

# BLOCK – perfecting power







## perfecting power

BLOCK's products and solutions guarantee maximum voltage and power supply quality in every single area of business and industry. Encompassing over 2000 standard products as well as a myriad of customised solutions, our extensive product portfolio is a reliable choice for customers throughout the world who want exactly the right amount of power and power quality.

Our transformers, power supplies, reactors and interference filters, not to mention our other innovative products and solutions, improve the efficiency of devices, plants, control facilities and systems by minimising the wear and tear these experience, extending their service life and enabling them to use energy in a way that is more efficient and cost-effective.

All BLOCK products are developed and produced in-house, from the research and development phase to production and quality assurance, right through to certification. At our in-house testing lab, we perform tests relating to electromagnetic compatibility (EMC) and device safety, as well as simulating environmental influences.

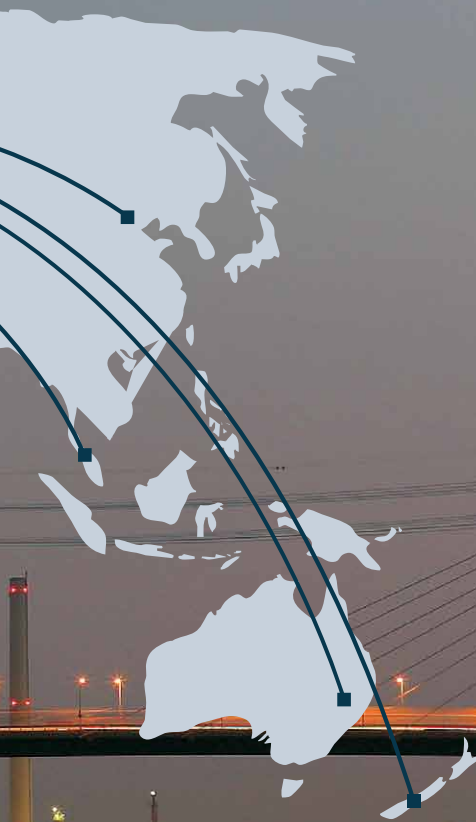
Through our unwavering commitment to providing customers with everything they need from a single source, we can respond to even the most unconventional demands using an approach that is highly flexible, prompt and creative.



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## Contacts around the globe.



Commercial relationships reaching all four corners of the globe have long been a reality here at BLOCK. When it comes to connecting to the grid, our products are the first choice in many countries. With six BLOCK companies as well as numerous national and international agencies situated right across the globe, we successfully supply international markets with transformers, reactors, EMC filters, switched mode power supplies, and much more.

Well over half of our deliveries are exported to destinations throughout the world. This being the case, it goes without saying that precise knowledge of the technical requirements and standards of individual countries is a must. That's why all the key national and international marks of conformity are applied to BLOCK products.

Comprehensive warehousing facilities ensure items are available quickly, keeping downtimes to a minimum, whilst our logistics system gets them to our customers without delay.

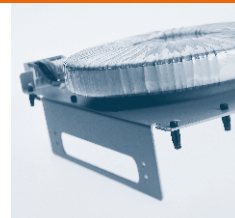


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## Individual

Our practical collaborative work with industry means that we here at BLOCK are continually able to develop sophisticated solutions. Thanks to our unique vertical range of manufacture as well as our unparalleled technological expertise, we can address individual customer requirements and problems directly. The result is applications

tailored specifically to our customers, which are ultimately transformed into products at our prototyping facilities. Our cutting-edge machinery means we have the tools to produce both individual and series-manufactured items cost-effectively and with a short lead time. So we can make specific customer requirements a reality.



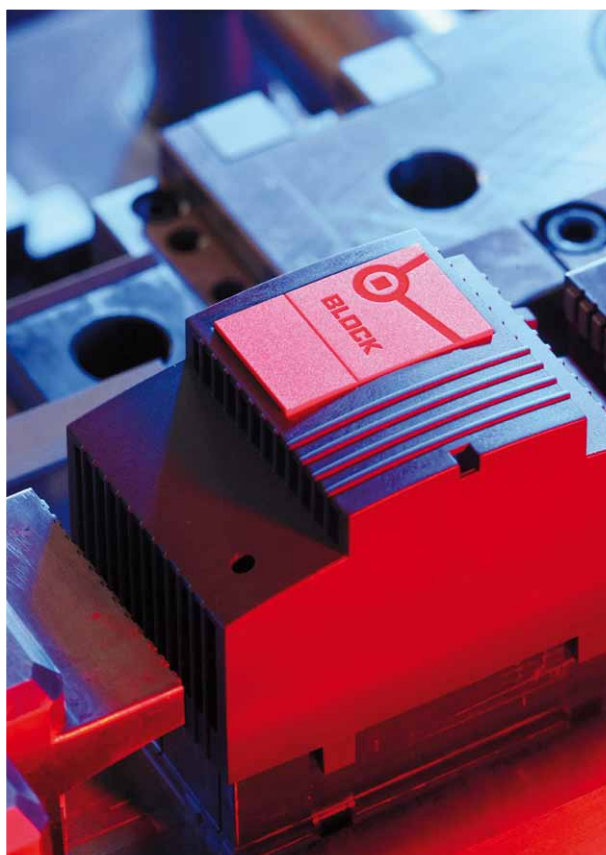
A space-saving toroidal transformer developed specifically for lifts.

## CUSTOM MADE

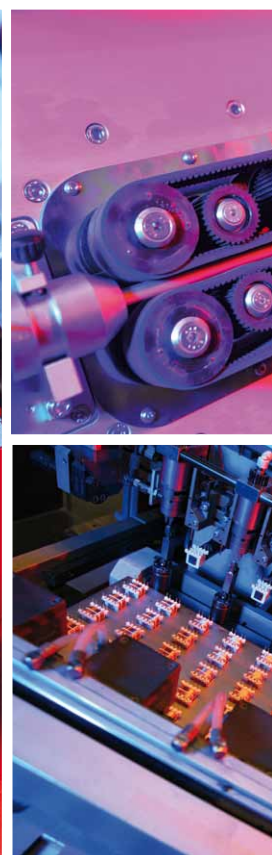
2500 m<sup>2</sup> punching and nibbling machines for metalworking



Plastic injection moulding with in-house toolmaking facilities



Automated cable assembly  
Fully automatic coil production  
for small transformers

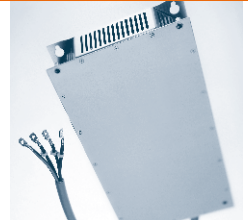


# BLOCK CUSTOM MADE



Cable drums (filters) for tractors, to supply power out in fields.

EMC filters, suitable for a frequency converter



Ferrite components for rail engineering



Welding transformer

Europe's largest low-voltage winding machine combining foil and wire winding

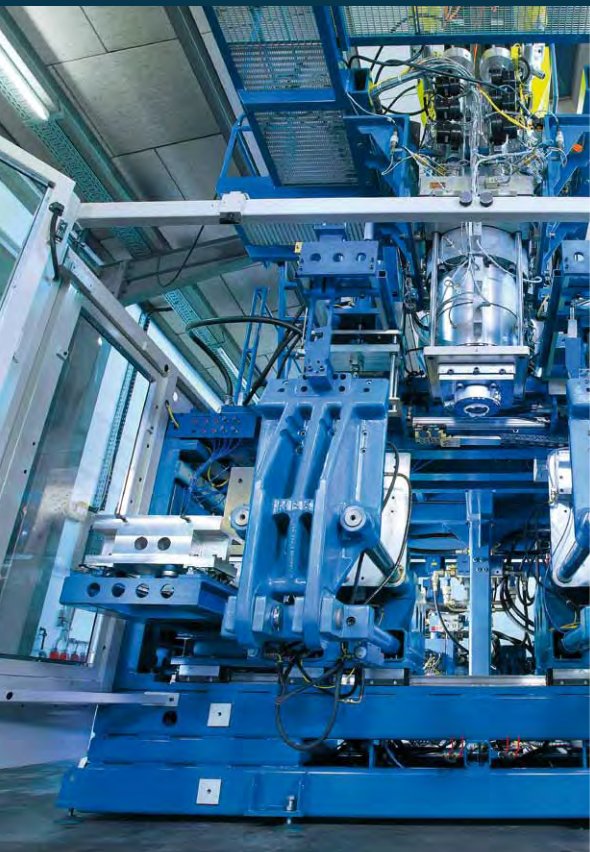


State-of-the-art production lines: SMD printed circuit board manufacturing





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## CUSTOM MADE

### Individual

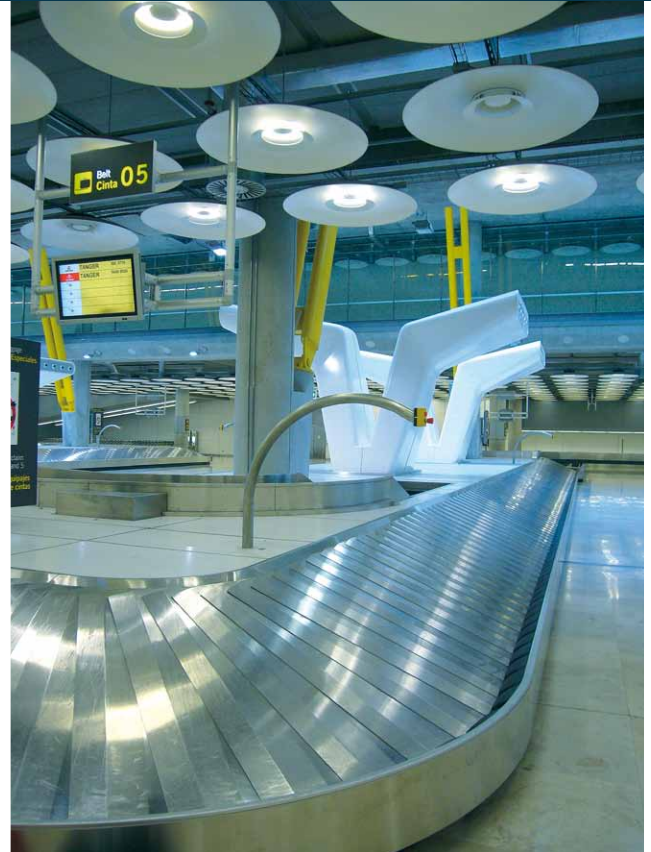
You can find our products and solutions at work no matter which business and industrial sectors you look in - from mechanical and system engineering to drive, materials handling and medical technology, regenerative energies and energy efficiency, building infrastructure, shipbuilding and rail engineering. We focus our efforts on what we can realistically achieve through technology and on maximum product quality. That's why we're able to pass major benefits on to customers across the world, and particularly in our target markets of Europe, Asia and the USA.



Built-in door power supplies for building technology



Power supplies for LED street lighting technology



Reactors for generating energy in wind turbines



Harmonics filters for drive technology

Switched mode power supply for high-intensity floodlights, for lighting up buildings and large events



**BLOCK**  
**CUSTOM  
MADE**



Reactors for rail engineering

Transformers for the ground power supply at airports

