



**ADDITIVE
DRIVES**

Rapidly advancing drive evolution Additively manufactured copper windings of electric motors

Additive Drives – 2021



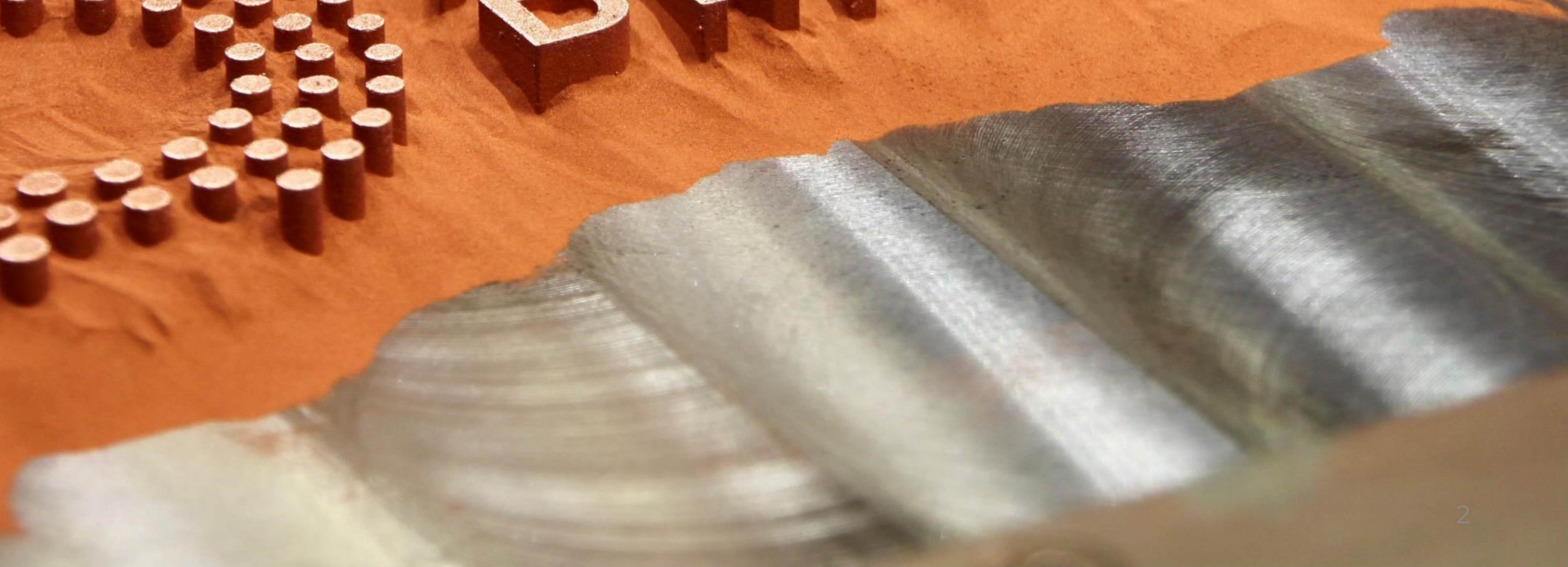
World Leading Copper 3D Printing Process



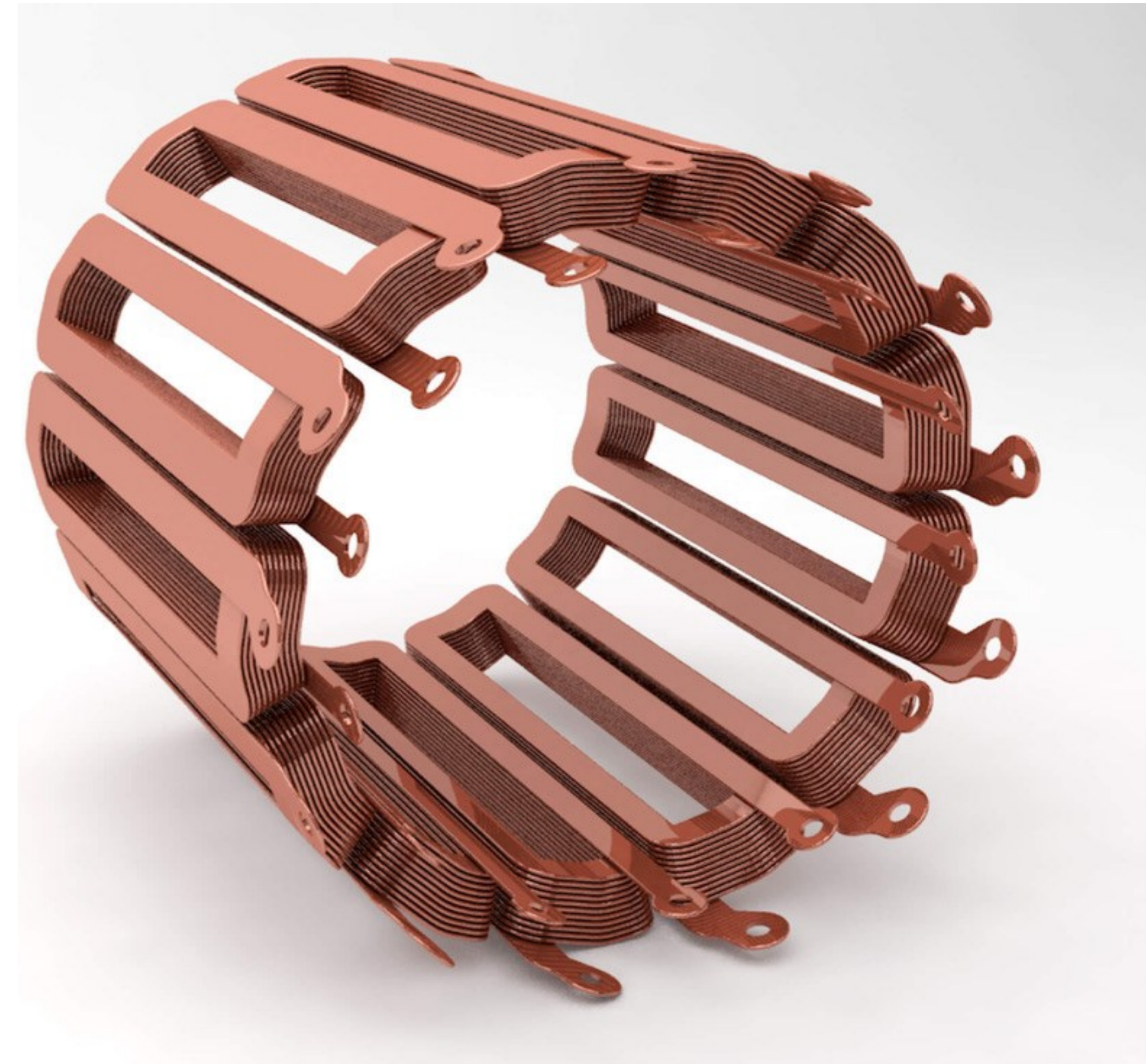
100% IACS electric conductivity (58 MS/m)

In-house manufacturing and development

Unique surface treatment technology



Our value proposition



Fast prototyping of electric motors for A- and B-sample and pre-series

Performance increase up to 45% of electric motors in small series and production lot size 1

Benefit – Hairpin Concepts & Prototyping



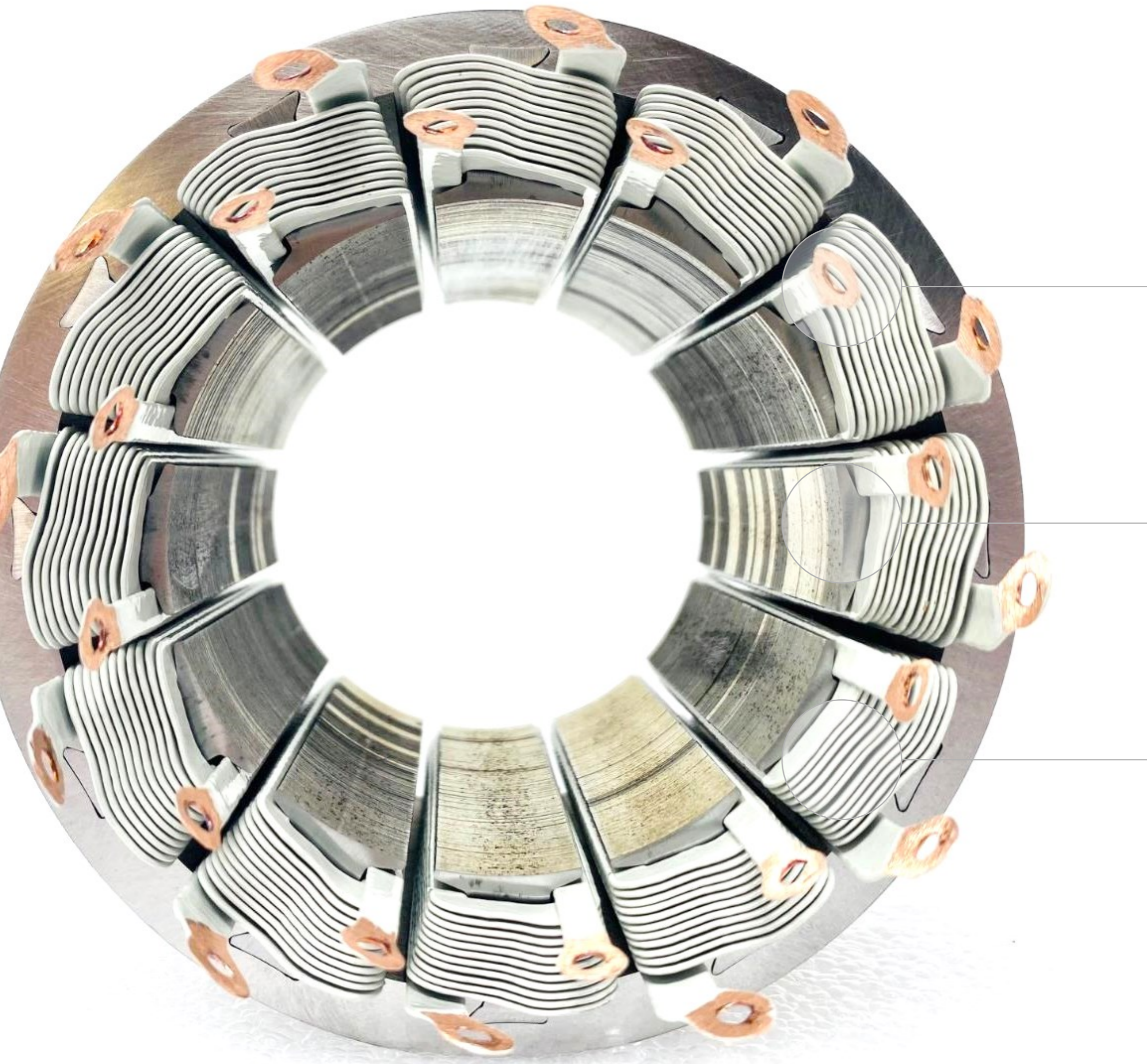
Fast Prototyping

Close to series insulation

High Performance Concepts



Benefit – Performance Increase



Higher copper fill factors

Improvement of the thermal behaviour

*Power Displacement
Optimization*

Additive Drives Company profile



Additive Drives GmbH
Dresden (Saxony – Germany)
Founded 01.07.2020 – 22 employees
Top 10 Tech Companies of 2021

Services

- Design & manufacturing of **electric motors**
- World leading copper 3D printing, insulation & assembly technology for windings
- Print as it is - conventional windings
- Print optimized - high-performance windings



Jakob – CEO & E-Drive Expert

Axel – CTO & AM Expert

Philipp – CFO & Sales

Lasse – Head of Engineering

Contact



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