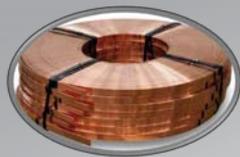


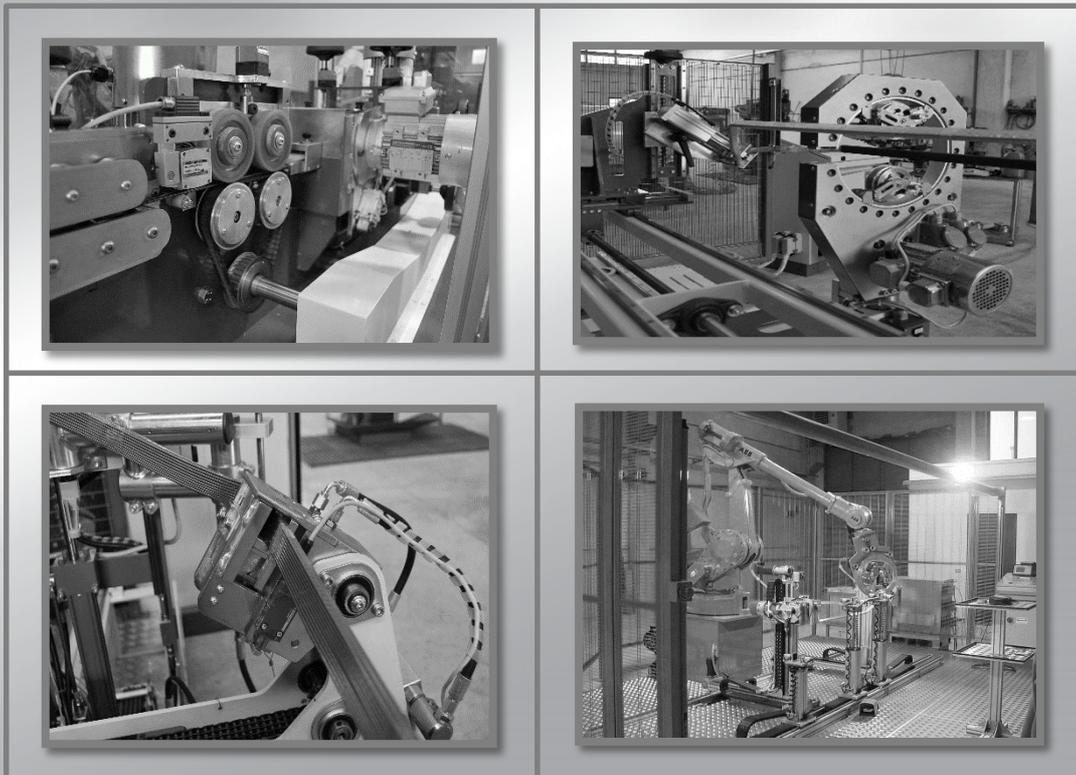
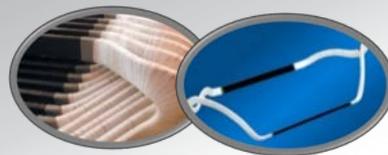
CLOSED COIL

MANUFACTURING PROCESS

FROM Copper COIL



TO Finished Copper COIL



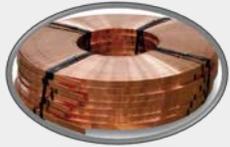
CONCEPT & GENERAL FEATURES

The manufacturing process here proposed uses the latest technologies now available on the worldwide market and relies on the expertise and reliability of RIMAC company, which is has been making automatic machines for electric motor for more than 30 years.

It's perfectly suitable for medium and big repair shops that want to improve their efficiency and performance using the best technology and expertise.

Thanks to the peculiar distinguishing features of the proposed process, a saving of money and time is guaranteed.

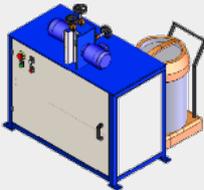
MANUFACTURING PROCESS



- **FROM BEGINNING TO END IN ONLY 5 STEPS**
- **FOR NORMAL AND PRE-IMPREGNATED HEAT SHRINK TAPE**



Starting from a flat copper bar, a Loop race Track Coil is made by a coil winding machine



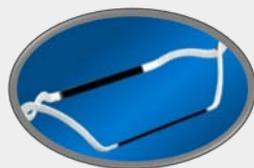
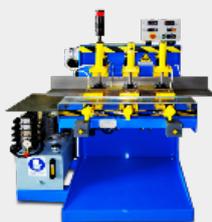
The two leads of the coil need to be stripped and cleaned by a strip and clean machine and manually insulated



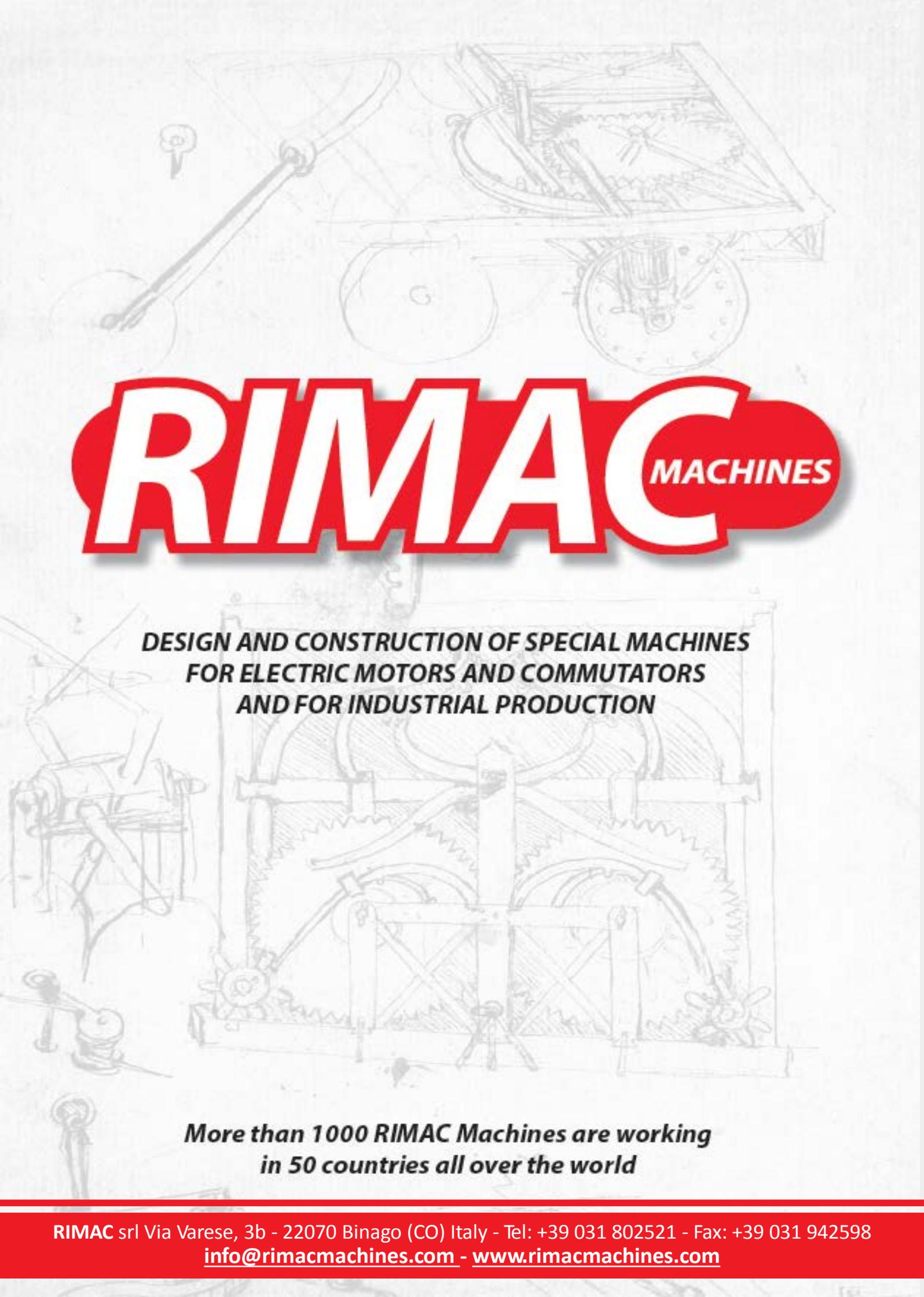
The coil is automatically taped by a robot



A special forming machine is able, in only ONE step, to automatically stretch the race track coils into loop coils and to spread the loop coil, giving it the final shape



An Hot Hydraulic Press machine presses the section of coil. In case of coils wound with a pre-impregnated heat shrink tape, the Hot Hydraulic Press heats the tape for the final transformation

The background of the advertisement is filled with various technical sketches and drawings of mechanical components. At the top, there are sketches of a long shaft with a pulley, a gear mechanism, and a circular component. In the center, a large, detailed sketch of a complex machine frame with multiple gears and shafts is visible. At the bottom, there are more sketches of smaller mechanical parts, including what looks like a motor or a small machine component.

RIMAC MACHINES

**DESIGN AND CONSTRUCTION OF SPECIAL MACHINES
FOR ELECTRIC MOTORS AND COMMUTATORS
AND FOR INDUSTRIAL PRODUCTION**

**More than 1000 RIMAC Machines are working
in 50 countries all over the world**