



INDUSTRIAL VACUUM SOLUTIONS FOR GLASS FACTORIES



COMMON PROBLEMS IN GLASS FACTORIES



MAINTENANCE OF ROLLERS AND CONVEYOR BELTS

During the first phase known as the composing phase, in which the materials destined for transformation into glass are brought together there is a large amount of dust and debris in the vicinity of the conveyor belts and rollers. It is also necessary to recover large quantities of materials such as silica sand and additives (such as copper, lead).



DUST EXTRACTION FROM THE FURNACE CEILING

The materials collected and handled during the composition phase are mixed and melted during the baking phase in the kilns. These mixtures reach very high temperatures of up to 1,200/1,500°. The primary need in this phase is to remove the fine, hot, light and sticky dust generated during the melting process from the furnace vault (to ensure correct heat exchange and not to alter the quality of the product).



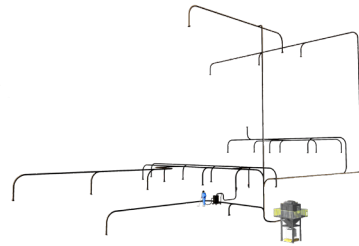
GLASS MOULDING

In the final stage of glass production, called shaping, or moulding, the flat glass or bottles and jars are given a proper shape. It is essential at this stage to remove glass residues that can damage the quality of the finished product and cause damage to production.

DHV DELFIN SPECIFIC SOLUTIONS

CENTRALISED OR MOBILE VACUUM SYSTEMS

Avoiding plant stoppages or conveyor belt breaks due to clogging caused by dust accumulation is very important. Regular and efficient cleaning is therefore necessary. A Delfin central vacuum system will ensure the full efficiency of your materials handling process by safely removing even the most hazardous materials.



HIGH-TEMPERATURE OVEN CLEANING

The DHV range of vacuum cleaners meets every need. For work in contact with incandescent dust and materials at very high temperatures, our solutions are equipped with special filters, special separators and special accessories for the safe and efficient suction of materials.



CLEANING AND MAINTENANCE

Powerful and efficient mobile vacuum cleaners are the most suitable tool to ensure the maintenance of the moulding area by capturing any scrap or waste.



Delfin is a global leader in the manufacturing of industrial vacuum equipment, ranging from portable vacuums for industrial cleaning, to central vacuum systems and engineered solutions, to pneumatic conveying systems. Our mission is to create value by designing innovative solutions that improve efficiency, safety, and productivity. Our aim is to use our expertise to help our customers to achieve their goals.



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