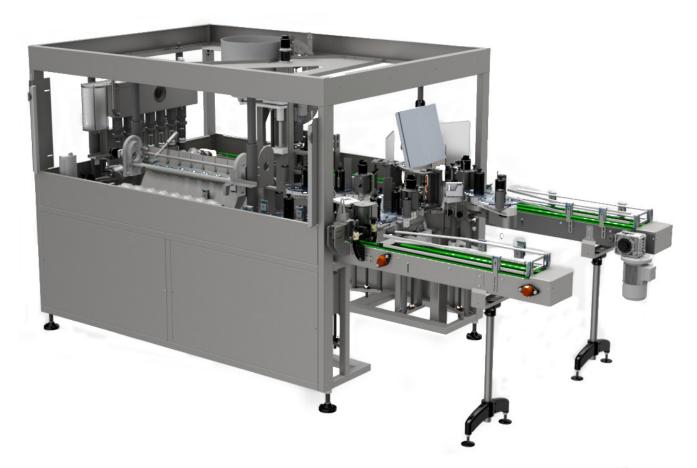


## FEEDING LIFE WITH TECHNOLOGY

modular solutions for bottling lines

# MINILINE









**FLEXIBILITY** 



**Performance** 



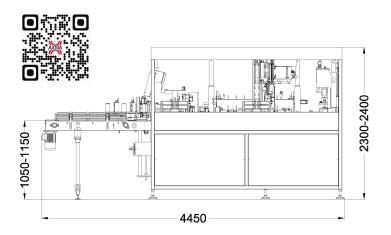
### FEEDING LIFE WITH TECHNOLOGY

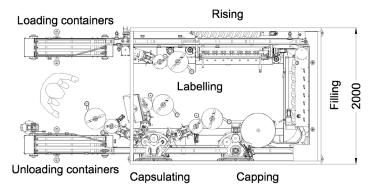
modular solutions for bottling lines

#### MAIN CHARACTERISTICS

#### General inofrmation:

- Production speed 100÷1.800 BPH
- Management of square-shaped, multi-format or cylindrical containers (cone-shaped or less)
- Building machine in steel Aisi 304
- Loading and Unloading platforms with motorized self-lubricant chain systems
- Color command button panel touch-screen 7"
- Predisposition for teleassistance
- Optimization of the equipment (universal devices) and change format timing (quick-release fixing)
- Modularity and configuration of each function (rinsing, filling, exc...)
- Parameterizable programs for each pack (container/cap matching...exc)
- Optionals: interface with ERP systems and/or supervision, customizations.





#### **FUNCTIONS AVAILABLE**

#### Rising

- Parameterizable rinse and/or blowing and/or sterilization cycles.
- Optionals: Filtration and/or recirculation of the sanitizing liquid systems.

#### **Filling**

- Gravity and/or low vacuum filling for flat liquids (mechanical valves; the outgoing air from the bottle never comes into contact with the product in the tank);
- Counter-pressure filling for sparkling liquid products (electropneumatic valves: parameterization of the empty cycles, pressurization, filling and decompression);
- Volumetric filling for dense liquids (electro-pneumatic valves);
- Optionals: thermal management of the packaged product, automatic CIP

#### Capping

- Customizable capping for crown caps (with or without bidule), cork (satin or mushroom), aluminium screw (normal or Stelvin), Guala, "T" (single and/or double-component);
- Optionals: caps sterilization, wierhooder, external cleaning and drying of the containers

#### Caspulating

- Capsules distributor complete of store
- Electromechanical handling of smoothing heads (parameterizable descent and climb back up cycles as program)
- Heat-shrinkable smoothing for PVC capsules (time and temperature are parameterizable depending on material and color).
  Capsule rolling in polylaminate (adjustable rolling pressure) and pneumatic process for sparkling wine and/or champagne (adjustable pressure)
- Optional: caps and/or cage presence control, optical orientation of the capsule toward the container

#### Labelling

- Label positioning before and after the filling process
- Possibility to apply more than one label in a single labelling station.
- Optionals: inkjet printing system (lots, deadline, date, time, logo, exc...), optical orientation of the container before the labelling, labels presence and/or positioning and/or content control