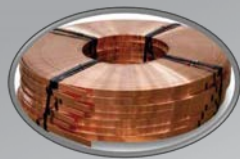


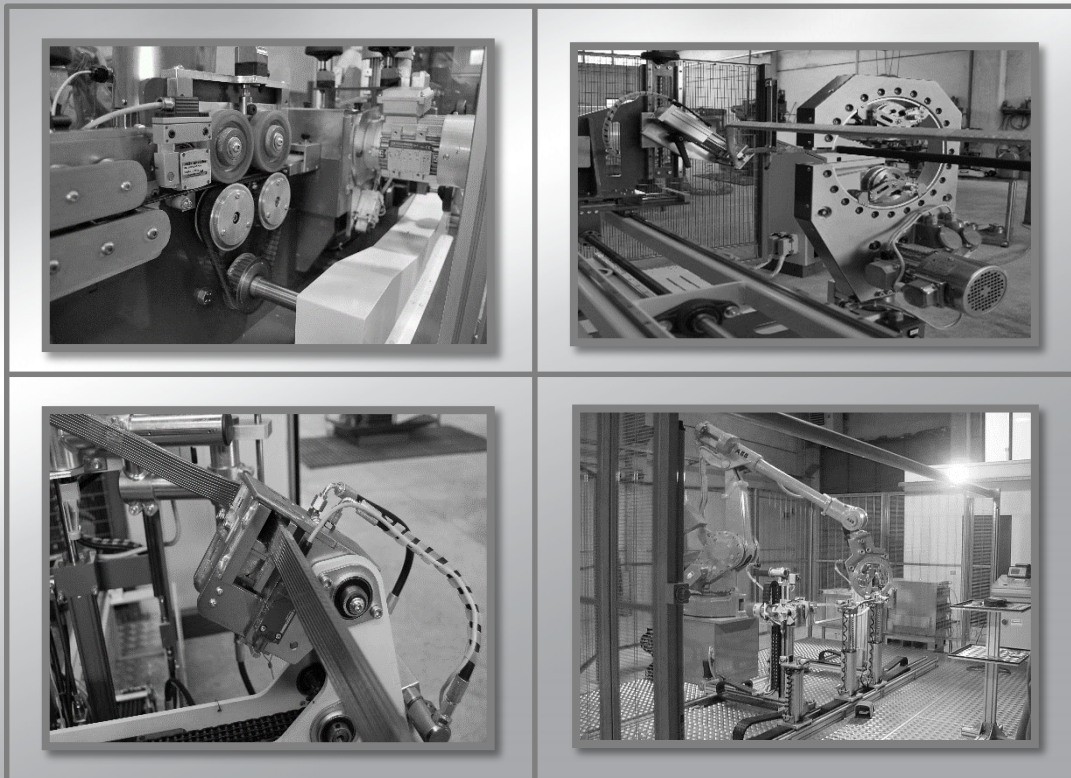
# *CLOSED COIL*

## *MANUFACTURING PROCESS*

FROM Copper COIL



TO Finished Copper COIL



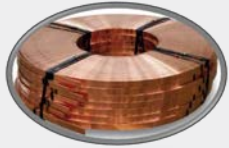
### CONCEPT & GENERAL FEATURES

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.

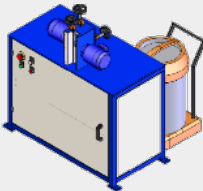
## MANUFACTURING PROCESS



- **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



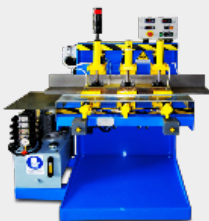
The two leads of the coil need to be stripped and cleaned by a strip and clean machine and manually insulated



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



# **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**