



Bosch on the menu for “Housediet”

“We are what we eat” is the slogan Natur House, the Spanish nutrition & diet company, has used over the past few years, during an expansion phase that has seen it become the market leader in this sector. Bosch has participated in this success, with the supply of filling and capping lines, for vials of “Housediet”, one of Natur House’s key products.



Natur House has more than 1,500 nutrition and dietetics assessment centers throughout Europe and America. Three years ago, Natur House asked Zamodiet, the Spanish food and dietary product manufacturer, to produce new vials for its “Housediet” product in a format designed by the Natur House marketing department. The product had previously been supplied in syrup and ampoule, with a double point end, but changing consumer tastes prompted Natur House to produce a new type of packaging, together with a modified formula.

Mid pharma – mid cosmetic packaging

According to Fernando Martín, plant manager of Zamodiet, “We were looking for packaging that fulfilled several functions: easy opening, easy to use and resistant. At the same time, we were looking for something more sophisticated than the previous packaging, innovative but comfortable to use”. After several tests, a combination of these factors led to a pharma package with a cosmetic cap.

120 million vials a year

The previous filling equipment used for the Natur House product was Spanish made. Although this equipment was working correctly, it did not offer the type of production required by Natur House’s new strategy. In 2005, Zamodiet purchased a Bosch production line consisting of an **FRK 5181 CIP** filling machine and a **VRM 6080** capping machine for a production of 250 vials per minute. However, the success of the revamped Housediet product soon saw consumer demand outstrip the production capacity. Impressed by the original increased production and the efficiency

Factory site of Zamodiet near Zamora, Spain





Bosch rotary capper
VRM 7120

of the installed Bosch filler and capper, Zamodiet then purchased a second line to keep up with the increased consumer demand.

With the second line also consisting of an **FRK 5181** CIP a filling machine but with a **VRM 7120** capping machine, production rose to 400 vials per minute, allowing a total production of 120 million vials per year. From the factory, production is distributed to the logistic centers and from there to more than 1,500 dietetic shops all around the world.

Exceeding expectations

The products filled by Zamodiet have different viscosities, from very fluid to very dense, and, furthermore, some products have solid particles in suspension, which is a major challenge for suppliers of filling machines. However, the Bosch lines exceeded all expectations in terms of design, high output and efficiency.

Fernando Martín has highly praised the input from Bosch, “The difference that put Bosch ahead other suppliers was the design of the lines, robust equipments, together with its great reputation and many years’ experience”.

Bosch and Zamodiet have also been delighted to be associated with Natur House, which, since its establishment more than 20 years ago, has been growing continuously and has become a reference point in the dietetics and nutrition world.

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- 1 Bosch piston filler *FRK 5181 CIP*
- 2 Bosch rotary capper *VRM 7120*

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