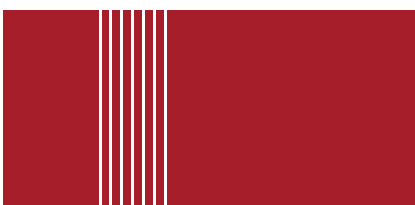


PRACTICE REPORT 61

Application examples for planners of complex construction projects



The packaging specialist Multivac is stringently pursuing its sustainability strategy



Application area for VENTAFLEX®:
Energy-efficient air ducts supply
factory hall with fresh air

7.500 m² of new production space is built at the Allgäu headquarters

The air is supplied via the roof using VENTAFLEX® ducts

Task

For more than 60 years MULTIVAC has been one of the leading manufacturers of packaging technology, which is used worldwide in the food industry, for medical and pharmaceutical products, as well as for consumer and industrial goods of all kinds. The topic of packaging has been the subject of heated political debate for some time now - the focus is on environmentally friendly solutions. At Multivac, the sustainability strategy begins with the manufacture of the special machines that package a wide variety of goods - by using resources as sparingly as possible. For example, a new "slicer" production hall was built in Wolfertschwenden with a focus on the greatest possible energy efficiency for ongoing operations. In order to ensure clean ventilation of the working environment in a cost- and resource-saving manner, the most efficient duct system currently available on the market was chosen: VENTAFLEX®.



Preparatory work in the VENTAFLEX® factory: our team produces assemblies for fast on-site installation

VENTAFLEX® -solution

VENTAFLEX® air ducts in ø 1090 are supplied as assemblies, as well as various special components in 45° and 90° curves

- pre-assembled duct inspection cover facilitates proper maintenance
- hygienic advantages of Ventaflex products in accordance with VDI 6022 make easy cleaning possible
- the reliable tightness of the VENTAFLEX® air ducts according to ATC2 ensures energy efficiency



Advantages due to the VENTAFLEX® system

- + Savings in operating costs** – up to 40 % less energy loss, up to 10 % less pressure loss and up to 99 % less leakage loss
- + Certified hygiene conformity** of the ducts in accordance with VDI 6022
- + Transport of particularly large air volumes** – thanks to large cross-sections
- + Up to 70 % lower weight** – advantages during transport, handling and installation
- + Special weather resistance** thanks to GRP material

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VENTAFLEX®

More efficiency in air conduction