



INDUSTRIAL VACUUM SOLUTIONS
FOR GLASS FACTORIES



Problem



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

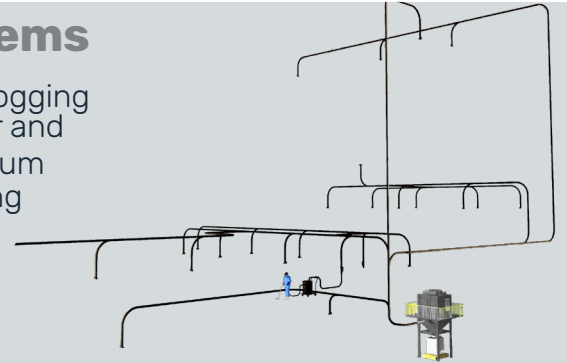
In the final stage of glass production, called shaping, or moulding, the flat glass or bottles and jars are given a proper shape. It is essential at this stage to remove glass residues that can damage the quality of the finished product and cause damage to production.

Solution



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.



Dust cleaning and recovery

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.



THE COMPANY



Delfin was founded over 30 years ago as a result of the passion of its founder, Antonino Siclari, for industrial vacuum cleaners.

Delfin has never stopped working to offer its customers innovative and efficient solutions at the top of quality and design, solving cleaning problems for professionals and industries all over the world.

THE DHV RANGE

The industrial vacuum cleaners in the DHV series are designed for heavy-duty, continuous applications. High power, high performance, long distances. The range was created to solve the suction problems in industries that have to deal with large quantities of dust, spillages and residues that constantly undermine production efficiency and the safety of working environments.



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