

# Manufacturer of electrical machine components

A global manufacturer and supplier of components and special tools for the construction of high-powered electrical machinery.

# Location

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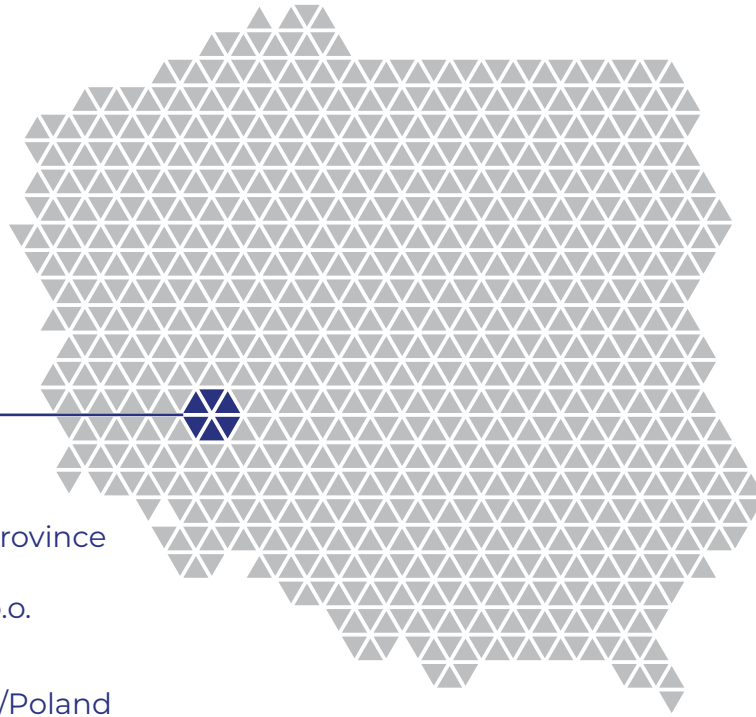
## Wrocław

Lower Silesian province

DONAKO Sp. z o.o.

ul. Fabryczna 10

53-609 Wrocław/Poland



# Company mission and vision

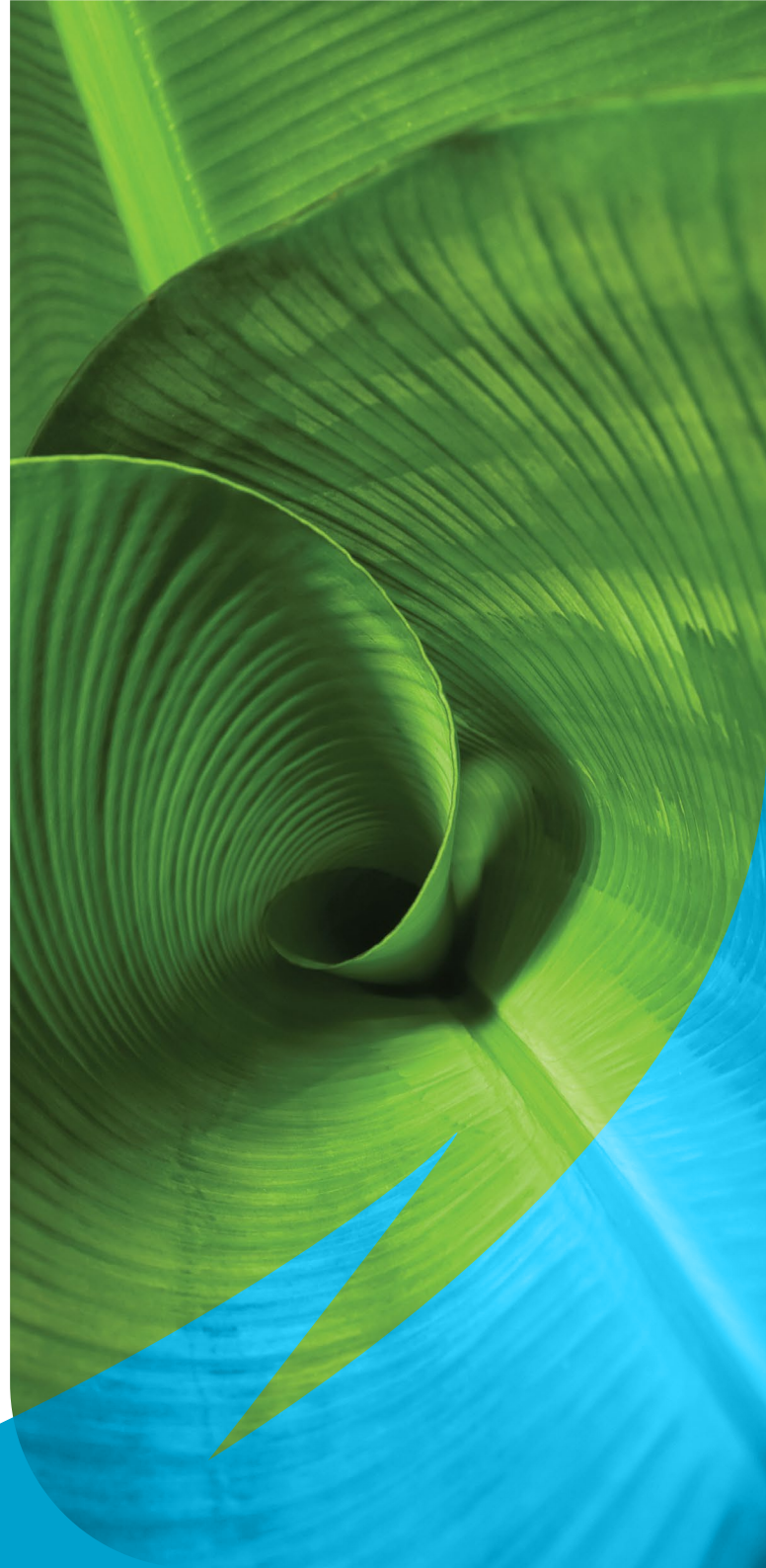
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- **Mission**

A recognized manufacturer of components and tools, and provider of services, technologies and solutions for the global electro-machinery industry, supporting its customers, employees and other stakeholders in achieving success.

- **Vision**

A business partner and employer of choice, enhancing the added value offered to customers in the global electrical machinery market through process optimization, enhanced capabilities, research and development, while respecting the environment and ensuring growth in company value.



# Manufacturer of electrical machine components

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We are a world-leading manufacturer and supplier of components and special tools for the construction of high-powered electrical machinery. We also provide top-quality engineering and maintenance services for the energy industry.

You will find our products installed in Wind, Hydro, Turbo and Motor applications. We also supply components to the electrical machinery maintenance market. We manufacture our own tools and tooling.

**DONAKO**  
**- over 60 years**  
of tradition,  
experience  
and exceptional  
technical  
expertise

We provide services to customers outside the energy industry, offering welding work, and machining.

# Types of component

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## Wind

For the Wind sector, we supply the following products:

- stator and rotor laminations, ventilation segments, pole laminations,
- stator and rotor cores - welded and bonded, pole cores,
- welded housing structures and other accessories.



## Motors

For the Motor sector, we supply the following products:

- stator and rotor laminations, ventilation segments, pole laminations,
- stator and rotor cores, welded and bonded, pole cores,
- welded housing structures and other accessories.



## Hydro

For the Hydro sector, we supply the following products:

- stator and rotor laminations, ventilation segments, pole laminations,
- stator and rotor cores - welded and bonded, pole cores,
- welded housing structures, trusses, rotor frames, fans,
- stator core stacking (also on site).



## Turbo

For the Turbo sector, we supply the following products:

- stator laminations and ventilation components,
- welded housing structures and other accessories.

# Punching dies and tools

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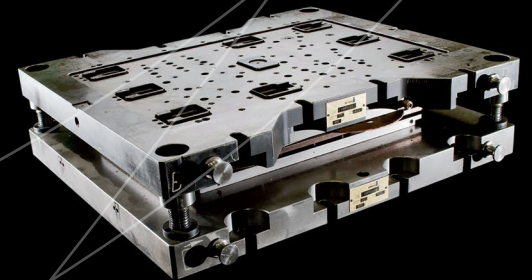
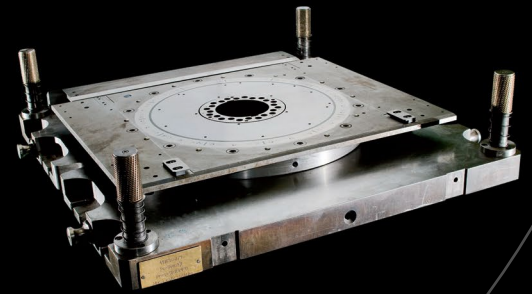
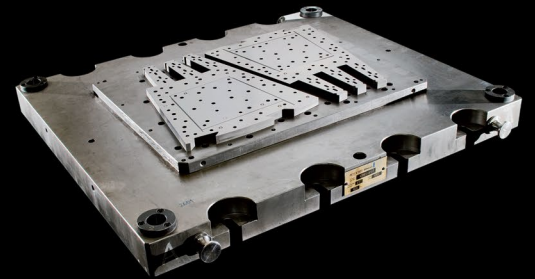
We work with our partners from the design and development stage to mass production. We provide technical consultancy to support clients and help optimize project costs.

We design, manufacture and maintain conventional and progressive punching dies for the production of stator, rotor and pole plates.

We also have the capacity and competence to regenerate and adapt existing tooling for production at our facility.

Our punching dies and tooling are manufactured with the utmost precision necessary to meet the growing demands of our customers.

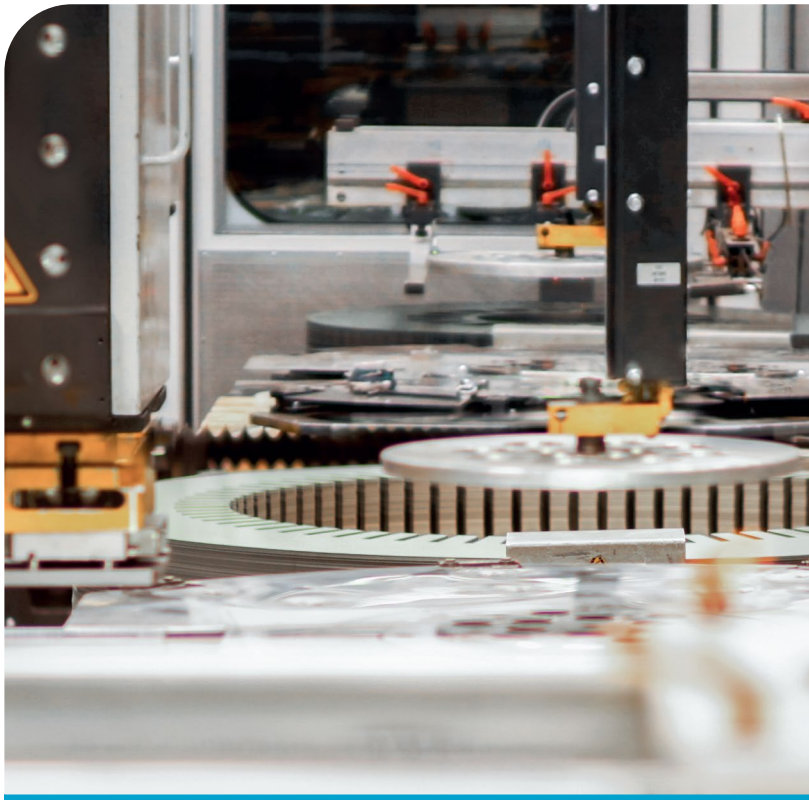
We adopt manufacturing solutions to meet the requirements of all energy sectors.



# Laminations and cores

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**We produce round and segmented laminations for stator, rotor and pole cores.  
We produce complete bolted or baked cores.**



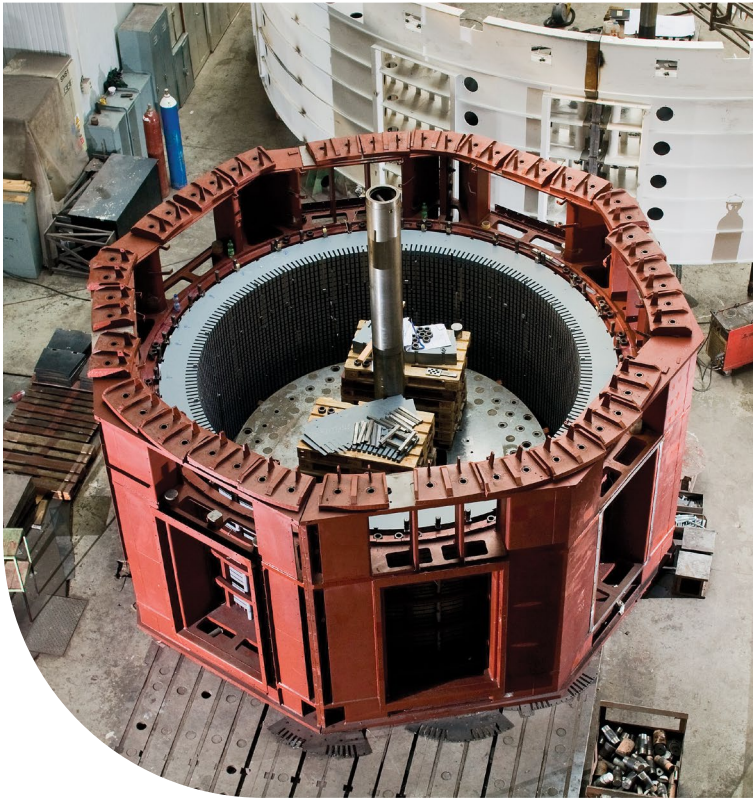
**We provide  
a comprehensive  
service for:**

- sheet metal punching on specialized presses
- laser cutting of laminations
- notching
- deburring and painting
- insert welding
- stacking
- baking

# Cores in housing and welded structures

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**We manufacture stator, rotor and pole cores for mid- and large dimension electric and large-scale:**



- stator cores in housing
- stator yokes
- rotor cores
- pole cores
- stator housing
- top and bottom trusses
- rotor frames and parts
- press segments

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**We have the machinery and equipment to carry out these services on site, including large-scale machining machines, a shot-blasting shop, a painting shop and a baking oven.**



# Maintenance and services

## Our electrical machinery services include:

- insulation resistance measurements of stator and rotor plates
- stator winding
- destacking/disassembly of old stator cores
- refurbishment of welded housing structures
- structure inventory and physical measurements using laser technology
- retrieval and updating of design documentation
- design changes according to customer requirements
- manufacturing of a new stator or rotor core



# Research and development

## R&D

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Our R&D includes developing state-of-the-art technologies and expanding our capabilities by offering additional production processes for new projects, leading to innovation in high-performance manufacturing technology for next-generation generator components and cores.

Through our R&D activities, supported by EU funds, our production capacity will significantly increase as of 2024, with the purchase of a new high-speed punching press using progressive punching dies and a new 4-axis machining centre.

These innovative technological capabilities will encompass key unit operations, leading to a shorter production cycle by increasing the efficiency of the punching, stacking and machining processes while maintaining the highest product quality.

# Quality management

**Our welders are certified to EN and ASME standards.**

We attach great importance to the high quality of the products we make, which we monitor by using top-of-the-line equipment, such as CMM measuring equipment: 3D measuring machine, 3D scanner, 2D scanner, faro arm, and laser tracker.

Our qualified specialists are highly skilled in testing the materials used and the final products, both during and after production. We perform all tests, such as the Franklin test, Epstein test, and numerous non-destructive tests (NDT) on site.

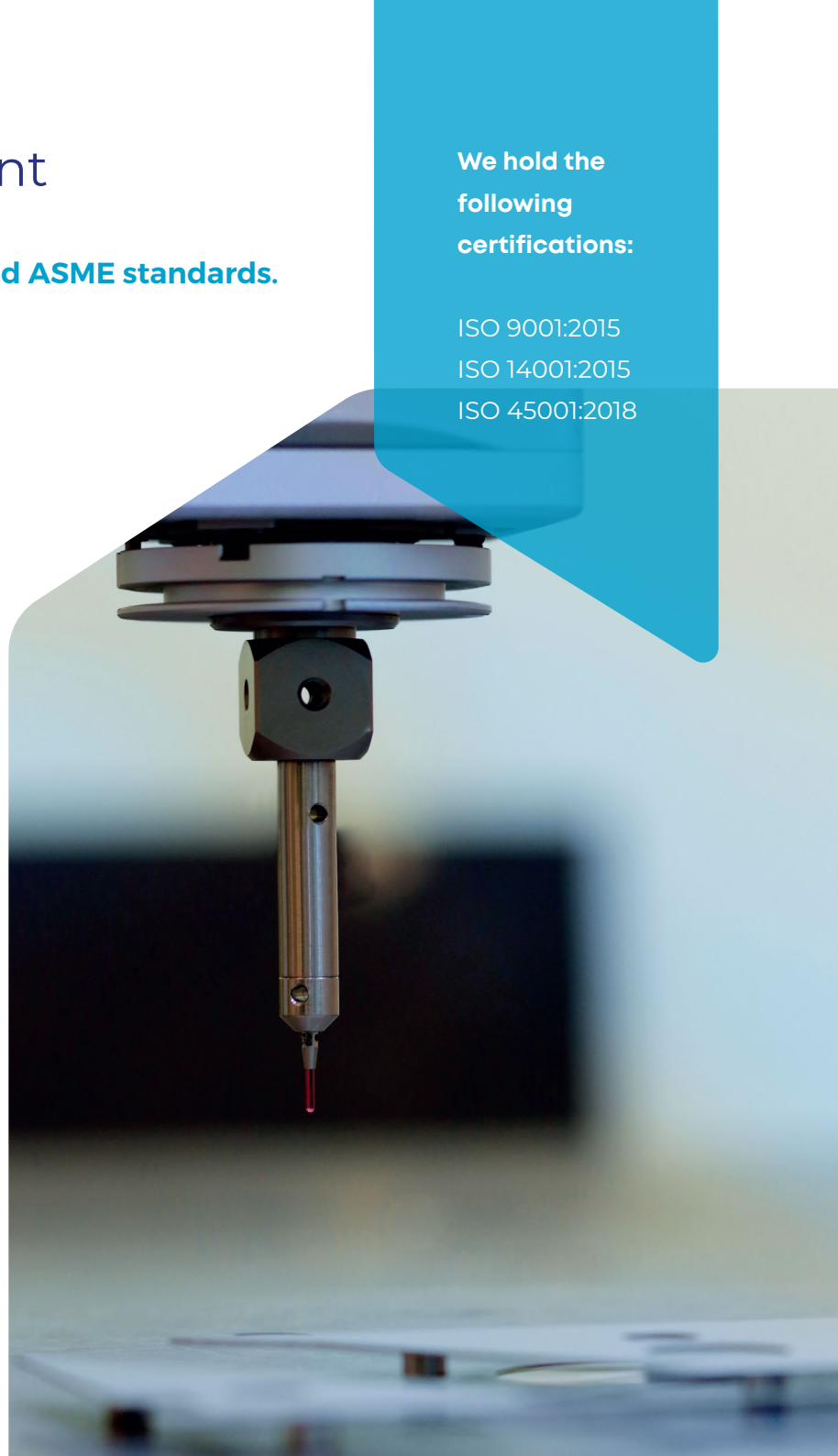
Our high standards are part of the quality policy demanded of us by the world's leading motor and generator manufacturers.

**We hold the following certifications:**

ISO 9001:2015

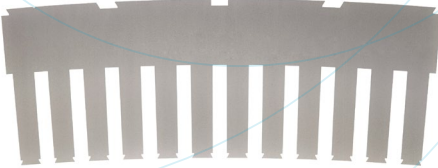
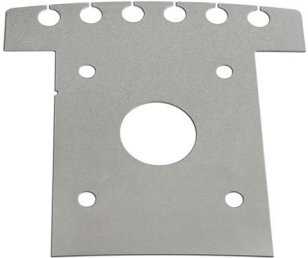
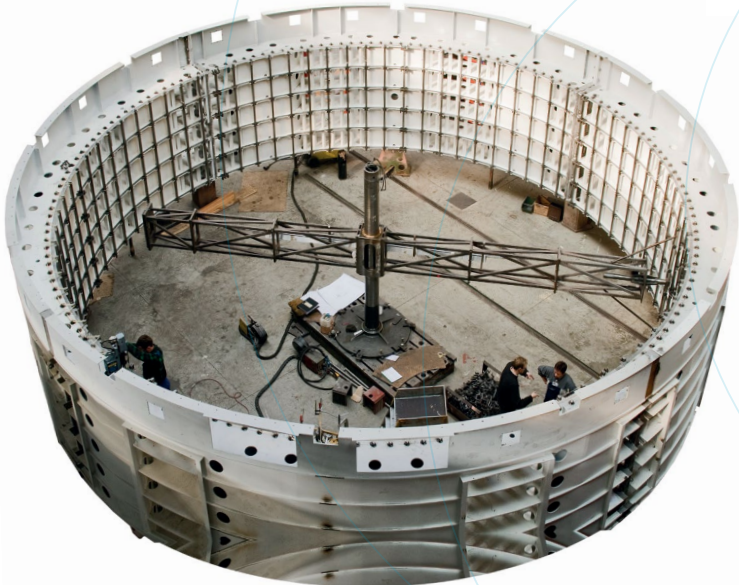
ISO 14001:2015

ISO 45001:2018



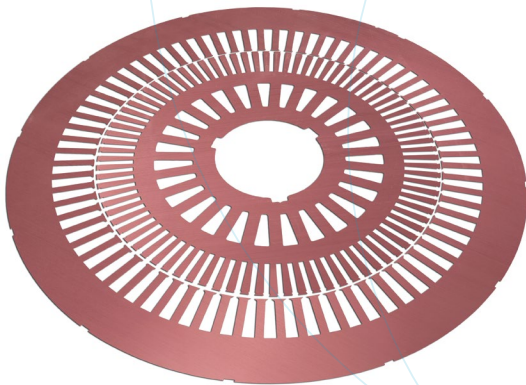
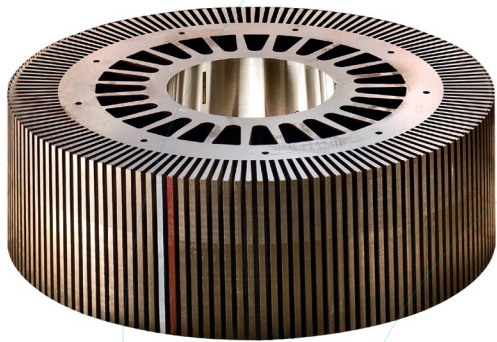
# Our products

 Hydro



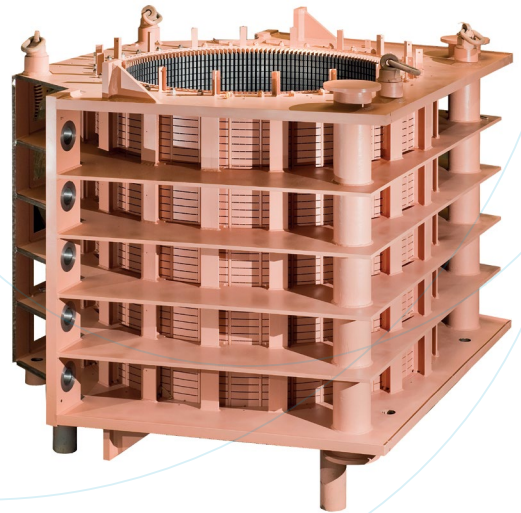
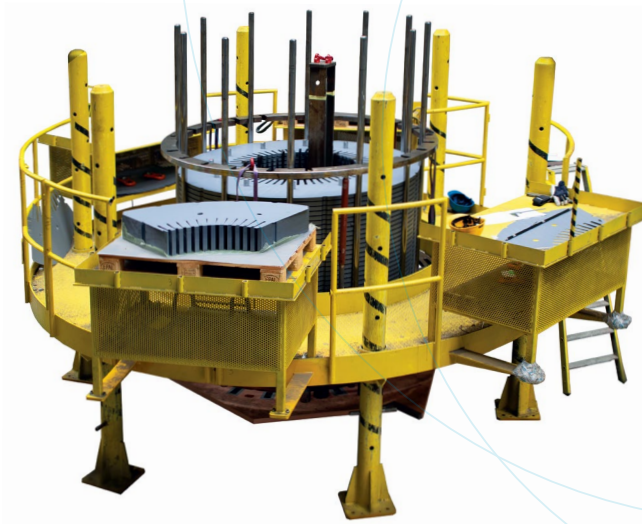
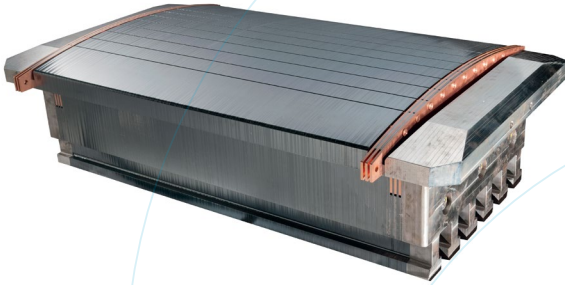


Wind



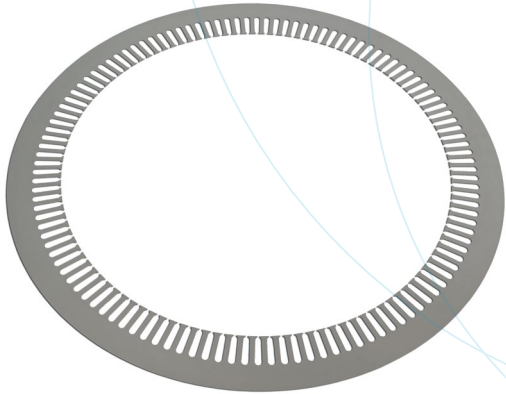
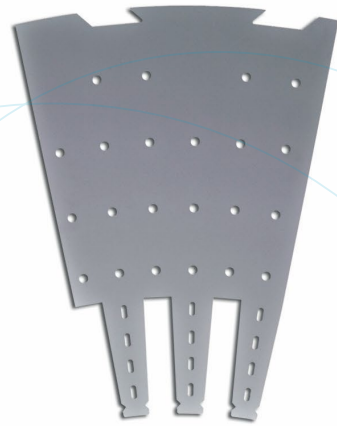
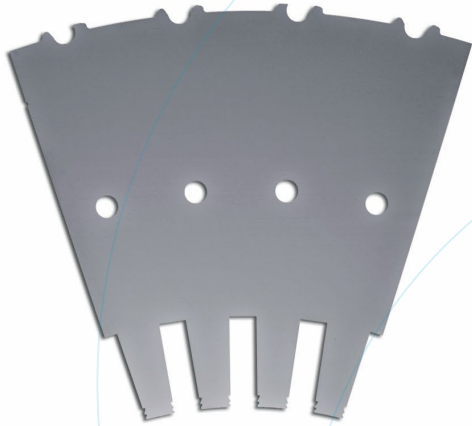


# Motors





Turbo



# Contact us



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