

**INNOVATION CHALLENGE “LUCIO MASTROBERARDINO”****TECHNOLOGICAL INNOVATION AWARD SIMEI 2017****GRUPPO BERTOLASO SPA - OPTIMISED-WEIGHT LEVEL AND BOTTLING PLANT**

It is a bottling plant that combines the characteristics of a level filling with the control of the final actual weight of the dispensed liquid. The innovation applies to the level filling machines that have an electronic adjustment of the level in the bottle. It consists in an automatic adjustment of the real level in the bottle according to the actual filled volume. The solution is based on the idea of weighting all the bottles before and after their filling, in order to have a precise measure of the actually bottled product quantity. According to this figure, the filling machine automatically adjusts the actual level in the bottle, in order to dispense an optimal quantity of product, while, at the same time, ensuring an aesthetically uniform filling level..

