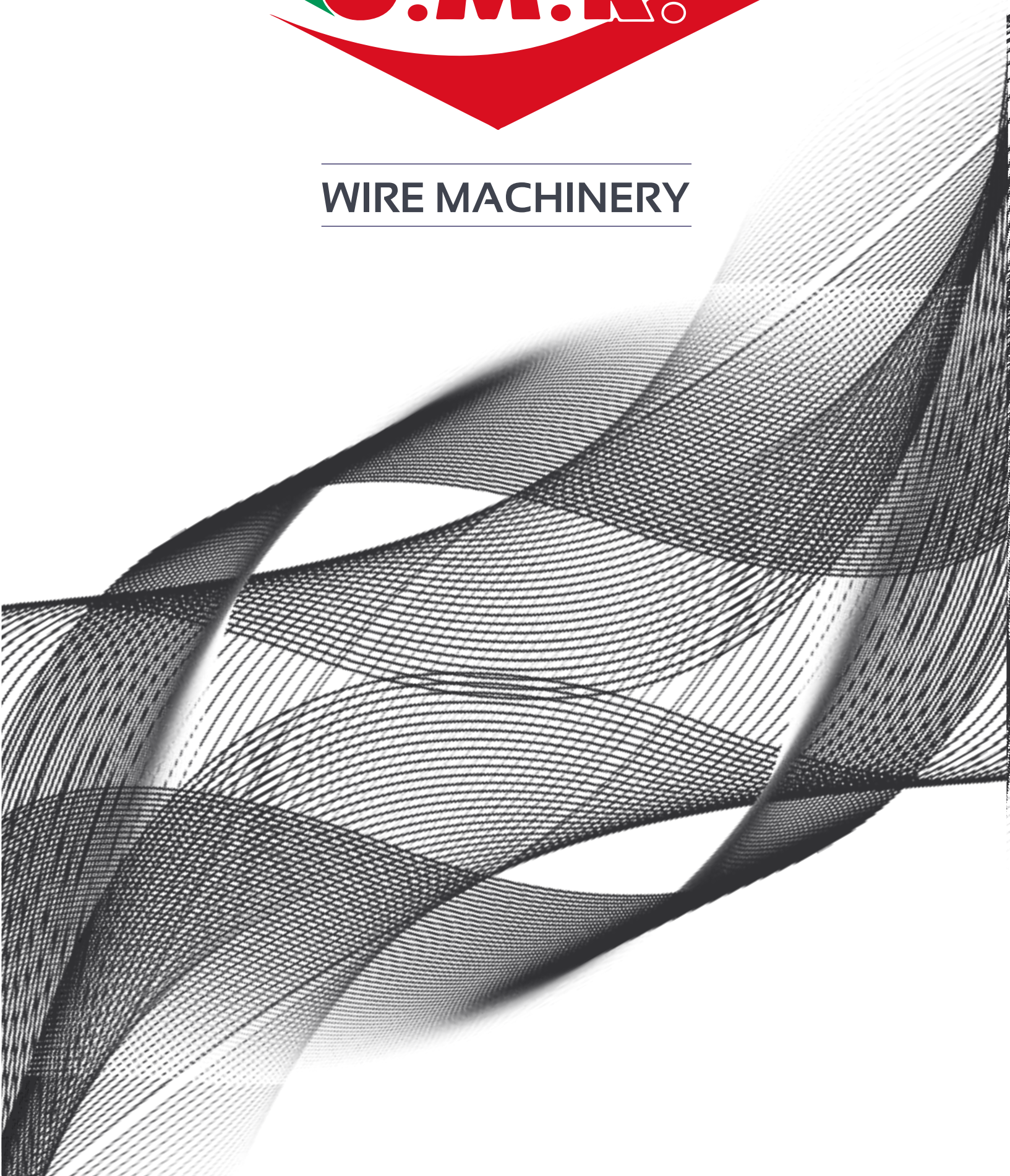




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**WIRE MACHINERY**

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# OMR s.r.l.

The design, an accurate selection of materials, a robust construction and more than 44 years of experience, are salient qualities for a perfect performance of O.M.R. machines.

A technical office with qualified staff studies the development following the specific client's requirements; the project utilises technologies more and more sophisticated to answer better and to satisfy a wide range of productive exigencies in all the sectors of industry.



Headquarters and plastic department



R&D and mechanical department

## MISSION

A machine that certifies the quality of work and products. Our "made in Italy" quality uses all the skills of those who use TIME and PASSION to improve every day. In OMR, each person brings their knowledge to reach that level of quality that is indispensable for the international market.

## VISION

We aim to be creative and constantly evolving in search of an increasingly specialized level in technology and innovation. Industry 4.0, digital and interactive scenarios, robotics ... revolutionary changes that lead us to a serious reflection by asking ourselves about our work and how-to live-in the company. Everyone is a part of and a part of OMR and determines its SUCCESS!



## WIRE MACHINERY

The design, an accurate selection of materials, a robust construction and more than 44 years of experience, are salient qualities for a perfect performance of O.M.R. winders.

A technical office with qualified staff studies the development following the specific client's requirements; the project utilises technologies more and more sophisticated to answer better and to satisfy a wide range of productive exigencies in all the sectors of industry.



# BOBINATRICI / WINDING MACHINES



## Mod. AP1

Automatic parallel 1 spindle Winding Machine Mod. AP1, precise measure control, possibility of yarn end fastening by Clip, Snap or Scotch tape.

- Control of the thread-guide by mechanical translator or electronic system
- Easy adjustment to different dimensions of bobbins
  - Speed and meter control
  - Maximal speed 5000 rpm
  - Different available optional
    - Teleassistance
    - Touch screen

## Mod. AP2-90

Automatic parallel 2 spindles Winding Machine Mod. AP2, precise measure control, possibility of yarn end fastening by Clip or Snap.

- Control of the thread-guide by mechanical translator or electronic system
- Easy adjustment to different dimensions of bobbins
- Speed and meter control
- Maximal speed 5000 rpm
- Different available optional
- Precision meter control with magnetic insert for single spindle
- Teleassistance
- Touch screen



## AP4-90 / 110

Automatic parallel 4 spindles Winding Machine Mod. AP4-90/110, precise measure control, possibility of yarn end fastening by Clip or Snap.

- Thread-guide control by mechanical translator or electronic system
- Easy adjustment to different bobbin dimensions
  - Speed and meter control
  - Maximal speed 5000 rpm
  - Different available optional
- Precision meter control with magnetic insert for single spindle
  - Teleassistance
  - Touch screen



# AVVOLGITORI / SEMIAUTOMATIC WINDERS

## Mod. EP1 / EP2

Semiautomatic parallel Winder with 1 or 2 spindles  
Mod. EP1 / Mod. EP2



## Mod. MPIE

Parallel winder for wires and cables Mod. MPI  
with the possibility of coupling various unwinding devices.



# CANTRE / CREEL

## CREEL

Défilée creel for unwinding aluminium and copper wires.  
Déroulée creel for unwinding stainless steel and aluminium.



# CANTRE MOTORIZZATE / MOTORIZED PAY-OFF CREEL

## Mod. CTM

Perfectly wound bobbins are obtained joining to winding machines and winders the innovative motorized pay-off MOD. CTM which guarantee high feeding speed and a constant and reliable tension control of one or more coupled threads.



# TRECCIATRICI / BRAIDING MACHINES

## BRAIDING MACHINES

The braiding machines complete the wide range of machines designed and manufactured by OMR. For several years, important research and technological development activities have been introduced in the braiding sector and in accessory machines, leading to the creation of vertical-development braiding machines suitable for the production of round or tubular braids with the possibility of choosing between the electronic or mechanical step change.

They are fast and silent machines, thanks to enclosed sound proofing that gives a low noise level (80dBA). The plastic department manufactures and assembles multiple sizes of spindles for braiding machines, spools and various accessories.

## TR115 / TR140

- Braiding machine for braid from 1 to 8 mm
- Number of heads: 1
- Mechanical or electronic pitch change
- Motor power kW: 0,37 / 0,75 / 1,1 / 1,5
- Carriers per head: 8-12-16-20-24-32
- Gauge size mm: 115/ 140
- Bobbin size mm: 55x130/ 55x175 / 65x105
- Bobbin volume cm<sup>3</sup>: 269/ 349/ 194
- Meter control
- Speed: max 250 rpm
- Parallel rewinding



## TECNOLOGIA / TECHNOLOGY

Multifunction control terminal, 100 programs which can be memorised, serial exit for PC connecting and teleassistance. Possibility of connection with the office to send orders or production, data and parameters download.



## GUIDAFILO / THREAD- GUIDE

Electronic set going or mechanical linear unit.



## AUTOMAZIONE / AUTOMATION

All functions and pneumatic movements are controlled by a PLC. Different solutions in collecting process of wound spools allow a larger autonomy and lower labour costs.



## DISPOSITIVO FISSAFILO / THREAD- FASTENING DEVICE

With SNAP mobile flange, metallic Clip or scotch tape.



## ASSISTENZA E RICAMBI / ASSISTANCE AND SPARE PARTS

The customer is following in every step. Competent and trained technicians can assist with every need and request.



## PERSONALIZZAZIONE / CUSTOMISATION

We build machines for the customer's needs.





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& PLASTIC DEPARTMENT**

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