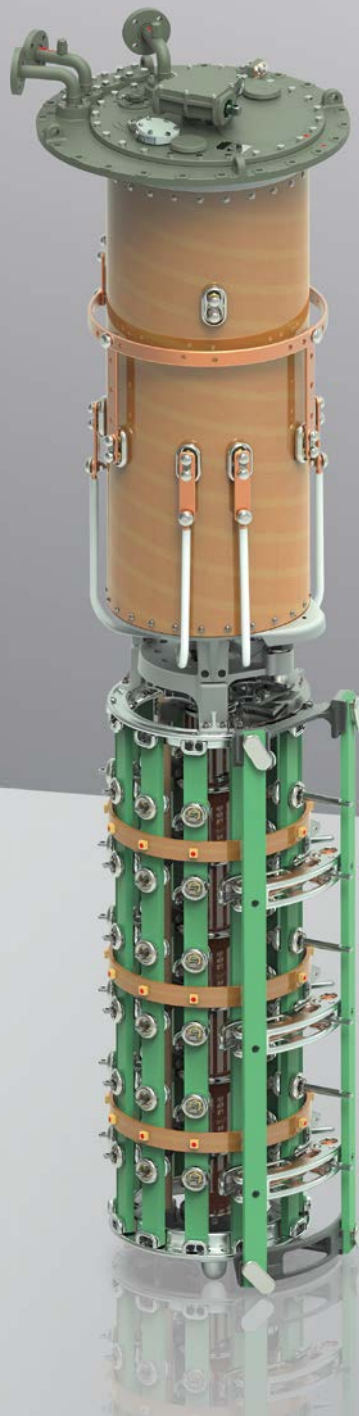




VACUTAP[®], DEETAP[®], TAPMOTION[®] AND ACCESSORIES

SOLUTIONS FOR HIGH-TEMPERATURE TRANSFORMERS.

WWW.REINHAUSEN.COM



STATE-OF-THE-ART – MR THE INNOVATION LEADER.

The application of ester filled transformers can be taken to the next level. A significant advantage can be derived if the higher thermal capability of esters is combined with high-temperature insulation materials for the transformer and the on-load tap-changer. Maximum power with smallest transformer footprint can be reached.

Solutions for your transformer using alternative insulating liquids

Alternative insulating liquids such as synthetic and natural esters are a sustainable alternative to mineral oil even for large power transformers and phase shifters. The well-known and established advantages of alternative insulating liquids are

- a greater level of personal safety due to high fire-point properties
- reduction of possible impacts on escape into the environment because they are biodegradable and non-toxic

These advantages reduce the operational risks.

A further significant advantage can be derived if the higher thermal capability of esters is combined with high-temperature solid insulation materials for the transformer and the on-load tap-changer.

Increased grid flexibility, availability, stability and system safety through

- reduced size or increased power rating of a transformer at the smallest possible footprint (foundation not larger even if power consumption increases)
- lower weight and more compact design for mobile units
- highest possible overload capability for unforeseen peak demands or in emergency situations

Due to these factors, the application of esters can be taken to the next level.

The world's first high-temperature on-load tap-changer and de-energized tap-changer make it possible to benefit from all ester advantages.

Tap changers for high-temperature transformers – innovation makes the difference

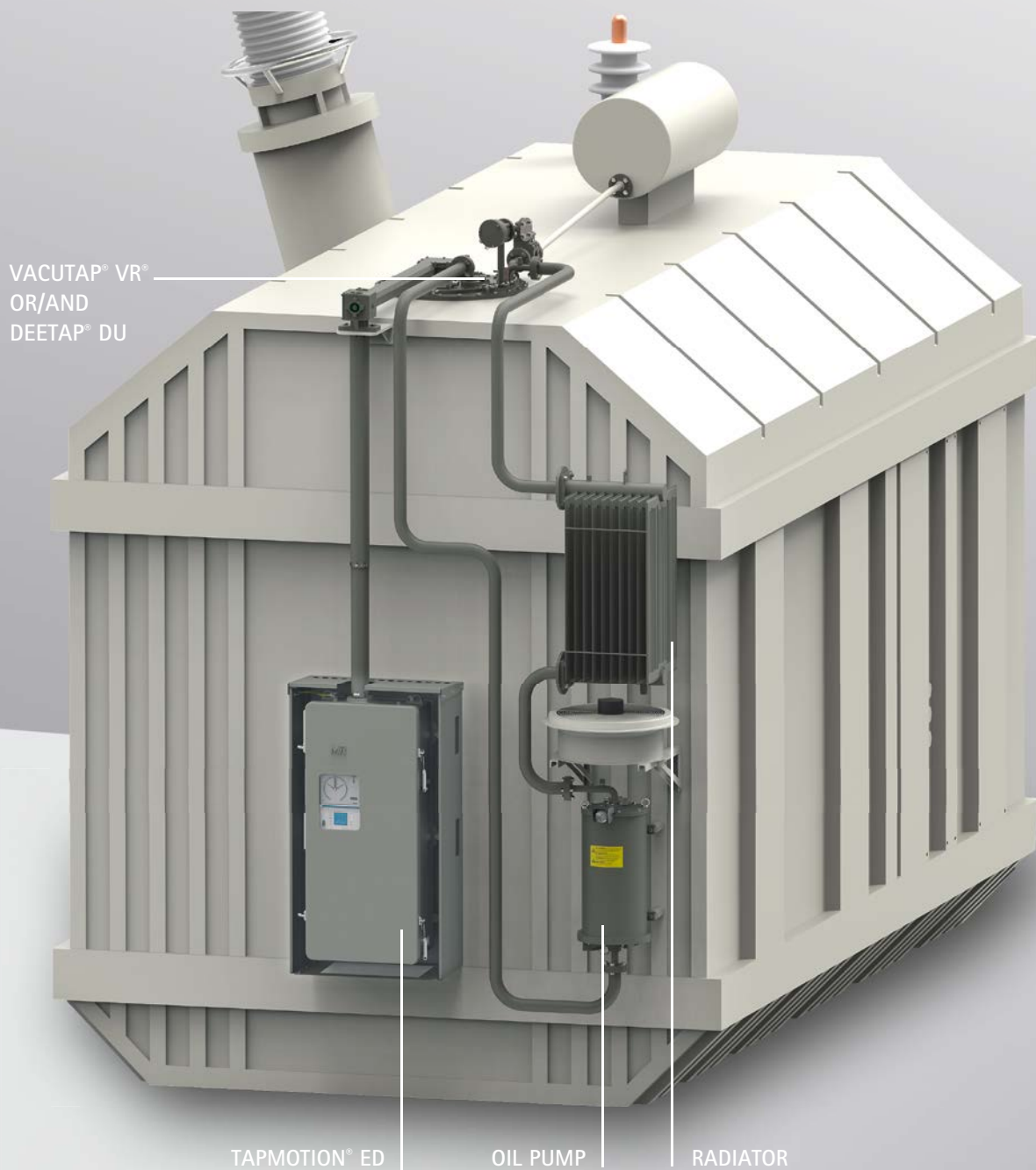
We offer tap changer sets which are suitable beyond IEC standard temperatures. With our products, the transformers can be operated at 130°C or even up to 150°C.



WE OFFER A COMPLETE SOLUTION

- VACUTAP® VR® on-load tap-changer
- DEETAP® DU de-energized tap-changer
- TAPMOTION® ED motor drive
- Oil pump
- Radiator

We have introduced state-of-the-art, high-end, high-temperature materials for our OLTCs and DETCs where necessary.



MORE POWER. MORE VALUE.

For reliable, environmentally-friendly operation.



Designed with future requirements in mind

- The top-performance, vacuum on-load tap-changer and de-energized tap-changer for high temperature applications
- Maximum advantages achieved by using environmentally friendly ester insulation liquids



Flexibly

- Maximum power with smallest transformer footprint
- Highest possible overload capability



Maximum operational reliability

- Increased fire safety and personal safety
- Absolutely reliable arc quenching thanks to the VACUTAP® Advanced Arc Control System
- Optimized materials for temperatures of up to 130°C / 150°C



Low life-cycle costs

- Transformers with higher performance and compact dimensions

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THE POWER BEHIND POWER.

