



# SPRAY NOZZLES FOR INDUSTRIAL APPLICATIONS



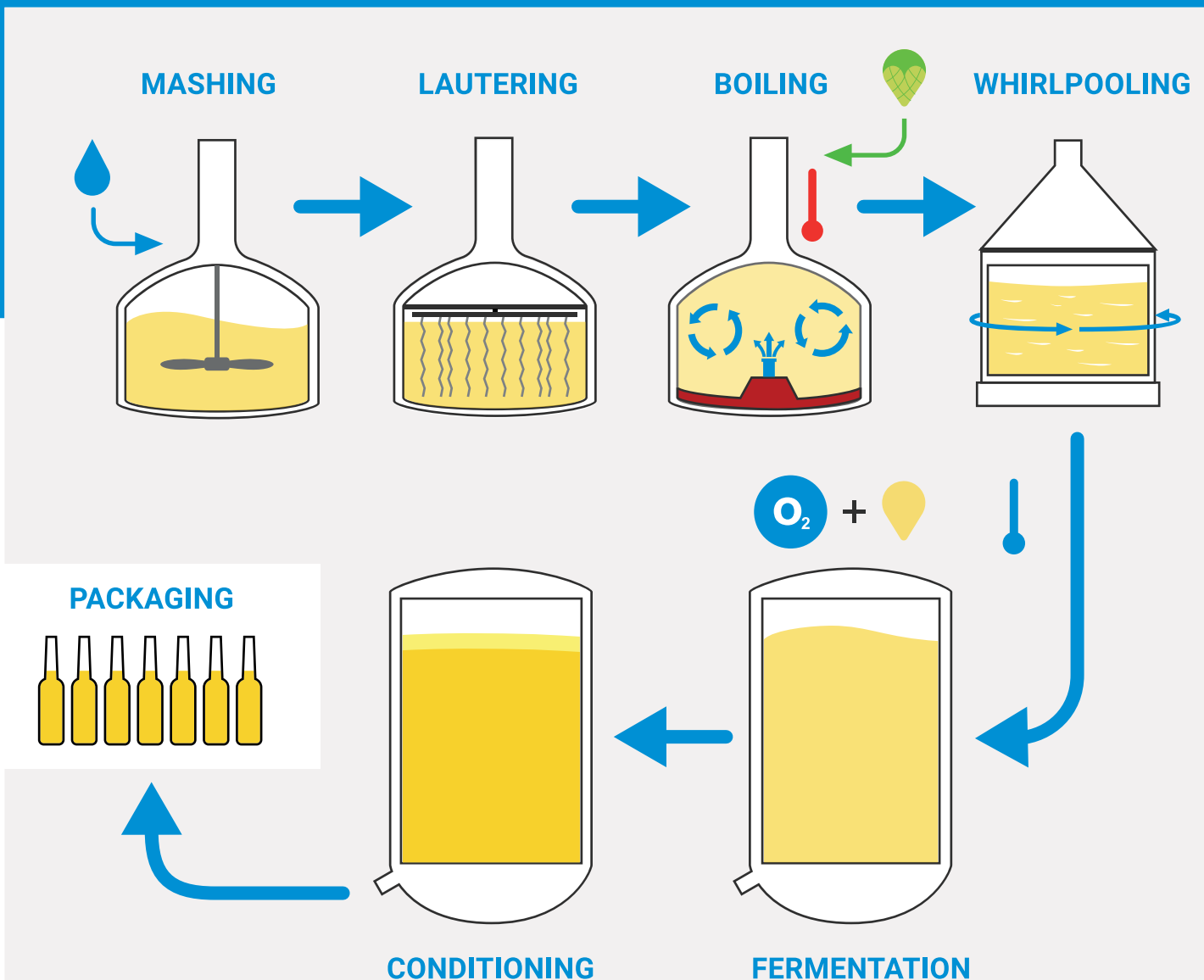
**SOLUTIONS FOR  
THE BREWING  
INDUSTRY**

# BEER PRODUCTION PROCESS

In the beer production process, different tanks and vats are used, each one with a specific functionality.

Regardless the dimension of the brewery or the quantity of beer produced in every brew, **the process is more or less always the same**, and consists of the following phases: mashing, lautering, boiling, whirlpooling and cooling, fermentation, conditioning and in the end packaging.

The tanks used in the different phases **must be cleaned and sanitized efficiently and constantly**, with an adequate water usage, without conditioning in a negative way the following brews.



Thanks to "Marican S.a.S. di Canetti Roberto & C." for the valuable and effective cooperation.

# TANK WASHING HEADS

## DIFFERENT POSSIBILITIES TO CLEAN YOUR TANKS

- LOW COST, EFFICIENT AND HIGHLY CUSTOMIZABLE FIXED TANK WASH HEADS
- FAST WASHING CYCLES USING LESS WATER WITH REACTION DRIVE ROTATION
- MORE POWER TO YOUR CLEANING WITH MOTOR AND TURBINE DRIVE TECHNOLOGY



## SOME FEATURES OF OUR TANK WASHING HEADS

- ATEX VERSION AVAILABLE ON REQUEST
- 3-A CERTIFICATION AVAILABLE ON REQUEST, FOR FIXED HEADS
- CONSTRUCTION MATERIALS MEET THE EC 1935/2004 DIRECTIVE (MOCA VERSION FOR FOOD INDUSTRY) AND COMPLY WITH FDA NORMS
- **100% MADE IN ITALY**

## PNR IS CERTIFIED



In addition to offering a wide range of tank washing heads, PNR Italia **produces and commercializes also other products that can be used in the different phases of the production chain**: spray nozzles for washing bottles, air blowers, wash guns and hoses, and so on.

To have a complete view of our wide range of products, please visit our web site [www.pnr.eu](http://www.pnr.eu) or write us at [info@pnr.eu](mailto:info@pnr.eu)

# A GLOBAL PRESENCE ALL OVER THE WORLD.



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