



VISCOFLUX lite – now available as an Ex version

The drum emptying system VISCOFLUX lite is now available as an Ex version. It is designed for higher-viscosity media which are just capable of flowing. The new explosion-proof variant is now suitable for use in explosion hazard areas of zone 1 and for pumping the most varied flammable media (zone 0/1).

The Ex version of VISCOFLUX lite opens new opportunities across a diverse range of industries, such as chemicals or surface finishing technology. For example it is suitable for supplying machinery and fast-running plant with lubricating greases in zone 1. Alternatively it can be used for pumping zone 0/1 flammable media such as various base materials for paints and lacquer manufacturing as well as numerous coatings and fillers.

Quick to install, conductive components

Contrary to the standard version of VISCOFLUX lite, the individual components of the Ex version (Ex-marking II 1 G IIB TX), pump centring plate and follower plate including process seal as well as the compressed-air hose are made of conductive or static dissipative materials. Comprehensive and precise potential equalization can be carried out over suitable connections for earthing wires. The system is quick to install, requires little space and due to its low build can also be used in working spaces with low ceilings.

Residual volume in drum up to less than 1 %

To continuously and gently transport higher-viscosity materials which are just capable of flowing, FLUX engineers use eccentric worm-drive pumps. In combination with a follower plate, a vacuum is created during pumping causing the follower plate to lower. In doing so the process seal of the follower plate hermetically seals the remaining material thus preventing unwanted emissions and changes to the product. Even if the pumping operation should be interrupted, a maximum degree of process reliability is guaranteed. Finally, almost no material remains on the wall of the drum. Users have the benefit of an almost complete emptying of the drum and thus an efficient utilisation of the material. As with the VISCOFLUX and VISCOFLUX mobile, with VISCOFLUX lite the residual material which remains in the drum is up to less than 1 %.

Launch at the ACHEMA 2015

The VISCOFLUX lite in Ex version will be available from the ACHEMA 2015. Come and visit us during 15. and 19. June at our stand (hall 8, stand E10) and convince yourself of the qualities of this drum emptying system.

FLUX-GERÄTE GMBH

In 1950, the world's first electric barrel pump was named FLUX. Meanwhile, the undisputed pioneer in the area of barrel pump technology possesses outstanding know-how and experience in many other areas of pump technology. The wide product range now extends from the most different types of pumps with motors, flow meters and accessories through special system solutions such as the drum emptying systems to custom-designed systems for plant engineering. The internationally operating family company with 7 subsidiaries and numerous representatives supplies its products to more than 100 countries worldwide.

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VISCOFLUX lite, the drum emptying system for higher-viscosity media, which are just capable of flowing – now available as an Ex version.



VISCOFLUX lite in Ex version – quick to install,
conductive components

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