

October 29, 2014

News Release

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RVT Reduces Electric Power Consumption

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- **The exchanging of illumination of the factory site from neon lamps to LED modules saves RVT substantial energy costs**
- **Just one step of many towards an optimized energy supply**
- **More projects are planned for the future, like replacing the circulating pumps of the central heating system by new energy saving types**

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on this subject:

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The actual public discussion demonstrates that Germany's exit from nuclear and fossil-fuel energy is a big issue. Wind turbines and new high voltage transmission lines meet with opposition. Therefore it is of major importance to reduce the energy demand in general because every energy unit saved by the consumer will not be needed to be produced and transferred to the place of consumption.

RVT Process Equipment GmbH is contributing to this challenge when exchanging the illumination of the factory site from neon lamps to LED modules.

When realizing this exchange more than 60 % of the previous energy demand needed for illumination is saved. This figure corresponds to about 60.5 t per year of saving carbon dioxide emissions.



The break-even point of this investment is calculated to be less than 6 years when taking into account that the expenditures for maintenance and replacement of the neon lamps will be cancelled too.

However exchanging the lamps is just a first step to improve the energy consumption. Replacing the circulating pumps of the central heating system by new energy saving types will furthermore save 4,500 kWh/year corresponding to a reduction of carbon dioxide by 2.5 t/year.

The implementation of solar panels on the roofs of the buildings and the integration of a heat recovery system in the cooling circuit of the injection molding machines are further energy saving projects planned for the near future.

About RVT

RVT Process Equipment GmbH is a medium sized family owned company located in Upper Franconia, Germany. Since 1976 our scope of supply has covered components for mass and heat transfer processes for chemical, petrochemical, refinery and environmental applications.

The overall array of products includes random packing, structured packing, column internals, mass transfer trays, complete columns and turnkey units for environment protection applications.

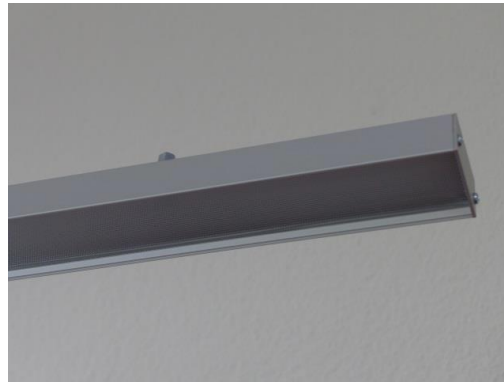
More than 140 employees work for the company in Steinwiesen and Marktrodach. Our two subsidiaries in Knoxville TN, USA, Kunshan PR China and representatives in all important market places are selling our products all over the world and are being used by many global players.

Further information on RVT is available on the internet at www.rvtpe.com

Attachment



The replacement of the neon lamps against modern LED-elements was done by a mobile lifting ramp without disordering the current production.
P214_RVT_ReductionOfElectricEnergyConsumption_pic1



Looking unremarkably but nonetheless very efficient: LED modules provide optimum lightness by minimized energy consumption.
P214_RVT_ReductionOfElectricEnergyConsumption_pic2