreville
Ajinomoto Omnicem - Bouvignies-La Neuve
Ajinomoto Omnicem - Bellen
Ajinomoto Omnicem - Wetteren
Alcatel Microelectronics - Oudenaarde
AMI Semiconductor - Oudenaarde
Arch Chemicals - Zwijndrecht
AZ St-Jan Brugge
B.L. - Poelkapelle
Bayer (Fluor Daniel) - Gent
Bekaert - Hemiksem
Beldico - Marche en Famenne
Benichim - Lessines
BETE scrubbers - Leuven
BIC Systems - Mouscron
Borealis - Kallo
BP Chembel - Geel
Caldic - Hemiksem
Ceria-Instituut - Brussels
Chemcopack - Antwerpen
Chemogas - Grimbergen
Degussa - Antwerpen
Eurodiol - Feluy
Fuji Hunt - St-Niklaas
GE Betz - Herentals
Goetz Tony&Zn - Antwerpen
GPL - Gent
Hercules (Aqualon) - Doel
Hospithera - Brussels
Ineos NV - Antwerp
Inspec Belgium NV - Antwerp
Iso/Witco - Antwerp
Janssen Pharmaceutica - Beerse
Katoennatie - Antwerpen
Kronos Europe - Gent
Labanorm - Kortrijk
Metallo-Chimique - Beerse
Ontex - Buggenhout
PAB Savoury Liebig Benelux - Schoten
Photovoltch - Tienen
Picanol - Ieper
PPG Industries Belgium NV - Antwerp
Praxair - Oevel
Prayon Rupel - Engls
Proviron Fine Chemicals - Oostende
Robert Bosch - Tienen
Seghers Keppel technology - Willebroek
Sidmar - Gent
Struyf NV - Oelegem
Terumo - Haasrode
UCB - Gent
Union Carbide Benelux NV - Antwerp
Van Hool - Koningshooikt
York Belgium - Kontich

Denmark
Copenhagen Pectin

Egypt
Giza Seeds and Herbs - Cairo

France
Roquettes - Vic-sur-Aisne

The Netherlands
Cerestar - Sas van Gent
Dr. W. Kolb - Moerdijk
ICI Holland BV - Rozenburg
Avebe - Veendam
Hercules - Zwijndrecht

Poland
Polfa - Poznan

Turkey
Kütas - Izmir

United Kingdom
National Starch&Chemical Company - Essex

Italy
Cognis - Fino Morrasco

air cleaning devices

A scrubber is an air-cleaning device that extracts the toxic and corrosive components from a gas flow. These components are absorbed in a liquid, and - through catalysation - transformed immediately into biodegradable or recyclable products. The absorption liquid is held in a tank underneath the scrubber, and constantly circulated by a pump. This process holds the advantage of very low water consumption.

There are three types of scrubbers: Ejector scrubbers, Jet Venturi scrubbers and Packed Tower scrubbers. Ofcourse it is always possible to combine the different scrubbing methods to obtain the required result.

Ejector scrubbing

Self-extracting, by means of ejectors. This type of scrubber has a high removal efficiency, and is used for high concentrations of poisonous and hazardous gasses. The flow of treated air is rather low (max. 44 Nm³/hr).

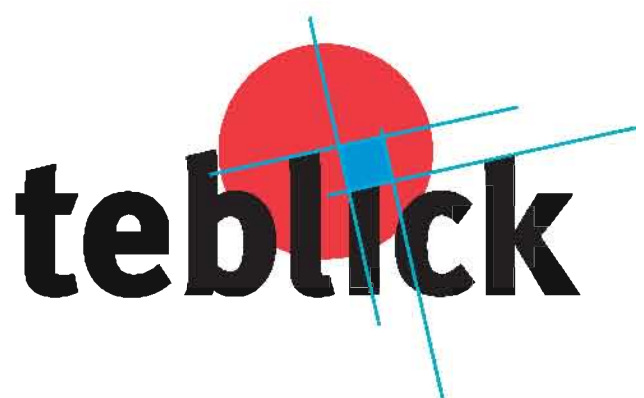
Jet Venturi scrubbing

Self-extracting, for gas flows contaminated with dust and particles, and for gas cooling. In combination with a packed tower scrubber the Jet Venturi replaces the fan.

Packed Tower scrubbing

Most scrubbers are packed tower scrubbers. They can easily handle fluctuations in gas flow and concentra-

Eliminating ethylene-oxide and/or propylene-oxide from vent flows of reactors or EO sterilisers is one of our specialities. Ethylene- and propylene-oxide are actively absorbed in the scrubber solution. This solution contains a cheap catalyst which converts ethylene-oxide into ethyleneglycols, and propylene-oxide into propylene-glycols. Normally, the transformation of ethylene- and propylene-oxide into glycols is a very slow reaction. However, our chemical and technical knowhow ensures a continuous scrubbing operation.

The logo for Teblick features the word "teblick" in a bold, lowercase, sans-serif font. Above the letter "i" is a red circle. A blue square is positioned to the right of the circle, with two thin blue lines extending from it: one horizontal line passing through the circle and the square, and one diagonal line extending upwards and to the right.

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