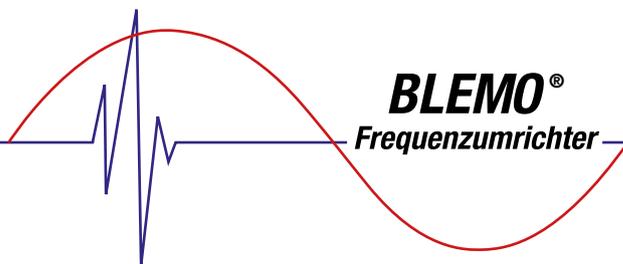




Certification for
Europe, USA and Asia



BLEMO[®]
Frequenzumrichter

THE SPECIALISTS IN **DRIVE TECHNOLOGY**

Development & sales of frequency converters,
soft starters and drive systems.



Taking responsibility - shaping the future

THE REQUIREMENTS OF THE FUTURE ARE ALREADY MET BY OUR PRODUCTS TODAY

For an entrepreneur, there is hardly a better feeling than certainty. I mean: the certainty of having thought of everything important. Granted: These moments are rare as the constantly changing demands due to a continuously high innovation and price pressure never give peace. But, with a view to the future, one thing I know for sure: the issues that concern us now will remain the same. In five or ten years' time, environmental protection and energy supply will still be the number one challenges we face.

And since we are not only now beginning to take responsibility in this area, I can say with certainty that our products are already one step ahead of current standards. Moreover, the approach we take to developing new technologies is also sustainable. Or suitable for the grandchildren, as they

say these days. Energy savings of up to 70 percent compared to conventional frequency converters - a value that many people envy us for - not only in our own industry. Solutions for future requirements of our customers' drive systems are already incorporated in *BLEMO* products today. With the potential to increase their environmental compatibility and performance even further. This is my personal rock in the waves, in an ever more rapidly developing industrial world. I would be pleased if we could share both on part of the way: the jointly experienced change and the certainty of an adapting technology.

Welcome to the *BLEMO* world



Dipl.-Ing. **Robert Scherer**
Founder & Managing Director of *BLEMO*

- Highest product quality
- Eco-friendly through energy savings up to 70%
- Top cost-effectiveness
- Comprehensive service and after-sales support
- Over 25 years of industry experience

5 good reasons
to choose **BLEMO**

BLEMO CUSTOMERS ARE RELAXED CUSTOMERS

Of course, the know-how described above is not merely being pursued as an end in itself. Products that are ahead of their time can only help us when their benefits become a direct advantage for our customers. As soon as we share know-how and experience without hesitation, we become partners at eye level. Our long-standing customers appreciate our services: consulting and finding solutions, a joint product selection, subsequent commissioning and after-sales service.

Solving tasks - without waiting in line, with sleeves rolled up and an experienced view of the essentials. We have adopted this approach for decades. As a result, BLEMO customers have been able to relax and know what they can rely on.

The most important BLEMO advantages at a glance:

- all employees have a high practical understanding of applications
- excellent price-performance ratio for all devices
- highly specialized planning office and support team
- wide range of stock keeping
- free long-term product support

As a specialist in drive technology, we are the first choice for small and medium-sized companies. Our service not only covers the entire life-cycle of a product, but also includes an experienced contact person who is always available for you - with a sustainable and long-term perspective for continued relaxed customer relations.

Our know-how and experience for your competitive advantage

OUR PRODUCTS DO NOT ATTRACT ATTENTION BECAUSE THEY DO NOT BREAK DOWN

You rarely see BLEMO products as they are usually integrated in large-scale plants. Nevertheless, our products make a considerable contribution to a perfect functionality.

Without BLEMO e.g. bottles would fall over in beverage filling plants, office workers would sweat or freeze, crane loads would sway and aircrafts would not be de-iced in winter.

MECHANICAL ENGINEERING AND PLANT CONSTRUCTION



VENTILATION AND AIR-CONDITIONING TECHNOLOGY



RENEWABLE ENERGIES



HOISTING AND CONVEYING EQUIPMENT



REFRIGERATION TECHNOLOGY



PUMPS



Our products inspire

POWER RANGE VOLTAGE PROTECTION CLASS

More information about all our products? Scan the QR-Code and you will be directed to our website
www.blemo.com



FREQUENCY CONVERTER



ER41 K/G

INNOVATION-LINE

Power range 0,75 up to 800 kW
Protection class IP21, IP55
Voltage 380 V up to 480 V
3-phase



ER321 K/G

HVAC-LINE

Power range 0,75 up to 75 kW
Protection class IP21, IP54/55
Voltage 380 V up to 480 V
3-phase



ER24K/B

COMPACT-LINE

Power range 0,18 up to 15 kW
Protection class IP41
Voltage 200 V up to 600 V
1-phase, 3-phase



ER24G

COMPACT-LINE

Power range 0,18 up to 7,5 kW
Protection class IP65/66
Voltage 200 V up to 500 V
1-phase, 3-phase



ER804 K/KC

EASY-LINE

Power range 0,25 up to 7,5 kW
Protection class IP20
Voltage 200 V up to 480 V
1-phase, 3-phase



ER12 K/B

BASE-LINE

Power range 0,18 up to 4 kW
Protection class IP21
Voltage 100 V up to 120 V
1-phase
200 V up to 240 V
1-phase, 3-phase

SOFTSTARTER



SH11

Power range 0,75 up to 15 kW
Protection class IP20
Voltage 110 V up to 480 V
1-phase, 3-phase



SH21

Power range 0,75 up to 15 kW
Protection class IP20
Voltage 200 V up to 480 V
1-phase, 3-phase



SH31

Power range 4,0 up to 315 kW
Protection class IP20
Voltage 208 V up to 600 V
3-phase



SH6

Power range 4,0 up to 1100 kW
Protection class IP20
Voltage 208 V up to 690 V
3-phase

COMPONENT PARTS



Plain text display

- **Electric motors**
- **Sine output filters** reduce leakage currents and electromagnetic interference
- **Mains chokes** reduce harmonics
- **Motor chokes** reduce the pace of voltage rise (du/dt) at the motor windings
- **Regenerative units** Sinusoidal current drain or feedback into the mains, respectively
- **Brake resistors** convert excess kinetic energy into heat - during rapid changes of direction and speed

COMPLETE DRIVE SYSTEMS

We ensure the optimum energy efficiency in your plants - from the design to the installation and commissioning. Of course, we can also offer you complete turnkey solutions.

BLEMO REFERENCES PROVIDE CERTAINTY

To realize your visions, we need to know where you want to go. We have perfected our ability to ask the right questions.

We deliberately look at things from different perspectives in order to take the important first step into the right direction - with a maximum of professional competence, empathy and intelligence.

Certainty right from the start.

THYSSEN GROUP,
BRAZIL



REWE MARKETS



ZUGSPITZ
RAILWAY
GARMISCH



ALDI MARKETS



TROPICAL ISLAND,
BERLIN



RESEARCH
VESSEL
„SUN“



MOTODROM,
HOCKENHEIM



COLOGNE DOM



CATAMARAN



FRANKURT
AIRPORT



BMW AG,
BERLIN

BLEMO – THE EXPERT FOR SPECIAL AREAS

Our products comply with the guidelines for explosion protection and for special approvals in shipping.



WE ADOPT THE RULES OF A „GOOD ECONOMY“

Corporate responsibility is always also a social responsibility. „All economic activity serves the common good“ says - no, not Mahatma Gandhi, but the Bavarian constitution. We at BLEMO believe that this is a strongly worded statement and it is right. Even as a Hessian company, we are aware that ownership and entrepreneurship entails responsibility.

Digitalization, environmental protection and a fair distribution of wealth - these are the three topics of our time, and of course of the generations to come. And if you take a closer look at them, you will quickly realize that all three are directly related to each other. A digital industrial revolution can serve humanity if it treats our natural resources with care. And nature conservation measures can only be effective if they reach all sections of the population.

The networking of these three areas is incorporated in the BLEMO company. Not on the glossy pages of an image brochure, but in our core business: all new products are tested for sustainability even before they are developed. Every appliance sold must make its contribution to climate-friendly production and the energy revolution. Our personnel policy as well as our pricing policy are based on the standards of fair and transparent business practices.

By the way: We see charity as a top priority. In the region and beyond, we support charitable and worthy projects.

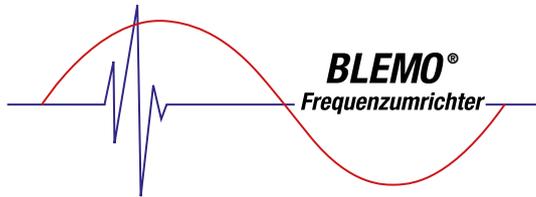
We all have to rethink - BLEMO is already in the middle of it.



Where support is reasonable, we are happy to help! We are proud to support the soccer team of the sports club „SV Fischbach 1912 e.V.“



B. Eng. **Marc Scherer**
Marketing & Sales BLEMO



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PLEASE DO
NOT HESITATE
TO CONTACT
US!

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FREQUENZUMRICHTER
IGBT TRANSISTOR IGBT
WECHSELRICHTER
WECHSELSPANNUNG
HALBLEITER THYRISTOR
IMPULS