

Hidria Lamtec

**Electrical steel
laminations**
Die-cast rotors





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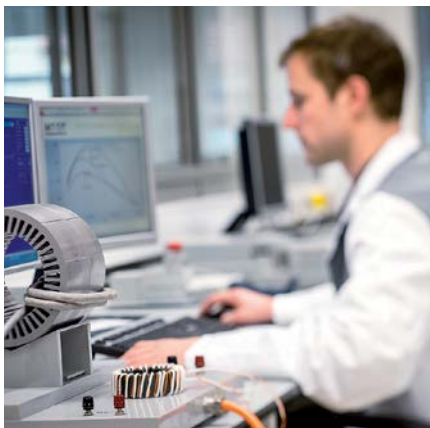
Innovativeness. Experience. Flexibility.

We are leading global and innovative provider of advanced, custom-designed laminations, stator stacks and rotors for electric motor drives.



Efficient support to our partners

Taking advantage of the capabilities of our employees and R&D Institute, we design and produce state-of-the-art stamping tools, automation and lean production processes that ensure the best quality products and attractive workplaces.



■ Core competences

- 50 years of accumulated knowledge about electric motor specially EC-driven
- Own design and production of tools and automation
- Innovative solutions and quick prototyping
- R&D Institute and associated capabilities
- Production locations in Slovenia, Germany, Hungary and the USA

■ Main industries

- Electric and Hybrid Vehicles
- Automotive
- Industrial motor applications
- Pumps
- HVAC
- Power Tools
- Energy
- Automation
- Aerospace
- Medicine

■ Innovative approach and R&D bussines model

- In-house Automation
- Pre-development
- In-house tool production
- Prototyping
- Backlack
- Powder coating
- **Welding Electrical Steel & Stamping Process & Performance Analysis – ‘WESPA’**

Hidria has developed an interdisciplinary approach to resolving customer needs that combines engineering support with pre-development and sales activities, which is yielding significant competitive advantage.





■ Most advanced laboratory facilities

We develop and cooperate with leading R&D material and technologies institutions worldwide. Under the scope of the Hidria Innovative Centre, we research, develop and measure in the following fields:

- geometric analyses,
- chemical analyses,
- mechanical and physical analyses,
- electrical drives,
- heat processing,
- product validation,
- metrology.

■ Cost-optimised processes and technologies

We offer a wide range of the most advanced technologies to ensure full service support:

- rapid stamping,
- annealing,
- rotor die-casting,
- laser welding,
- laser cutting,
- manufacturing stamping tools (e.g. progressive and compound),
- self-bonding,
- stacking (Interlocking ribs),
- powder coating,
- cataphoretic coating,
- automation,
- plastic overmolding,
- stack marking,
- assembly and control,
- calibration,
- packing,
- shaft assembly,
- rotor machining,
- in-line-measuring,
- cleaning,
- clean room production.



Leading

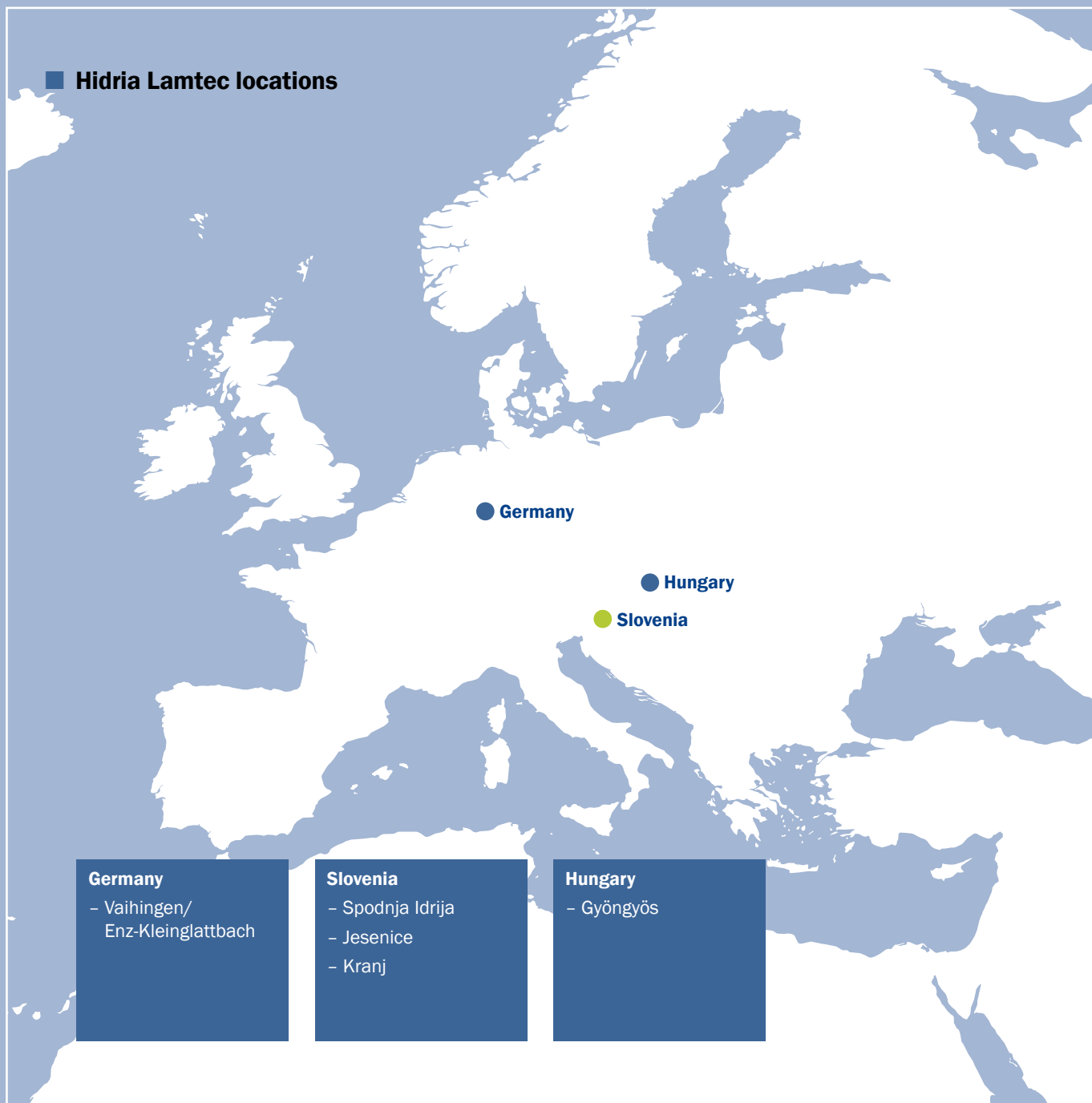
producer of custom designed electrical steel laminations

Constant development and competitiveness on the global market is ensured by intensive investments in development capacities and production technologies. Hidria Lamtec contributes substantial resources to the continuous improvement of selected systems within several fields and is consequently co-driving on the board of the world's most renowned automotive and non-automotive producers today.

Hidria Lamtec strives for excellence in the relationships between employees and business partners. The goal is to achieve product perfection, driven by the desire to offer our customers solutions that are one step ahead of the competitors.



■ Hidria Lamtec locations



Germany

– Vaihingen/
Enz-Kleinglattbach

Slovenia

– Spodnja Idrija
– Jesenice
– Kranj

Hungary

– Gyöngyös



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