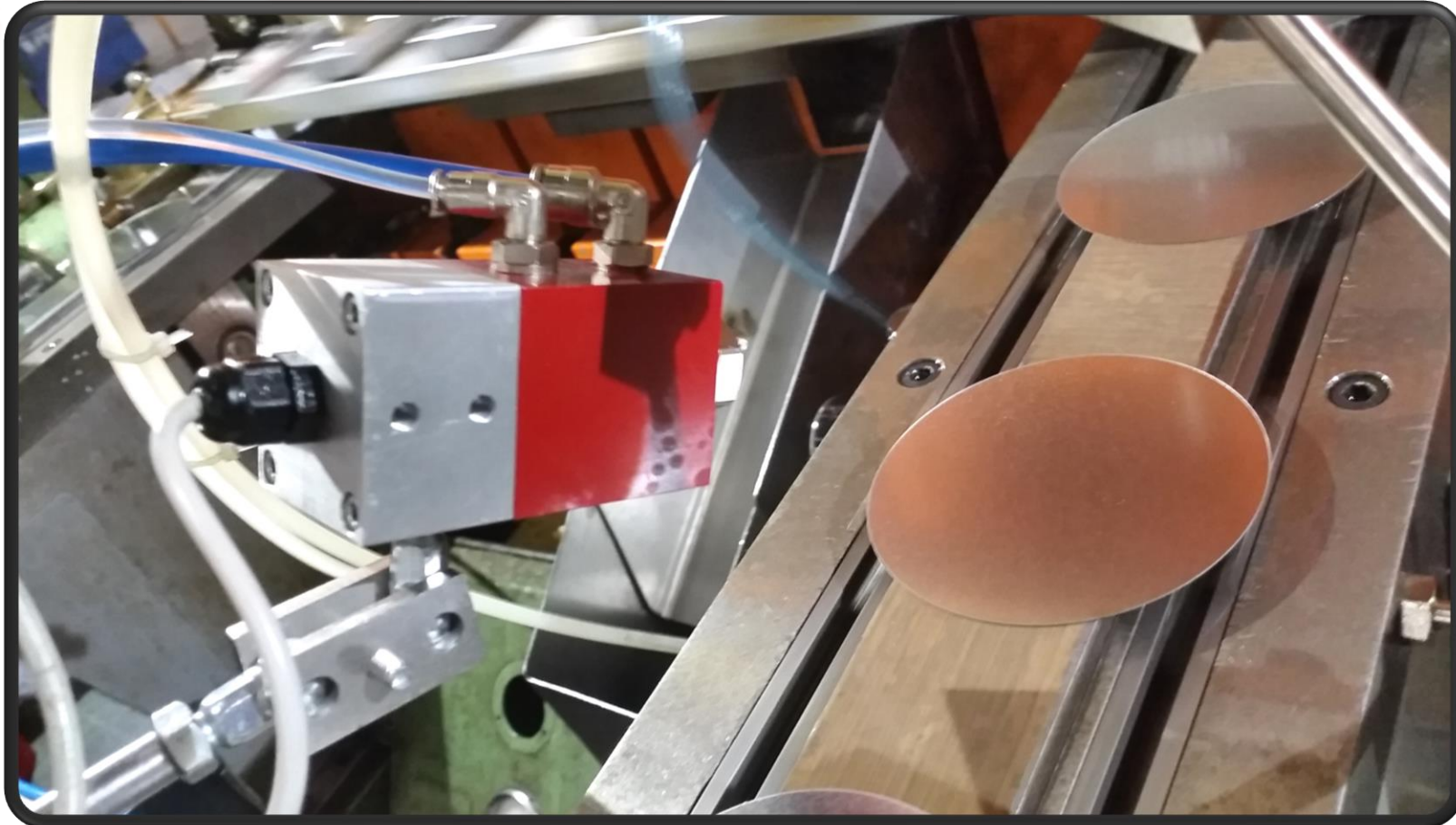


# DieTronic

**lubricating technology**

## MINIMAX





*First DieTronic facility in Via Cavalier Angelo Manzoni  
28, Sant'Angelo Lodigiano 26866 (LO) , Z.I. Maiano*



*DieTronic consolidated technology is the result of years of research, development and improvement*

# OUR HISTORY

DieTronic was founded in 2003 thanks to the consolidated know-how and forward-looking vision of its founders, who desired to provide advanced automatic lubrication systems of the highest quality for different metal-forming applications.

Thanks to our over fifteen-years experience, we have been able to develop a consolidated and patented technology, with an internal efficient quality management system certified also by the achievement of ISO 9001:2015.



# LA NOSTRA STORIA



# ABOUT US

- 2000 m<sup>2</sup> plant
- +15 years experience
- 615 machines produced



*The new DieTronic plant in Via Madre Teresa di Calcutta 9-13,  
Sant'Angelo Lodigiano 26866 (LO) , Z.I. Malpensata*



# OFFICES



# PRODUCTION



# WAREHOUSE







*DieTronic agents and distributors network*

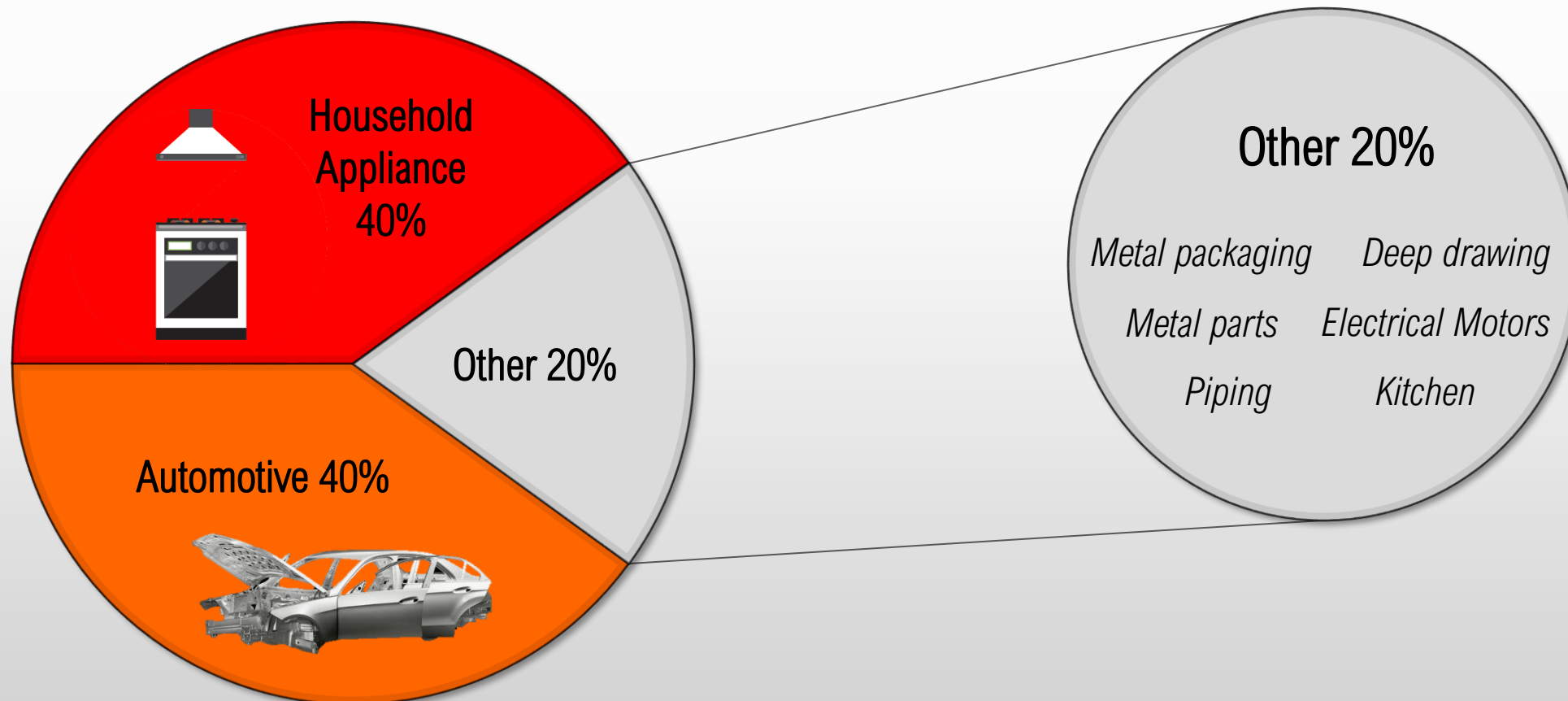
# **GLOBAL PRESENCE**

DieTronic boasts a long series of collaborations and partnerships with companies and well-known factories in Italy as well as in Europe and all over the world.

Our distribution network offers support to the customer starting from the consultancy to the assistance and maintenance, also through remote assistance.

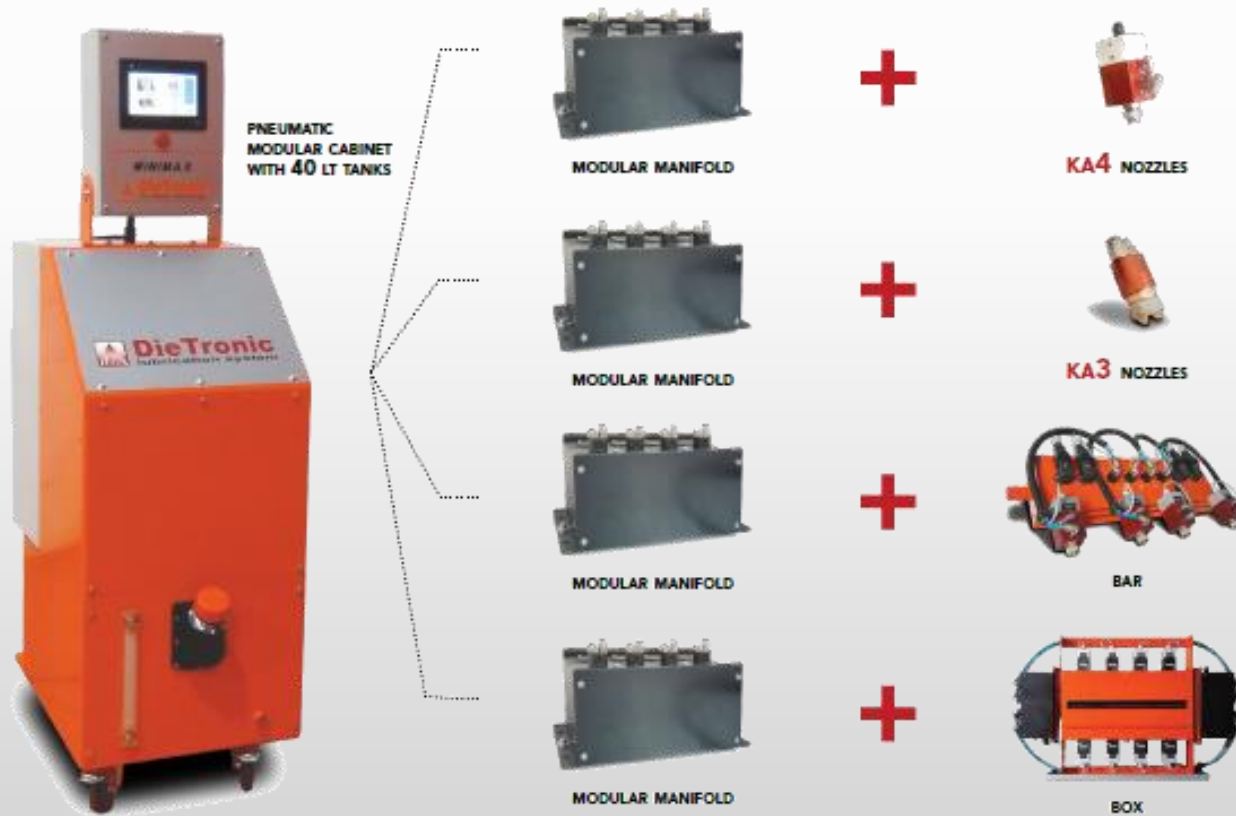
# APPLICATION FIELDS

We are suppliers of lubrication systems for different sheet metal-forming applications, mainly for the Automotive and Household Appliance.



# MINIMAX POINT SPRAY LUBRICATION

## POSSIBLE CONFIGURATIONS



- To lubricate in specific points
- Provided with a **control cabinet** with touch screen panel and a **40 lt tank**
- For every channel it is possible to select three different working modes:
  - **Continuous mode** (external start signal)
  - **On/Off mode** (activating/deactivating the nozzles's working cycle)
  - **Cycle mode** (setting spray time and cycle number)

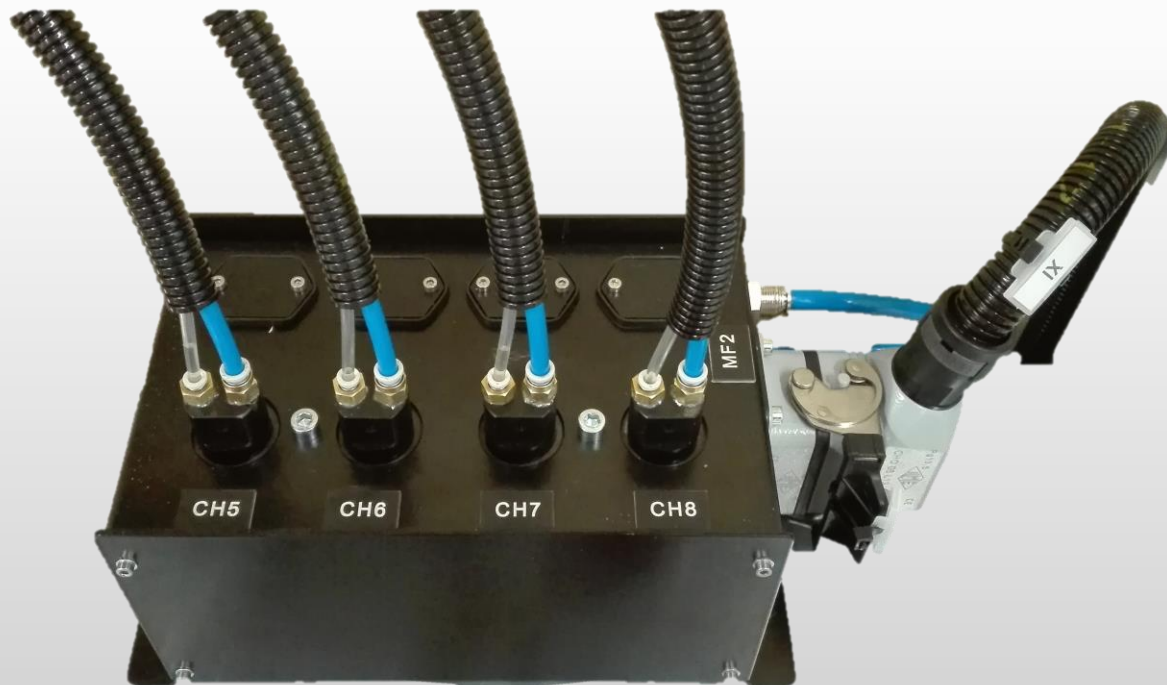


# MACHINE CONFIGURATION

## DIETRONIC® MANIFOLD

Minimax can be equipped with one to four **Modular Manifolds** that feed **up to 16 nozzles**, each one completely independent from another

- **Four canalizations** to manage the four nozzles separately
- **High frequency valves** to manage the application quantity of each channel
- **Heating resistance** to maintain constant the product temperature (for high viscosity oils) [T max 60°C]
- **Flow sensors** to monitor the correct functioning of nozzles
- **On/off valve of the pulverization air** (common for the 4 canalizations)



# MACHINE CONFIGURATION



## 1. KA3 NOZZLES

**Slim Nozzle Version**  
With a more compact design, for simpler applications



## 2. KA4 NOZZLES

With **High Frequency Valve** to grant a precise application of the set oil quantity and to prevent overspray





## 3. STEERABLE BAR WITH KA4 NOZZLES

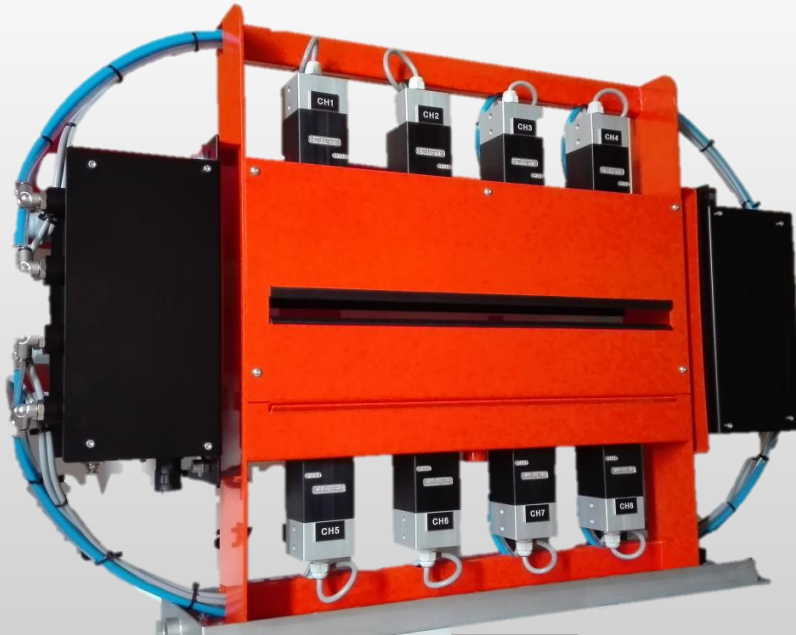
- For blank lubrication
- Possibility to move the nozzles in the desired position



# MACHINE CONFIGURATION

## 4. SPRAY BOX WITH KA4 NOZZLES

- For blank lubrication
- spray box with fixed KA4 nozzles (strip width 100 mm, maximum length 400 mm)





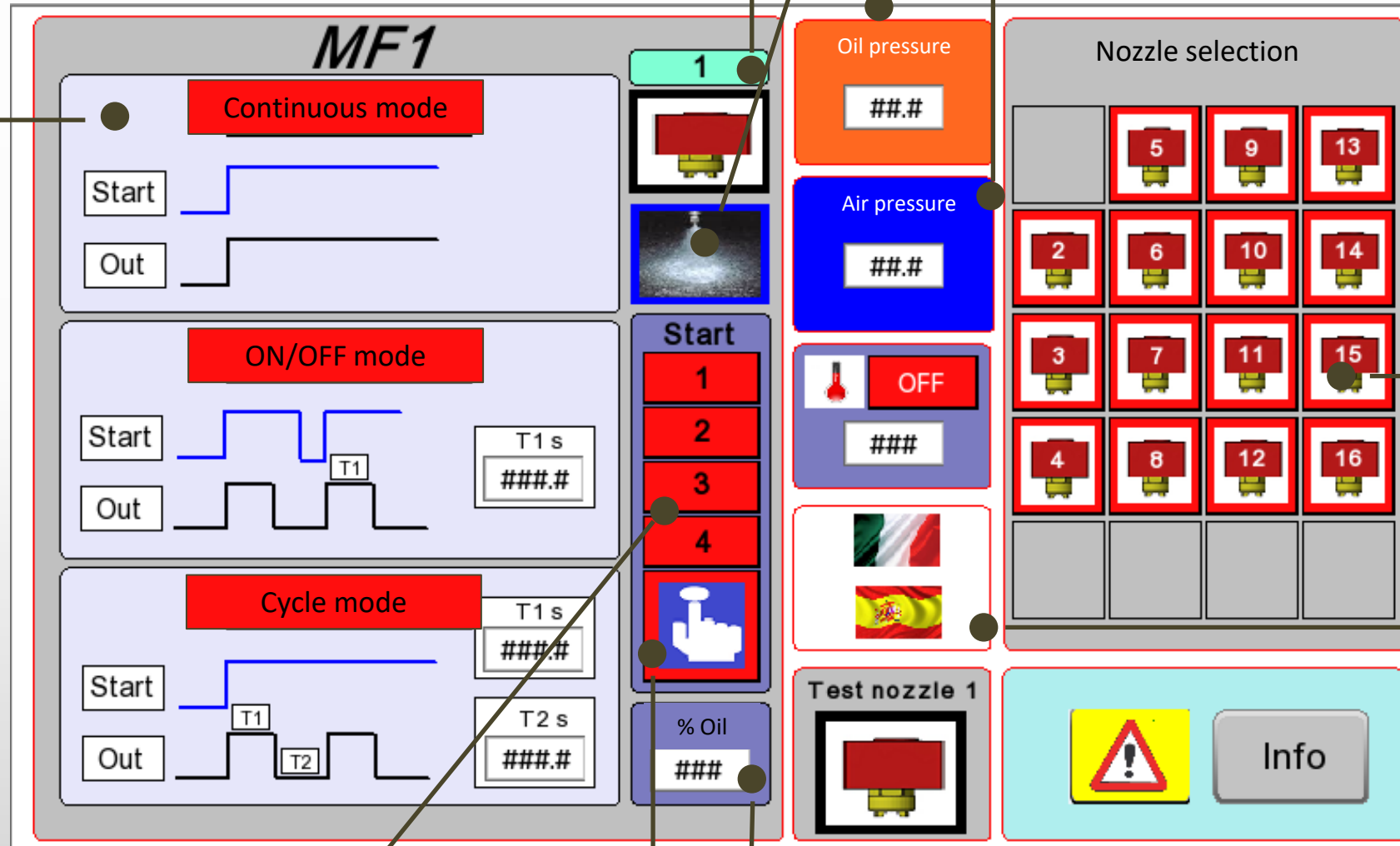
# CONTROL BOARD

Individual control of each nozzle

Activation of the pulverization control

Control of the oil pressure and air pulverization

Mode selection



Nozzles selection and activation

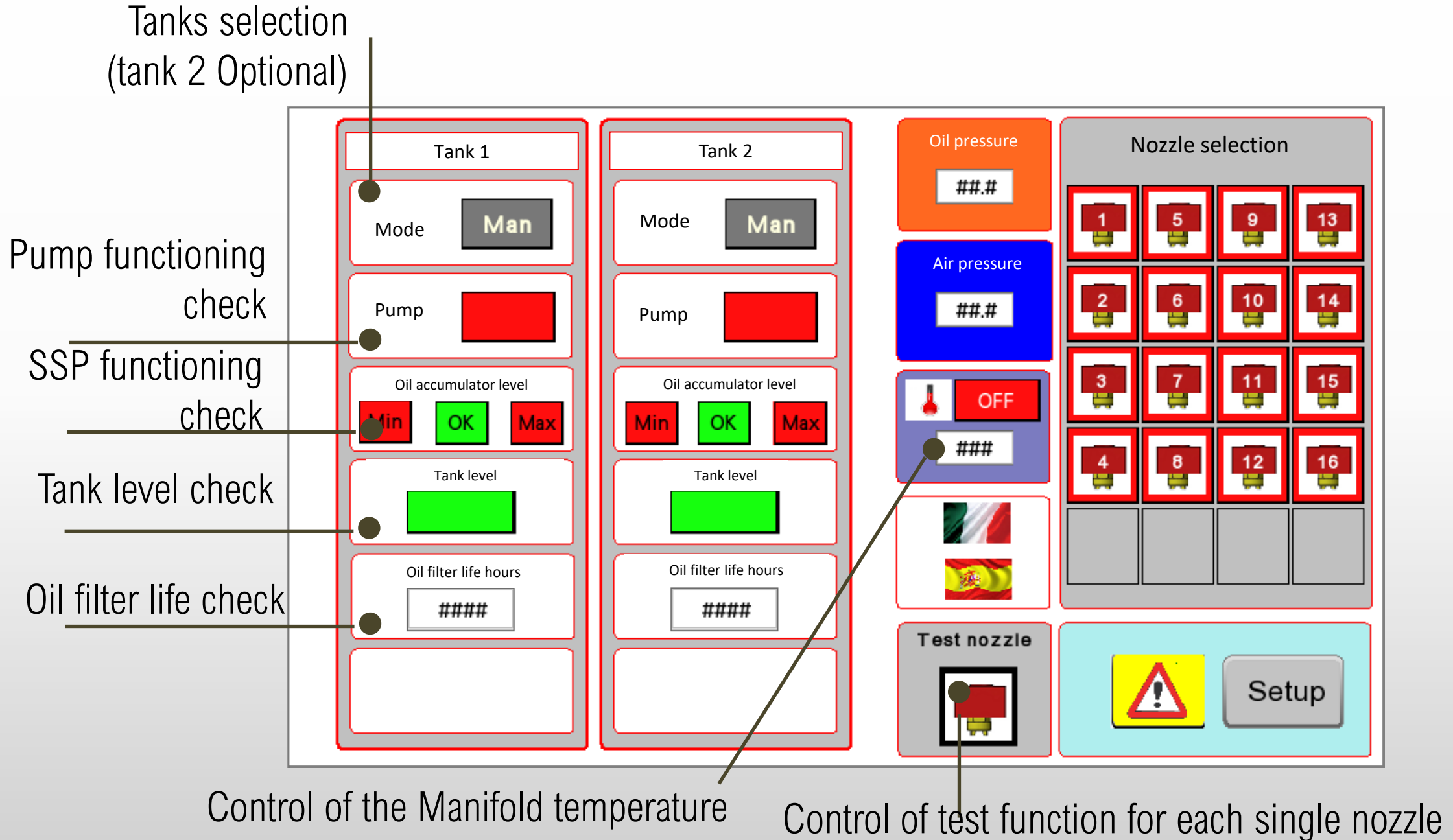
Language selection

Cam selection

Manual control

High frequency valve regulation

# OPERATOR PANEL





# VIDEO

## Traditional System



## MINIMAX System



# VIDEO





# VIDEO





# LOCAL TECHNICAL SUPPORT WORLDWIDE



**DieTronic**



**DieTronic**



**DieTronic**



**DieTronic**



Our Team is available worldwide for:

- Technical Support
- Periodical Maintenance Programs
- Possibility of remote assistance (h24)
- Spare Parts Stock, completely available in
  - ✓ Italy
  - ✓ US
  - ✓ China
  - ✓ Brazil

# References Automotive OEM



General Motors



# References Automotive T1 and T2





# References Integrators



**GÜDEL**



# References Appliance



B/S/H/



**AGA** RANGEmaster

**gorenje**group  
Gorenje GALO, d.o.o.

**Amica**



**VESTEL**



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**THANK YOU FOR YOUR ATTENTION**