



# RG280: GALDI'S NEXT- GENERATION GABLE TOP PACKAGING MACHINE

Galdi Inc. Booth#[B22009](#)

*INTRODUCING THE NEW RG280: SUPERIOR HYGIENIC  
PERFORMANCE AND ALL THE BENEFITS IN TERMS OF  
USABILITY AND TOP PRODUCTION PERFORMANCE THAT  
COME WITH DIGITAL NATIVE MACHINES - THE GUIDING  
PRINCIPLE BEING "RAISING STANDARDS."*

The RG280 is a next-generation **Gable-Top packaging machine for ESL and delicate products**, designed to **raise the standards** in the segment of medium capacity food fillers.

While requiring a lot of research and experimentation, this ambitious project has also led to a number of **Galdi-exclusive innovations**!

The following are the key strengths of the machine, which translate into competitiveness and tangible guarantees for our customers:

- **Superior hygienic performance**
- **Hygienic performance repeatability**
- **Simplified user experience**
- **Production efficiency improvement**
- **Safety and sustainability**

<https://events.galdi.it/rq280-raising-standards/>

## SUPERIOR HYGIENIC PERFORMANCE

Hygiene is a key element in extended shelf life (ESL) packaging.

The RG280 was designed with an ambitious goal in mind, namely to offer **the highest hygiene standards** in Gable Top packaging systems for **delicate and ESL products**.

We successfully achieved this goal thanks to Galdi's experience in the packaging industry, extensive research efforts in the area of microbiology and a number of important decisions to manage to **overcome the limits of the most popular solutions in the market**:

- Package and cap disinfection with **vaporized hydrogen peroxide (35% solution)**;
- SIP sterilization using **pressurized steam**;
- Hygienic chamber with **airflow management and self-adaptive system**;
- External cleaning by **soda and acid recirculation**.

[Find out more about the hygienic performance of RG280](#)

## HYGIENIC PERFORMANCE REPEATABILITY

With the RG280, Galdi's engineers and technicians were looking to build a packaging machine with the best hygienic standards, while also making sure **hygienic performance levels remain consistent over time**.

To achieve this result, they focused on making **processes independent from external factors**.

Here are some of the solutions they developed and implemented:

- Package and cap disinfection with **vaporized hydrogen peroxide (35% solution)**: **removes the risk of inconsistent disinfection performance** due to improper concentration, which is a recurrent problem in systems using 3% peroxide solutions.
- **Self-adaptive airflow management system**: through tests, simulations and **thorough design work**, air flows inside the chamber are monitored continuously. The system can also **self-adapt** to external changes, thus **reducing the risks of re-contamination**.

- **External cleaning by** soda and acid recirculation: **fully automated**, it guarantees more effective and thorough cleaning than foaming systems.
- **Perfect sealing**: to ensure that hygienic performance is maintained until consumption, our engineers further **refined the sealing process**, making aesthetic and tightness acceptance specifications more stringent, **for smaller formats with cap too**.

[Find out more about the repeatable hygienic performance of RG280](#)

## SIMPLIFIED, FLEXIBLE USER EXPERIENCE

The RG280 ushers in the era of **digital packaging machines**. This is a huge step forward when it comes to **simplicity and usability**.

The new **HMI** is designed to improve the work of machine operators, thanks to different layers and **specific features** based on the user's job.

The goal is to simplify **operations and troubleshooting** as much as possible, particularly through the:

**Wizard mode** - guides even the less experienced operator through daily procedures, the main goal here was to **optimize operator work time**.

**Help feature** - helps operators and maintenance technicians detect and **quickly troubleshoot issues**; on top of that, Galdi technicians can take action remotely without the need for on-site visits.

[Find out more about the simple and usable nature of our filling machine](#)

## PRODUCTION EFFICIENCY IMPROVEMENT

Production managers share two main goals: **scheduling production** without having to worry about anything and **improving the efficiency** of the packaging process.

In this respect, Galdi's next-generation RG280 packaging machine offers new guarantees. Actually, even more than that, as it provides an **ecosystem of resources and solutions**.

The RG280 is, indeed, a powerful and smart packaging machine, designed from the onset to offer a range of **digital services** that are going to simplify, and improve, the life of our customers.

Thanks to **next-generation sensors** and the **development work carried out by Galdi specialists**, the RG280 guarantees:

- **Advanced monitoring**: from timely **MME** to **OEE** data, in compliance with Directive EN 415-11.
- **Anomaly detection**: the smart system, combined with in-depth monitoring, enables customers to detect even the smallest anomaly, and therefore **predict unexpected downtime**.
- **Remote support**: thanks to the RG280's connection capabilities, Galdi specialists can provide **immediate and "deep" remote support**, ensuring quick troubleshooting.

[Find out more about the production efficiency of RG280](#)

Do you want to learn more? [CONTACT US!](#)