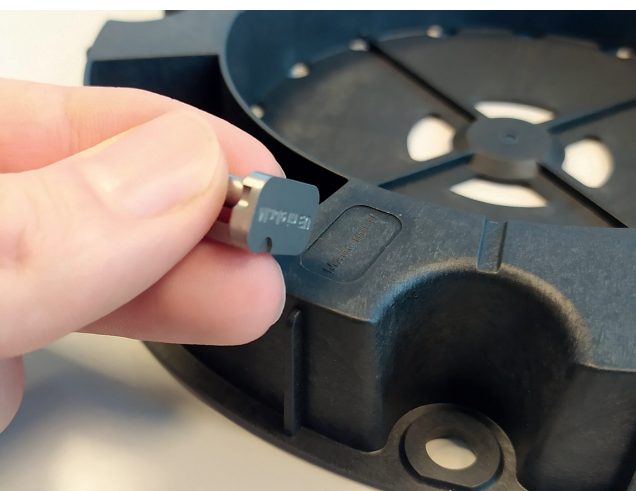


Different product markings easy and fast

Changeover without dismantling the mould thanks to marking units with interchangeable inserts from HASCO

Located in Nazareth/Belgium Euronyl Belgium is the head office of the Euronyl Plastics Group, comprising eleven production plants in Europe and Tunisia. The group is among the most important suppliers of plastic products to a wide range of markets and customers in the major business segments: industry, automotive and consumer products, as well as biomedical and pharmaceutical devices, food and cosmetic packaging. For one of their own products, a range of collapsible storage boxes, Euronyl is now significantly saving changeover time, thanks to HASCO's marking units with interchangeable inserts.



HASCO marking units with interchangeable inserts enable fast and clear product labelling (Picture: Euronyl)

certain markets and product categories. The French plants, for instance, are focusing on automotive applications, including 2K and gas injection moulded components. Specialised in very large parts, a plant in Belgium is running the biggest machine with a clamping force of 230,000 kN. Of the more than 800 employees, about 50 are working in the headquarter plant in Belgium.

Euronyl is primarily a custom injection moulder, serving customers who either have their own injection moulds or come with just an idea. Here the company offers

The Euronyl Plastics Group of injection moulding companies was founded in 2006, with roots going back to 1965. Currently it is producing parts from standard and engineering plastics on more than 300 machines ranging from 300 to 23,000 kN clamping force. Each of the twelve companies is focusing on

all necessary services from the design of the product through designing and building a mould to mass production. But Euronyl also offers a range of their own products, such as different kinds of assortment and storage boxes and containers, bed springs, and foldable storage crates.

The collapsible transport boxes are, for example, made of the same material and are of the same quality. However, different countries and markets require different information and markings on the boxes. It is therefore necessary to clearly mark them in accordance with local regulations by using different inserts. "Since we have started using the HASCO marking units, we have saved a lot of time when changing the different inserts," explains Tom Smeulders.

The HASCO marking units Z 4800/... with interchangeable inserts Z 4801/... enable injection moulders to quickly and simply exchange the interchangeable insert or the complete unit from the mould parting line.

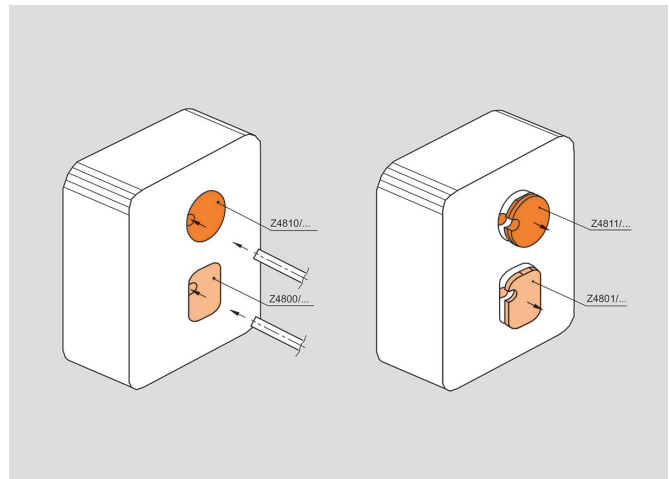
"Inserts for marking purposes have been used in our company for many years," as Tom Smeulders points out. "Until we found the HASCO Z 4800, changing these inserts was a much more elaborate process." Especially when only the marking had to be changed. The whole mould had to be taken off the platen as the inserts were fixed to the mould with screws from the backside. "This led to long downtimes during the production process. Particularly with large moulds as those for these collapsible boxes with four cavities can easily take a day or two", Tom Smeulders adds.



The Euronyl product portfolio includes various types of storage and transport boxes (Picture: Euronyl)



HASCO marking units with interchangeable inserts reduce changeover times and therefore downtimes



Installation drawing for marking units (Pictures: Hasco)

So, with the HASCO units Z4800/Z4801, the time-consuming and thus costly dismantling of the complete injection mould is no longer necessary. The basic element of the marking unit Z4800 is screwed to the mould cavity from the front, while the interchangeable insert with the actual engraving is held in place by a spring-loaded steel ball, that engages in a groove. It can be changed simply by pushing in the half-moon shaped notch, for example with a screwdriver and a hammer. "With this system it is just a matter of minutes, compared to hours or days with the conventional system", Tom Smeulders confirms.

"This marking unit with interchangeable inserts is part of our standard range," emphasizes Gwen Budé, Area Sales Manager Benelux of HASCO. Tom Baecke, Technical Sales Engineer of HASCO adds, "We offer the tried-and-tested unit in both a rectangular (Z 4800/...) and a round version (Z 4810/...). The system is available in three sizes from 10 x 18 mm to 25 x 35 mm or 18 to 35 mm diameter, respectively."

The advantages of the marking units with interchangeable inserts are so significant, that Euronyl is already using the HASCO system in about 15 moulds of their products, with more to come.

"We have been using all kinds of HASCO products over the past five years, especially for rather complex mouldings, and we are absolutely convinced by the quality", says Tom Smeulders. "From our experience, we can report that the marking units are reliable and precise, last an extremely long time and save us time and money in the long term." Especially, although not exclusively,

in their cleanroom production units for food- or medical applications in Beringen, Belgium, where no grease is allowed, Euronyl is also using DLC-coated components from HASCO. Currently, Euronyl is planning to expand the line of foldable crates to different versions for their variety of different customers and their individual needs. And in general, Tom Smeulders emphasizes that the company is continuously pursuing their goal of being a market leader in Europe. This includes all market segments and all kinds of applications.

"A customer can come to us with whatever kind of product he needs, we will always find the technically and economically best solution," Tom concludes. "HASCO – the pioneer of moldmaking for 100 years – provides competent support in all areas," adds Gwen Bude.

Tom Baecke, HASCO Technical Sales Engineer for Belgium/ Luxembourg, and Tom Smeulders, Euronyl Research and Development (f.l.t.r.) (Picture: Hasco)

