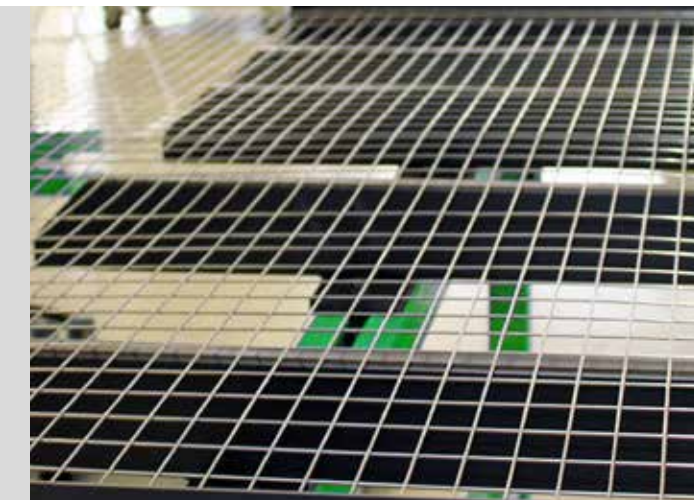




BENEFITS

- Easily accessible and adjustable soldering bridge
- High quality welding in alternating current. Reliable and highly resistant
- Electronic control of the correct positioning of the wires
- Quick change of size and pitch of transversal wires electronically controlled
- Quick adjustment and tooling of the welding heads
- Fully automatic loading and unloading unit suitable for medium-large production batches
- Integration of straightening machines, cutting machines (cutting units), presses, molds. Cross joggers and tensioners.
- Intuitive operator guide with touch screen for setting the welding and production parameters
- Through special in-line notching units, SAR produces meshes and panels with "windows".
- Monitoring / remote assistance for remote maintenance and diagnostics through a dedicated online portal



EASE OF USE HIGH PRODUCTIVITY AND VERSATILITY

Technical details, typical functional ranges and more detailed information on the technology at basis of **SAR** automatic welders for meshes & shelves. **VARO** uses modular mechanical engineering to meet customer needs and expectations.

Bridge - width	Up to 2.500 mm
Length of longitudinal line	From reels
Cross wire length	200 - 2.500 mm
Wire diameter	1,5 - 8,0 mm
Minimum pitch of longitudinal wires	10 mm
Minimum pitch of transversal wires	8 mm
Transformer welding power for single welding head	Up to 150 kVA
Number of transformers	According to the product
Number of welding heads	According to the product
Type of welding heads	Double - Triple stage

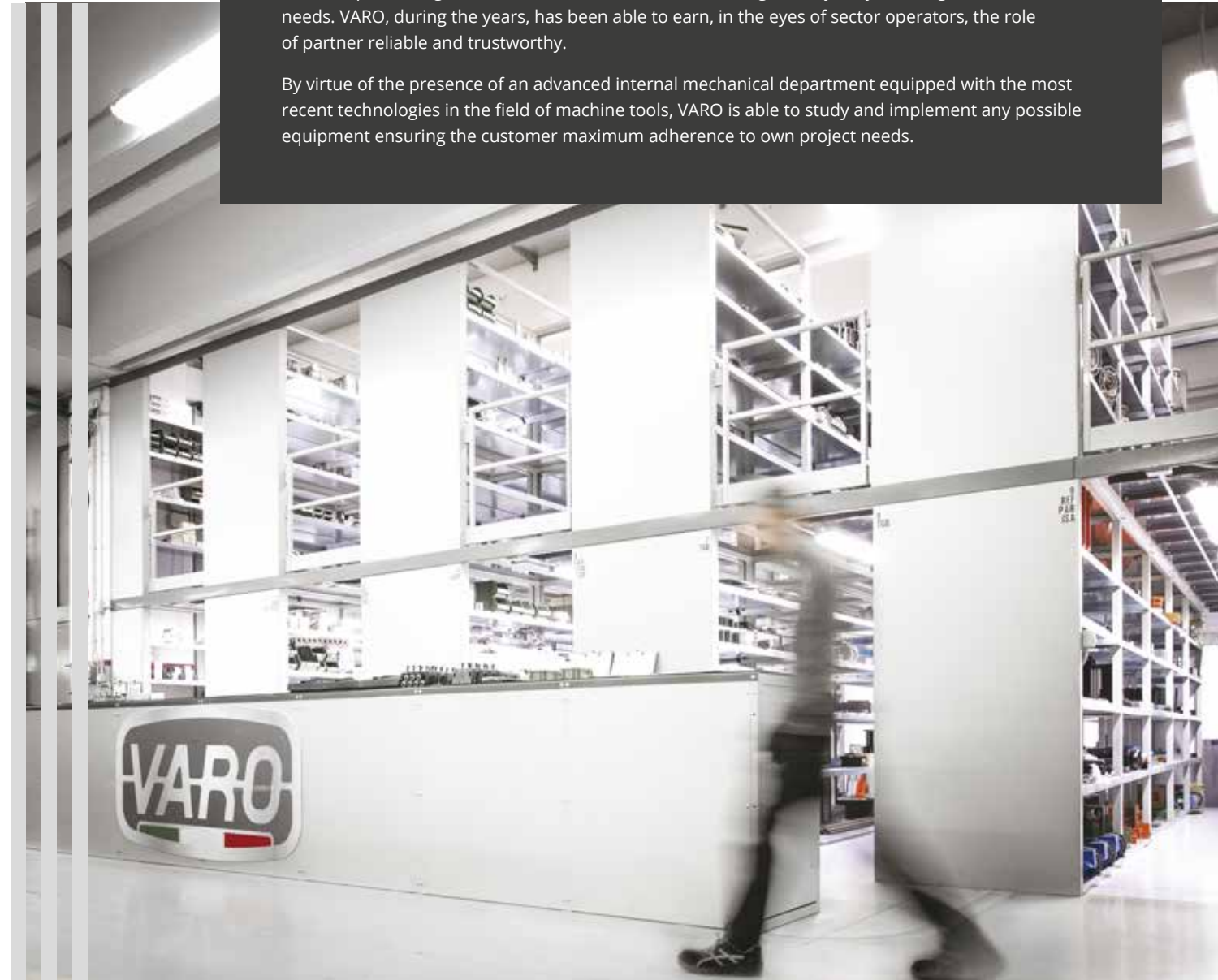
SAR

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.



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Wire processing machineries

VARO.IT



Wire processing machineries

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FLEXIBILITY AND HIGH PRODUCTIVITY

The high storage costs and the need for continuous product changes have prompted VARO to create a machine that exactly meets the demands for extreme flexibility.

SAR, using the direct coil feeding system, it creates mesh, roll mesh, fences and gratings according to the customer's needs. **SAR** combines the highest quality of the finished product with excellent productivity, never losing sight of the ease and speed of product change.

Thanks to its many equipment combined with ease of use and low maintenance costs, the **SAR** family of welding machines represents the perfect balance between flexibility and productivity.



PRODUCTS

Mesh panels	Grids
Temporary fences	Animal cages
Rolled Mesh	Storage mats
Construction mesh	Reinforcement mesh
Construction gabions	Mobile fences

PRODUCTS SHEETS

For more information
scan the QR Code.



SAR

Automatic welding machine

WELDING FORMING CUTTING ACCESSORIES SPECIAL LINES ROBOTIZED ISLE





DESIGNED ON THE CUSTOMER'S NEEDS

After analyzing the customer's production needs, the design of a SAR welder takes place through the identification of the characteristics of the 4 sectors making up the plant.



PAYOFF AREA 1.

Longitudinal wires	Number of coils
	Payoff type: not motorized, motorized
Cross wires	Automatically fed loader
	Manually fed magazine
	Direct feed from reel

STRAIGHTENING AREA 2.

Longitudinal wires	In accordance with the product
straightening system	Static rollers

BRIDGE WELDING 3.

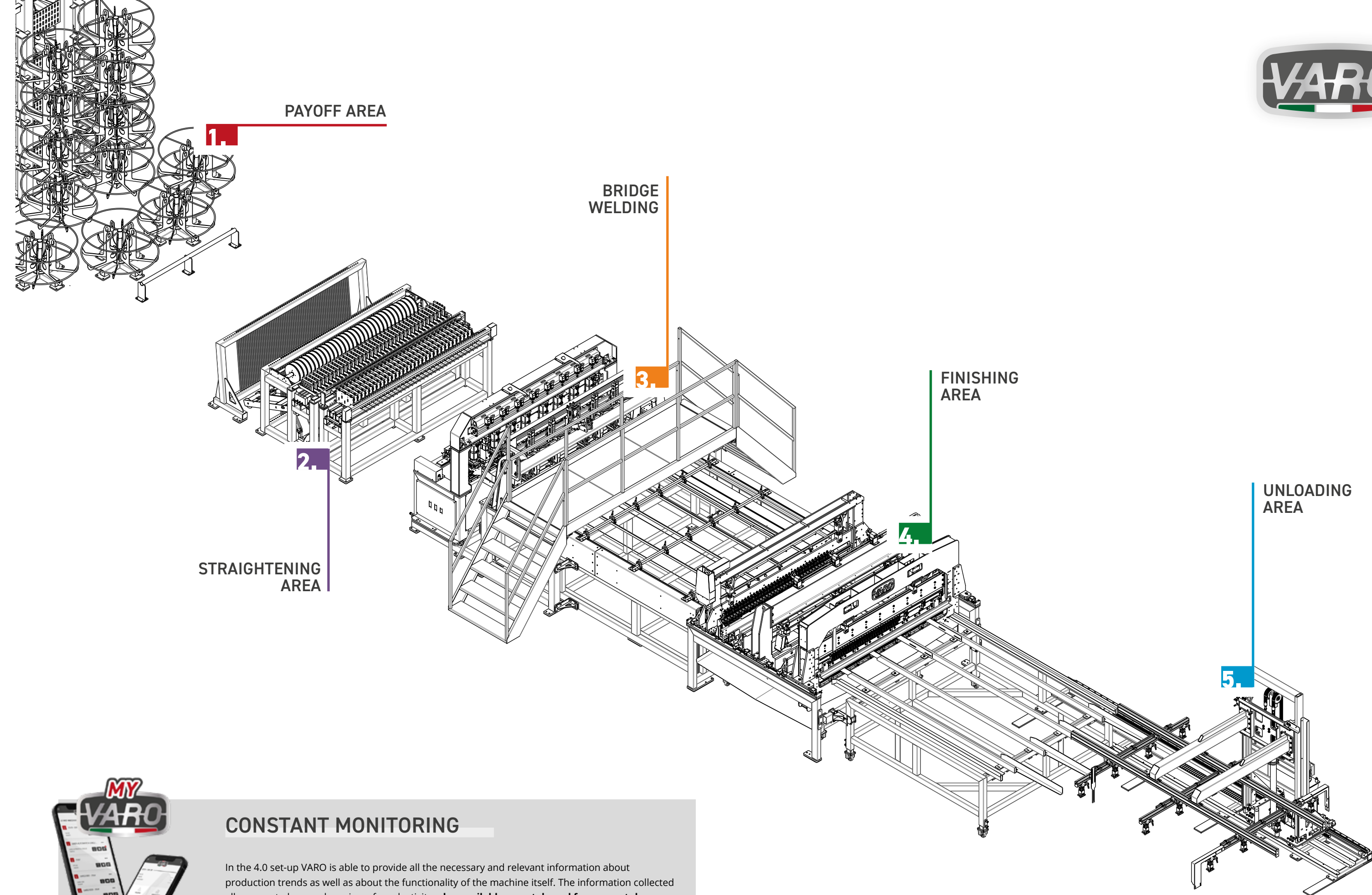
Useful width	1200 - 1600 - 2000 - 2500 mm
Welding heads	# number - In accordance with the product
	# number - In accordance with the product
Transformer	Mono phase
	Power - In accordance with the product

FINISHING AREA 4.

Side cutting units	# number - SX / DX - In accordance with the product
Central cutting units	# number - In accordance with the product
Panel cutting	Shear

UNLOADING AREA 5.

Palletizer
Hydraulic platform
Free Fall
180 ° tilter
Winder



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