



FLAT WIRE... AND NOT ONLY



SUCCESS AND QUALITY GUARANTEE

VARO, since 1979, has been one of the main European brands for design and supply of machines for the transformation of metal wire.

The company, founded and led by the Rota family, has established itself on the markets international thanks to the very high quality and reliability of its machines. VARO, born in a territory traditionally linked to processing and transformation of metal wire, has grown by truly focusing on the customer's needs. VARO, during the years, has been able to earn, in the eyes of sector operators, the role of partner reliable and trustworthy.

By virtue of the presence of an advanced internal mechanical department equipped with the most recent technologies in the field of machine tools, VARO is able to study and implement any possible equipment ensuring the customer maximum adherence to own project needs.



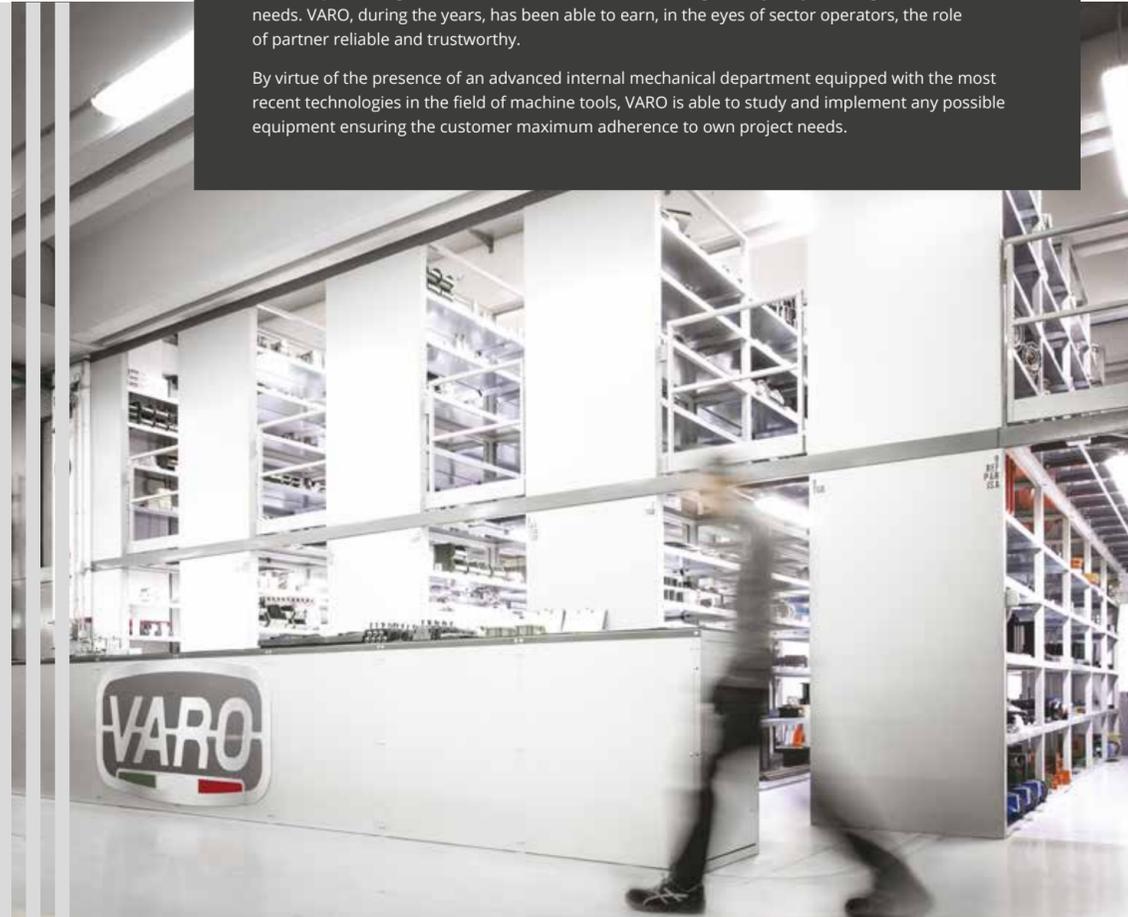
Wire processing machineries



For customers converting square and / or rectangular section wire, **VARO** has designed **TP**.

TP through the use of static rollers allows you to work sections of wire otherwise impossible to process with the rotary system of the TRF. Another identifying feature is given by the use of an encoder to control the length of the bar.

TP can house presses that allow head-tail molding, numerical codes, slots etc.



STRAIGHTENING
AND CUTTING

TRF | TP

VARO SRL

Via Roma, 87
23868 Valmadrera (LC)

+39 0341 580164
info@varo.it

Wire processing machineries

VARO.IT

TRF | TP

Machine for straightening and cutting metal wires

- WELDING
- FORMING
- CUTTING**
- ACCESSORIES
- SPECIAL LINES
- ROBOTIZED ISLE



SPEED AND MAXIMUM ACCURACY



One of the leading and most representative products of the **VARO** offer is the **TRF** wire straightener. Robustness of the components, high performance and maximum reliability are the concepts that have guided its design.

To meet the market's need for product supplies in a very short time, shorter response times are also required in the metal wire processing industry. Aware of this need, VARO has given new impetus to batch production of **TRF**.



TECHNOLOGY...

Thanks to its proximity and close relationship with its customers, **VARO** has been able to introduce new and more performing technologies, guaranteeing better and more detailed production control.

Mechanics and electronics of the **TRF** are combined to make it fast, reliable, easy to use and maintain and, above all, always precise. The interface placed on the machine has been developed to be as easy as possible to use and program by the operator.

The maintenance system allows to detect, even remotely, the need for intervention and automatically communicates the operations to be performed for correct maintenance of the machine. These remote operations are performed and coordinated exclusively by specialized and competent technicians.

PROMPT DELIVERY

Thanks to an improvement in the internal organization of production processes, and to an optimization of production costs and times, **VARO** has been able to significantly reduce delivery times.

With a company department entirely dedicated to her, it is easy to find it, literally, ready for delivery.

PRODUCTS SHEETS



TP



TRF

For more information scan the QR Code.

BENEFITS

Thanks to its high productivity and maximum reliability, it was able to quickly become one of the main and appreciated references in its product category.

Quick setup times, simple and intuitive interface and standard equipment among the most complete in its category, have allowed TRF to establish itself on the market as the best solution for the production of cut wire bars.

Complete equipment for 3 wire diameters (dragging guides, cutting unit, wire straightening bushes).

Reel and straightening rotor with variable speeds and electronically controlled by the machine.

Mechanical stops for checking the cutting length.

Feeding with reels from 12 to 30 qt.

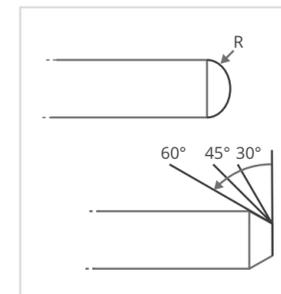
Customizable both in aesthetics and in the length of the counter, it can be equipped by dedicated accessories to increase its capabilities and manufacturing possibilities. Among the popular options is the **VARO** chamfering machine (with abrasive belt or chip removal) in order to speed up the creation of pre-cut chamfered bars useful above all in the world of "white".

... NOT ONLY CUT & STRAIGHTEN

In some applications, such as in the household appliances sector, there is a need for greater attention to the safety of the end user. From this request arises the need to "break" the cutting edge resulting from cutting the wire after straightening.

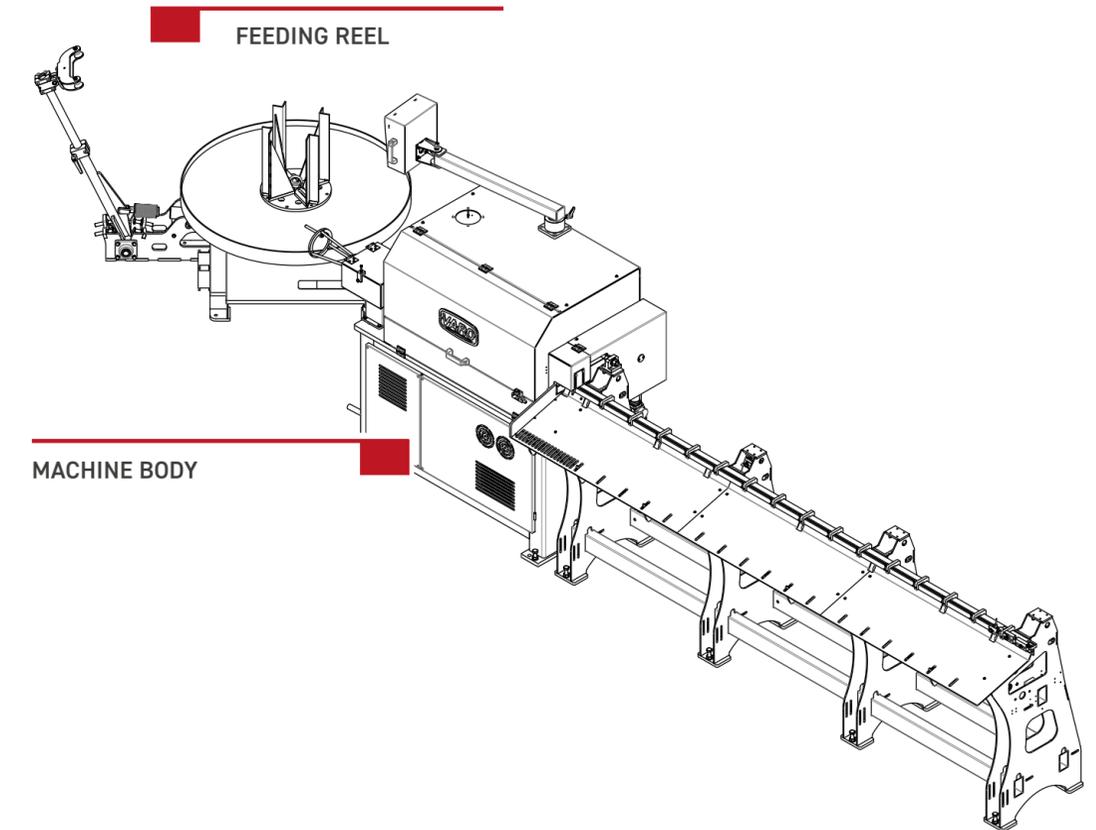
Thanks to the in-line installation of the bevelling machine – chamfering or deburring unit, **TRF** guarantees compliance with safety through the rapid production of rods with ends:

Blunt with a sanding belt



Beveled at 30°/45°/60°

TRF IS THE WIRE CUTTER THAT ALL COMPANIES SHOULD HAVE



	Ø 5 mm	Ø 8 mm	Ø 12mm
Wire diameter min/max	1.5 - 5 mm	1.5 - 8 mm	3 - 12 mm
Wire length min	80 mm	100 mm	150 mm
Precision on the width	± 0,1 mm/n	± 0,1 mm/n	± 0,1 mm/n
Max speed	120 m/min	120 m/min	120 m/min
Installed electrical power	8,5 kW	16 kW	22 kW



**RELIABILITY
EFFICIENCY
HIGH PERFORMANCE
IN THE DNA OF TRF**



CONSTANT MONITORING

In the 4.0 set-up VARO is able to provide all the necessary and relevant information about production trends as well as about the functionality of the machine itself. The information collected allows you to have a clear view of productivity, **also available remotely and from smartphones thanks to the new MyVARO APP:**

Alarm history

Recipe history

Production history