

INSULATION SYSTEMS FOR CODUCTORS

For wire , flat wire and rope



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INDUSTRIAL SERVICE

DI CLEMENTE DAGHETI

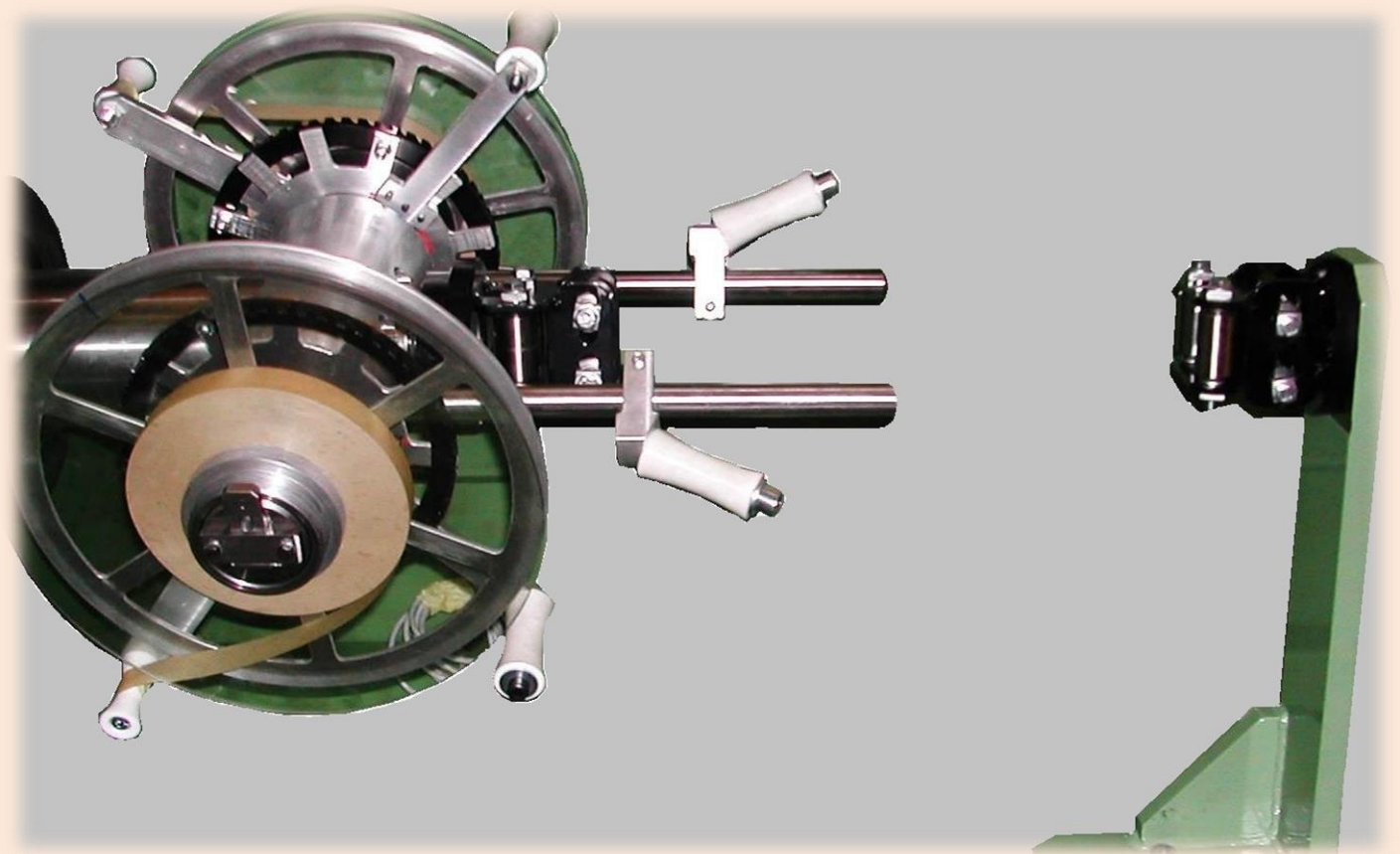


- Mechanical factory
- Mechanical constructions
- Installation of plants
- Services for industry

INSULATION SYSTEMS FOR CONDUCTORS



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VERTICAL INSULATION SYSTEM for WIRE



Vertical taping line suitable for insulated conductors with round section (wire- strand conductor) completely modular. On this machine may be installed 3 types of insulation heads (tangential head, concentric head, head for yarn), and these are replaced in few minutes.

All production parameters are setting by touch-screen panel.

The frame is realized in welded thick sheet steel and it's worked through CNC tool machines.

There are also included : idle Pay-off with adjustable pneumatic braking system,

n°2 taping modules controlled by AC motors ,

Take-up with wire-guide system and independent motorized AC.

Maximum line Speed : 40 m /min. Conductor capacity & spools dimension

can be personalized on customer request.

VERTICAL INSULATION SYSTEM for FLAT WIRE



Vertical taping line suitable for insulation of conductors with a rectangular section (flat wire) completely modular. On this machine may be installed 3 types of insulation heads (tangential head, concentric head, head for yarn), and these are replaced in few minutes.

The frame is made in welded thick sheet steel and it's worked through CNC tool machines.

There are also included : idle Pay-off with adjustable pneumatic braking system, n°2 taping modules controlled by AC motors ,

Traversing Take-up motorized AC & independent platform in order to load &unload the reel.

Maximum line Speed : 40 m /min.

Diameter of reels & section of wire conductors can be personalized on customer request.

HORIZONTAL INSULATION SYSTEM for FLAT WIRE



Horizontal taping machine suitable for insulation **of conductors with a rectangular and round section**
(flat wire- wire- strand conductor)

completely modular. On this machine may be installed 3 types of insulation heads
(tangential head, concentric head, head for yarn), and these are replaced in few minutes.
The frame is made in welded thick sheet steel and it's worked through CNC tool machines.

On this machine may be installed 4 taping types controlled by AC motors.

Maximum line Speed : 40 m /min. Diameter of reels & section of wire conductors
can be personalized on customer request.

RANGE OF INSULATING HEADS

Tangential taping head suitable for insulating tape. The peculiarity of this head is the ease of use because, after setting the various parameters of the final product that we want to obtain (conductor dimension, percentage of overlap, etc.), the program provides a value into the machine that allows the operator to set the accurate head adjustment.



The tape tension is performed by a self-regulating system of springs. The head is equipped with a tape broken alarm system and an alert system of end tape.

Technical Details:

Number pad for head: 1 – 2 - 4

Max pad diameter: 300 mm

Speed Head: **1000 rpm**



Concentric taping head suitable for insulating tape. The tape tension is performed by a self-regulating system of springs. The head is equipped with a tape broken alarm system and an alert system of end tape.

Technical Details:

Number pads for head: 1

Max pad diameter: 300 mm

Speed Head: **3000 rpm**



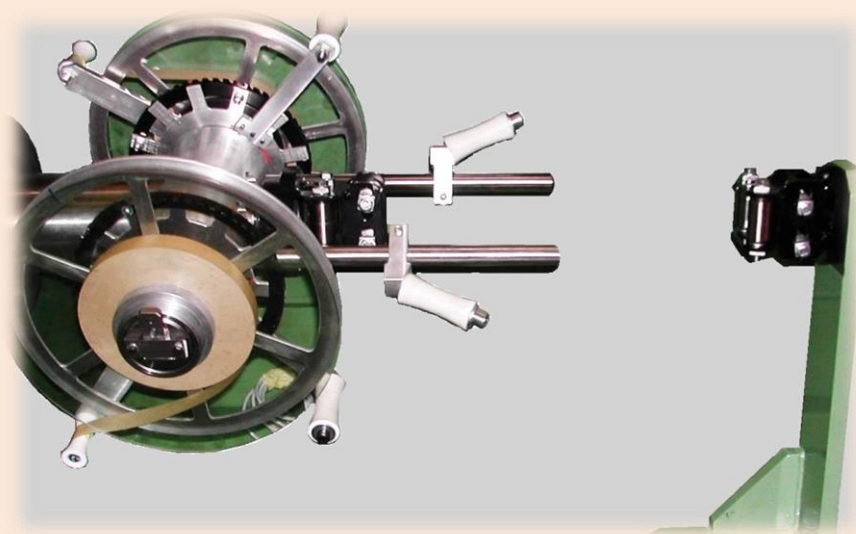
Tangential insulating head suitable for insulated yarn. The tape tension is performed by a self-regulating system of springs. The head is equipped with a tape broken alarm system and an alert system of end tape.

Technical Details:

Number pads for head: 1 - 6

Max pad diameter: 150 mm

Speed Head: 1000 rpm



Tangential taping head suitable for insulating tape. The tape tension is performed by a self-regulating system of springs. The head is equipped with a tape broken alarm system and an alert system of end tape.

Technical Details:

Number pads for head: 1 - 4

Max pad diameter: 300 mm

Speed Head: **1000 rpm**

TAKE-UP FOR INSULATED CONDUCTORS



Take-up placed inside the insulated machines realized in order to wrap the **wire conductors of round section (wire – rope)** by traversing system motorized in C.A.

Technical Details:

Spool dimensions: on personalized customer request

Speed line: 40 m/min



Traversed take- up placed inside the insulated machines realized in order to wrap the **wire conductors of rectangular section (flat wire)** by traversing system and a specific platform in order to load & unload the reel.

Technical Details:

Spool dimensions: on personalized customer request

Speed line: 40 m/min



Independent **Traversed** take- up suitable for insulated machines, realized in order to wrap the **wire conductors of rectangular section (flat wire)**. The reel is supported by a motorized oscillating arm able to unload the reels on the floor without the use of lifting equipments.

Technical Details:

Spool dimensions: can be personalized on customer request .

Speed line:40 m/min

Contact:

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