

Roland MDX Case Study - Candy Molds Deltavorm

Candy Plaster Forms with Roland's Milling Machine

The Dutch company Deltavorm makes approximately 1,000 models a year for gum, licorice and other sweets. They use a Roland MDX-540 for the production of proofs for these candy forms.

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Deltavorm was founded in 1980 in the Dutch city of Scharendijke. Throughout the years, the company has built up an archive of 30,000 different shapes for sweets. Six staff members handle design and production of the plaster and aluminum models.



The majority of the production is exported, but the company also has well-known customers in the Netherlands and Belgium. Mentos, Fruitella, Venco and Red Band are examples of the more than 100 candy manufacturers that rely on Deltavorm's craftsmanship.

Deltavorm produces its models manually as well as digitally. Extremely complex shapes are cut manually, but most tasks are computer-controlled. Digital technology speeds up the production process: making new models, rescaling existing shapes, adding text and making other changes can now be done much more quickly.



To produce its models, the company uses a Roland MDX-540 milling machine. Nils Dogger explains: "We are very pleased with our Roland machine. It works quickly and accurately. And you don't need to be an Einstein to work smoothly on this machine. We used to everything manually, which was hard work. Now, can do а we lot mechanically. For instance, we can adapt existing shapes very easily. If we



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The design and milling process results in shapes that are delivered to candy manufacturers. These companies use the plaster or aluminum models in their candy molding process.