



OBSA MTC INDUSTRIE SRL

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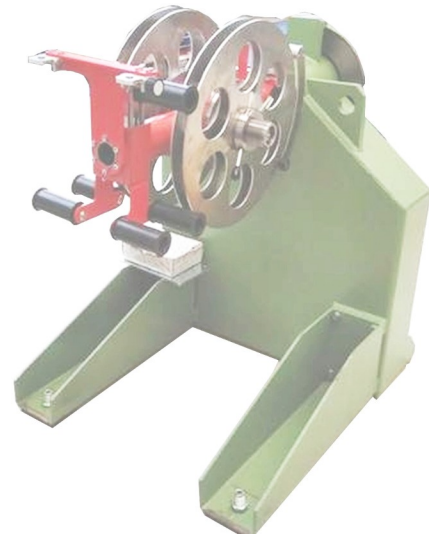
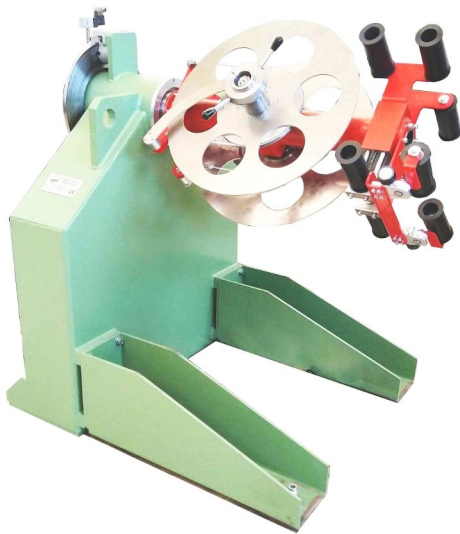
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DOUBLE ROTATIVE TAPING MACHINE MODEL TNL2

We have several versions capable to accept rolls of \varnothing 400-500-600 mm with minimum width of 20 mm e max 50 mm, core tape support \varnothing 75-80 mm.

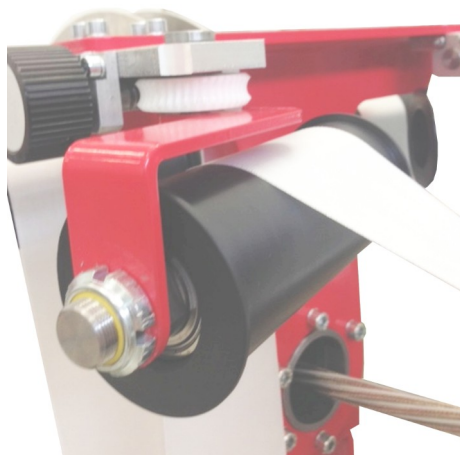
The system of guidance and tensioning of the tape allows to work tapes of various materials such as alluminum, copper, Mylar-alluminum/copper, technical fabrics, Mylar; PP, Teflon, etc.

All versions of rotating taping machines are completely automated and commanded by PLC, the operator may vary the speed and step while the machine is in rotating mode.



Technical Features

- The body of the machine is made of metal sheets bent, welded and normalized.
- The rotor is supported by robust ball bearings and connects to a break disk and two plates for supporting the tape.
- The plates are equipped with a system for regulating the tensioning of the tape which ensures consistent and uniform tape tensioning during the operation through complete unrolling.
- Each tape is guided to placement onto the roll via a series of adjustable rollers.





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The operation is powered by a DC or AC motor depending on customer needs and it is connected to a rotor via pulleys and toothed belts.

If the customer desires, we can integrate the taping machine into an existing production line or into a new line complete with an unwinding, tensioning piller, and winding system.

Function

The machine is equipped with a command panel which includes command for the motor and PLC interface. All components are high-quality and in conformance to industry standards.

The command stand consists of a display, keyboard and touch screen to allow the operator to input settings.

All parameters are visualized on the display. The command INCREASE-DECREASE allows to set and regulate the machine's parameters even while in operation:

- Production speed
- Laying path

Safety Devices:

- The machine does not start-up if all security measures are not in place, protective panels closed, etc.
- The machine stops automatically if the tape breaks.

All anomalies are displayed on the command panel

In case of an anomaly, the machine stops via a pneu-hydraulic emergency break which stops the production of cable within a few seconds without modifying the coiling step setting.

Accident protection carter, composed of fixed stainless steel panels and plastic (PET-G) movable panels to allow loading and inspection of rolls during the operation.

The panels are assembled on an anodized aluminum frame which can be disassembled if needed.

The movable panels are equipped with a lock mechanism which allows access to the rotating parts of the machine ONLY when the machine is at a complete stop.

The rotating taping machine noise level, under normal operation, is less than 75 DbA.





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COMPLETE HORIZONTAL TAPING LINE WITH 2 HEADS

