

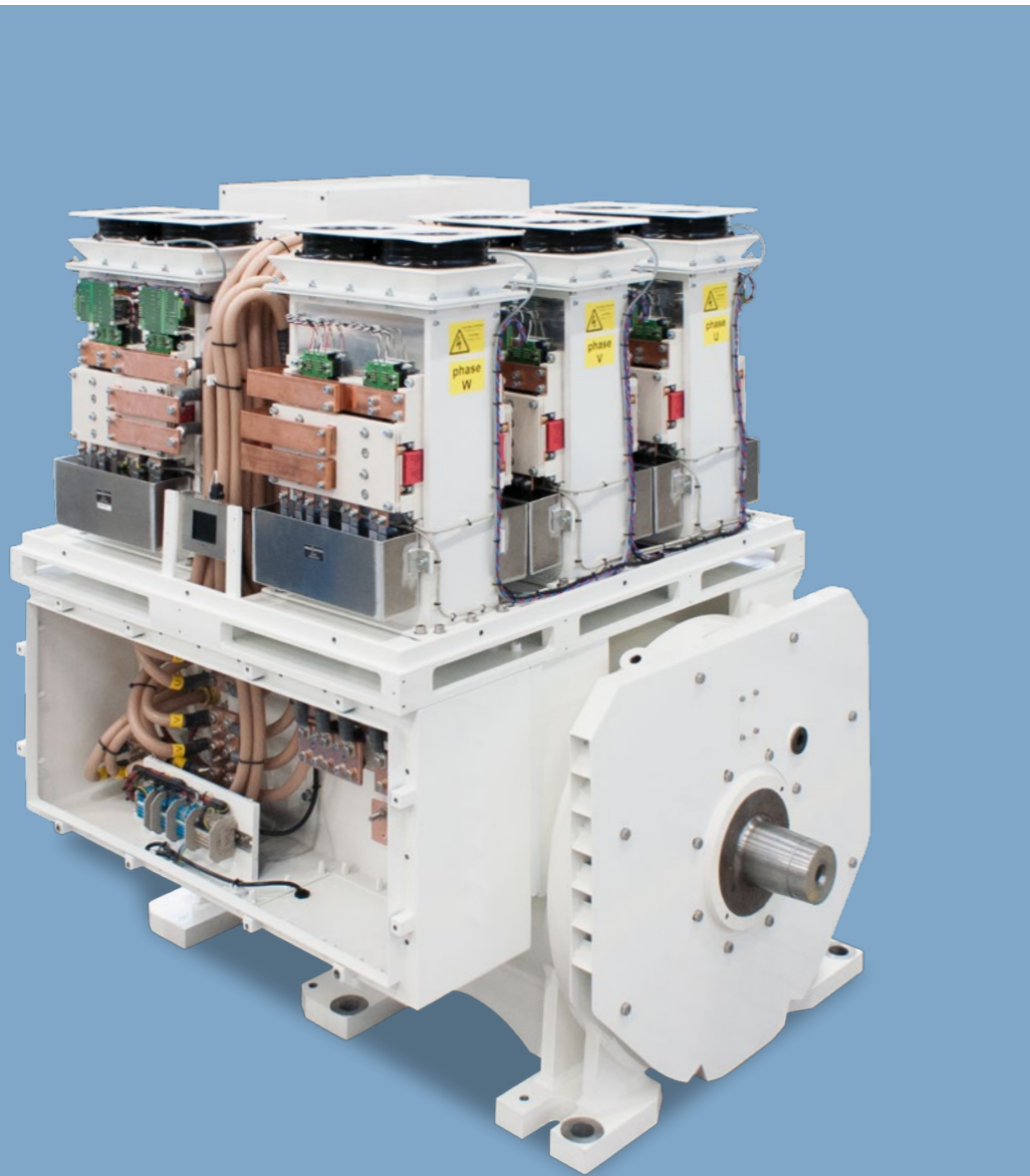
A NEW IMPULSE FOR
OIL AND GAS DRILLING.
OILFIELD ECOVERT VFM BY BREUER.

BREUER) MOTOREN

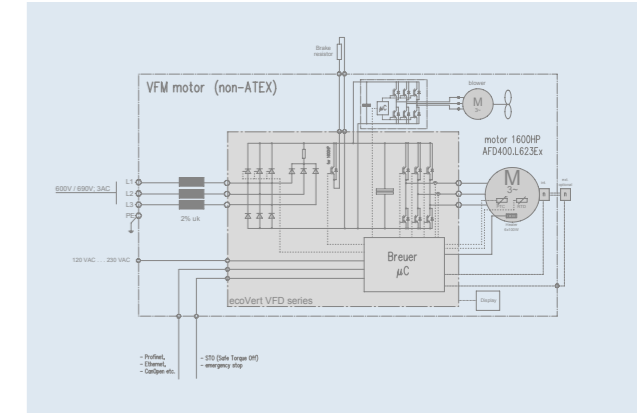
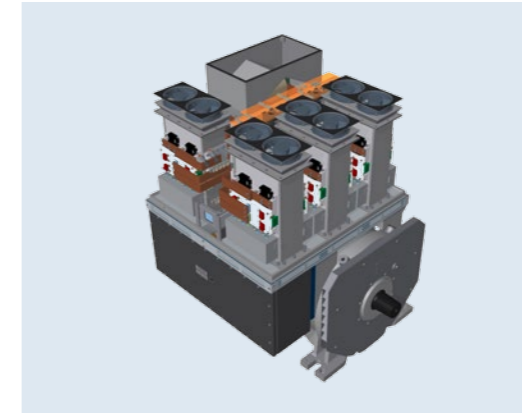
A NEW BASIS FOR YOUR PLATFORM.

The combination of innovative technology and proven strengths makes this motor so unique.

Breuer's Made in Germany motors get the job done all over the world in a wide variety of sectors. Over 800 of Breuer's Variable Frequency Motors (VFM) have stood the mining test since the turn of the century. Moreover, in oil and gas drilling, over 1,000 AC motors and more than 300 AC TopDrive motors from the Bochum, Germany plant are currently in use. Now, for the first time, Breuer is combining the advantages of its company's own VFD technology with the strengths of the oilfield AC motors in one VFM, namely, the Oilfield ecoVert VFM. Take advantage of this innovation for your oil and gas drilling work.



VARIABLE FREQUENCY MOTORS BY BREUER: PROVEN KNOW-HOW.



VFD AND ELECTRIC MOTOR TECHNOLOGY AS ONE SOLUTION

The Oilfield ecoVert VFM is an innovative combination of Breuer's high-quality Drilling Motor with a powerful Variable Frequency Drive. The VFM was developed especially with rig technology in mind to increase the operational readiness of the installations while at the same time saving space and reducing energy costs. This innovative motor is extremely versatile and flexible.

THE PERFECT ALL-IN-ONE SOLUTION When the Oilfield ecoVert VFM is used, a Power Control Room (PCR) is, for the most part, not needed. The motor is suitable for existing rigs with a third MudPump as well as for converting rigs from DC to AC technology. During the retrofit process, work in the Power Control Room is not or only minimal required.

VFM IS ALWAYS INTERCHANGEABLE WITH EXISTING MOTOR TECHNOLOGY

The VFM is ideally suited for retrofitting. It replaces old components with ones that are structurally identical but better. The water and air-cooled motors for onshore and offshore drilling rigs are compatible with every type of equipment and can be easily maintained and replaced. As a result, investment, commissioning, and operating costs can be considerably reduced.

DEPLOYABLE IN TEMPERATURES RANGING FROM -40 TO +55 °C

Thanks to the design which is certified for operation in temperatures ranging from -40 °C to +55 °C, the Oilfield ecoVert VFM also performs reliably under extreme climatic conditions such as in the Arctic and in the desert.

APPLICATIONS MudPump, Drawwork, Rotary Table (TopDrive as an integrated or detached solution on request)

FEATURES

- Wiring to be done as for a simple motor
- Only requires power supply and communications cable (no heater, blower, or temperature cable needed)
- Chopper, rectifier, inverter, motor, encoder in one
- Different communication technologies (e.g. Profinet, etc.) or hardwired (for rigs without PLC control)
- Inverter ensures longer life- and maintenance free time, energy-efficiency, quiet operation
- 1150, 1300, or 1600 hp with 600 V (version with medium voltage in the pipeline)
- Available as an ATEX and a non-ATEX version
- Safe operation because the electronics are completely separate from the airflow
- Extremely robust, VFM technology transferred from coal mining industry
- Identical to the performance of a VFD solution in PCR

CONTACT DETAILS

There are no problems – just the beginnings of solutions. If you have any questions or would like more detailed information, please don't hesitate to call or write us.

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BREUER-MOTOREN is certified in accordance with the latest standards and familiar with the relevant country-specific standards, such as ATEX, IECex, GOST, UL, cUL, CSA, DNV, ABS, etc., as well as the commensurate certification procedures.



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