

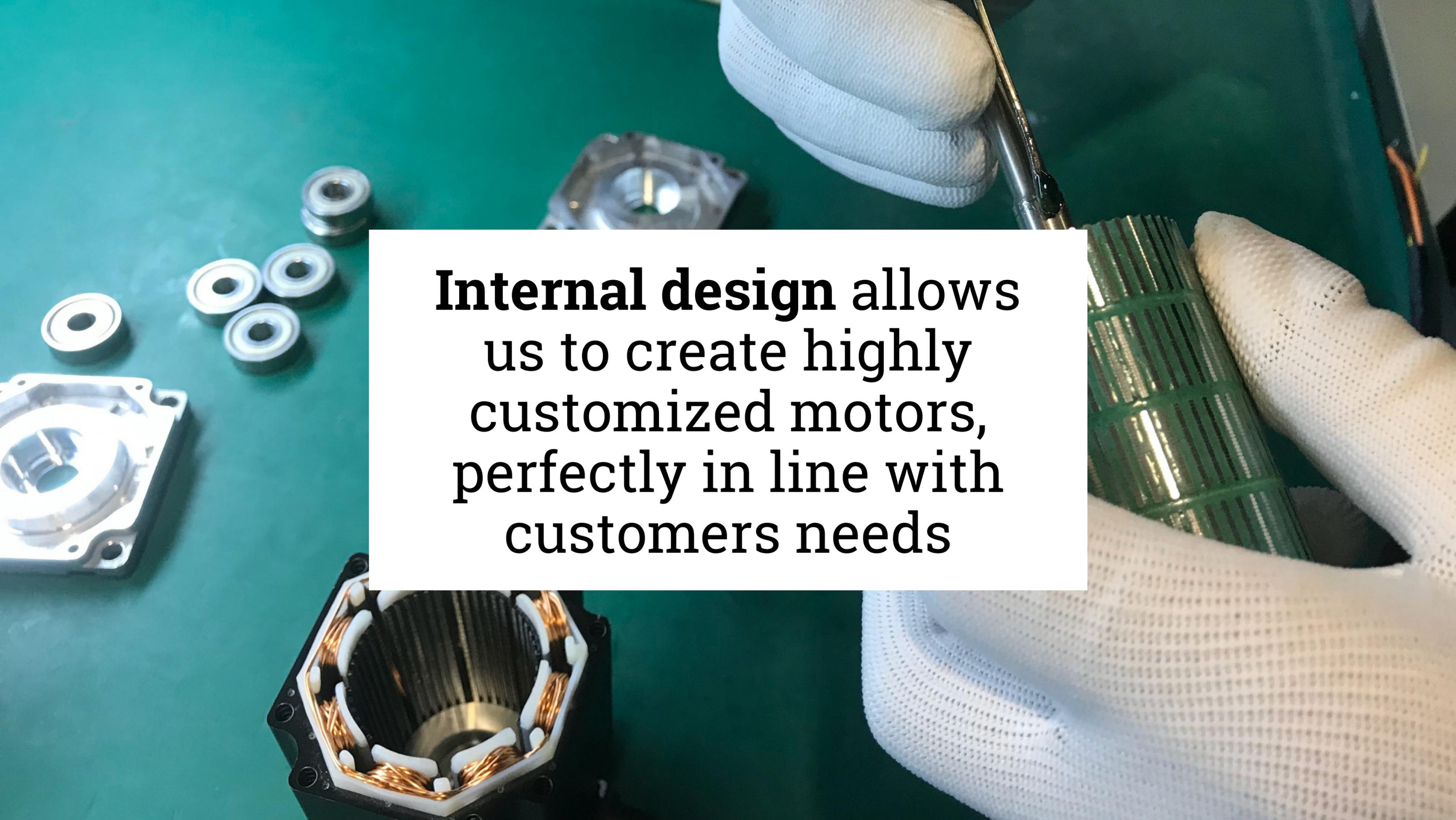
HIGH PERFORMANCE, HIGH EFFICIENCY  
AND DURABLE MOTORS:  
THE PROCESSING STEPS

---

# HOW WE PRODUCE OUR MOTORS

**Ever**  
ELETTRONICA  
the clever drive

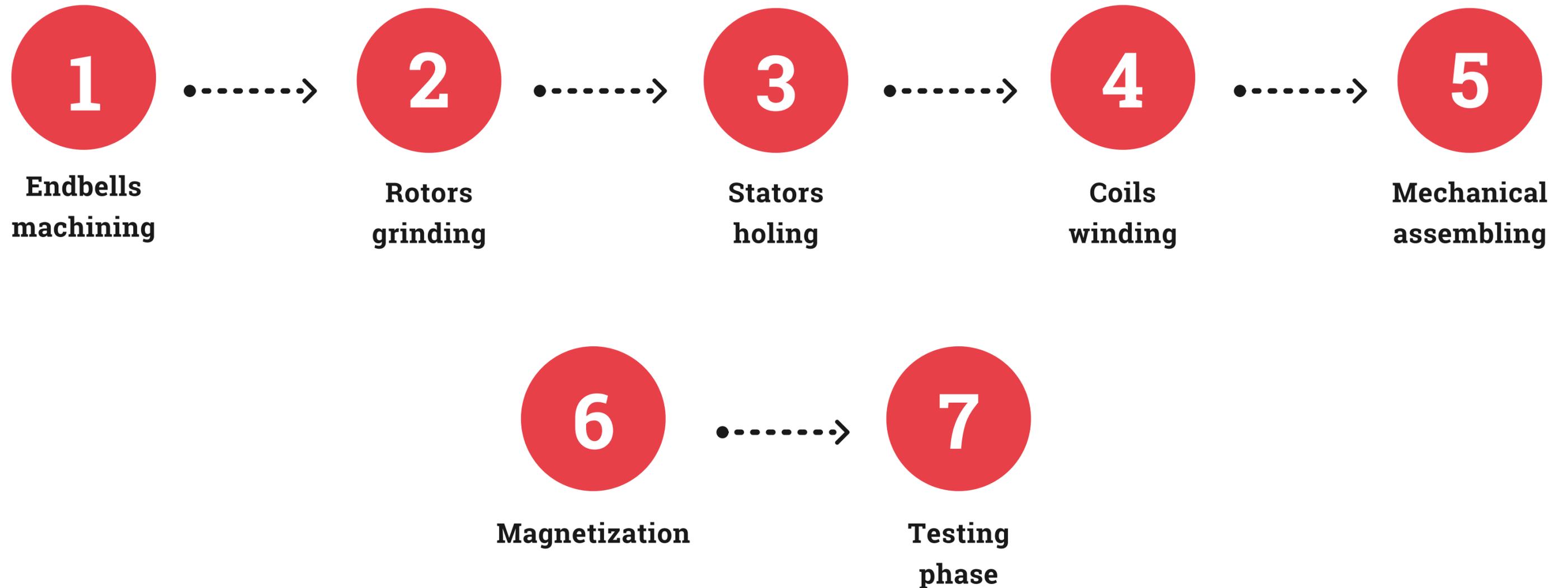




**Internal design allows us to create highly customized motors, perfectly in line with customers needs**

# PRODUCTION PROCESS

## THE PHASES



# Endbells machining

After aluminium die-casting, the flanges are ground and machined to **ensure the precision and the customizations** required by our customers



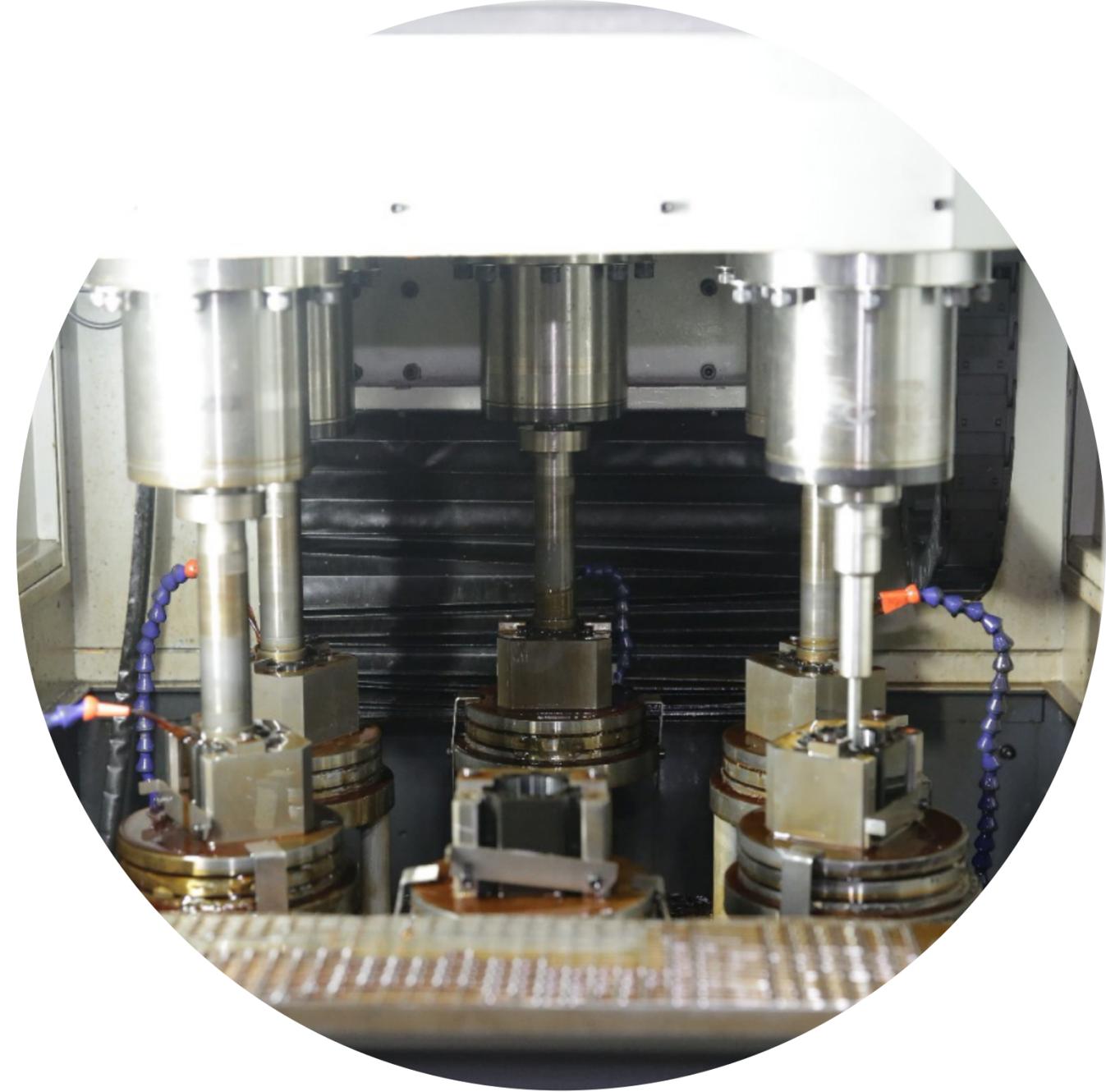
# Rotors grinding

The rotors are first **assembled** with automatic presses, then are **resinated to ensure greater compactness and rust resistance** and finally are ground with automatic grinding machines and with **micrometric precision**



# Stators holing

The stators are **lapped and 100% inspected** to ensure an air gap of a few microns



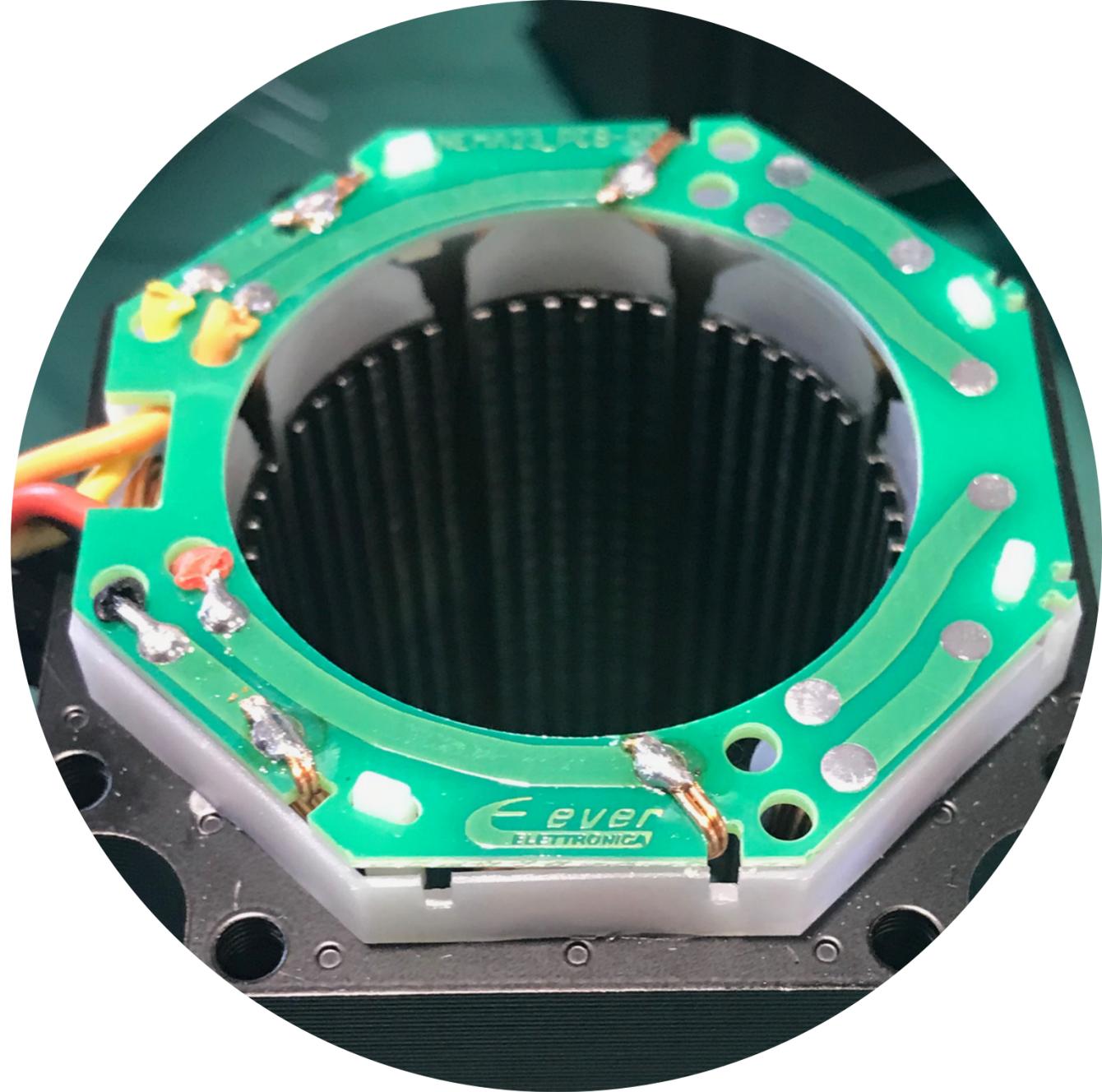
# Coils winding

Each motor, whether BLDC or stepper, is wrapped with automatic winders able to guarantee **repeatability and stability in series production**



# Mechanical assembling

Skilled workers **assemble our motors carefully**, welding the windings to the motor cables with specifically designed PCB and ensuring optimal fixing between axles and bearings



# Magnetization

Each motor, once assembled, is magnetized **ensuring high torque performance**

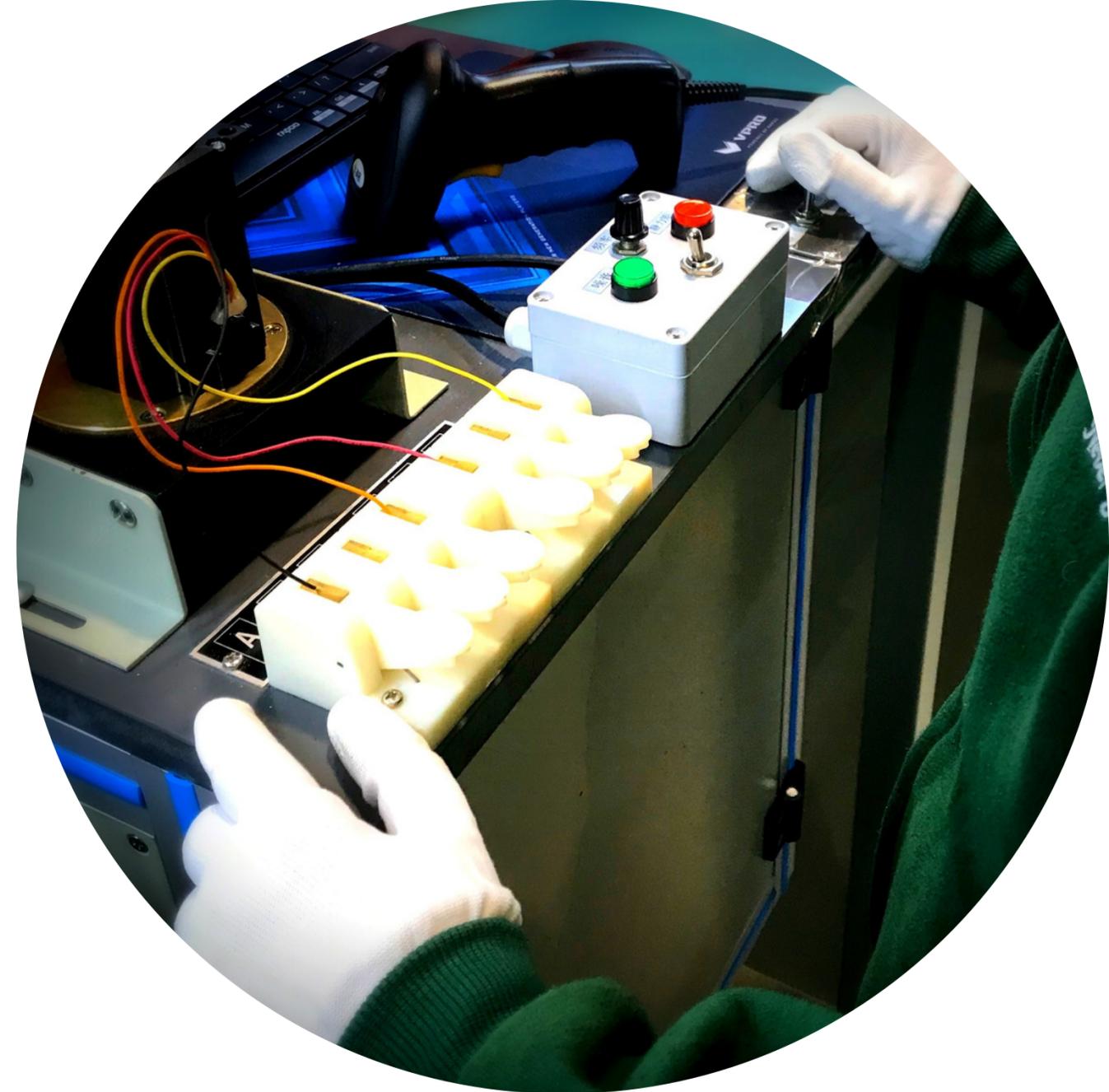


# Testing phase

Our motors are **100% inspected**.

Motors testing phase is carried out by automatic test machines.

**Every data is saved in a database and traceability is guaranteed** thanks to the Serial ID printed on each motor



**"Quality is not random; it is  
always the result of intelligent  
effort."**