

## Protomaster :

« Trust us with your customers' dreams and we will help you make them real with 3DESIGN »



**Patrick Renaud** is the CEO of **Protomaster**, a service bureau working for jewelers, clock and watch makers and various artists. The company is located in Brignais (69), France. **Protomaster** computes or finalizes your projects using a CAD solution and produces prototypes in resin or metal. The company realizes and displays the most creative projects using **3DESIGN**, the 3D real time creation software for jewelry and graphic objects.

**Protomaster** counts large luxury companies as its clients. LVMH, Christian Dior, Boggio, ST Dupont, Maty, Patek Philippe, Baccarat, Bijoux GL, or Christofle call M. Renaud to realize and improve their creations.



**M. Renaud, CEO of Protomaster**



**Prototypes**

Created early 2006, **Protomaster** begins its work with a sketch or a 3D piece (which needs to be digitalized) the client gives him. Objects are as varied as the clients' industries: jewelry, watch and clock making, goldsmith, industrials, tableware, etc. Estelle, a jeweler, works with **3DESIGN** to modelize this demand in 3D. M. Renaud explains: « *weight is a huge constraint for jewelers. With 3DESIGN, we can control this constraint and bring a strategic advantage with our profession* ». **3DESIGN** allows to hollow out any detail and helps you save on weight or on the contrary helps you reinforce the structure where it is the most fragile. The accuracy level and flexibility **3DESIGN** bring allow **Protomaster** to answer to the needs of the most demanding customers.

To validate a creation, a render showing the piece under four different views at real scale is sent. Modifications are then immediately made thanks to **3DESIGN**. The rigor that comes along with digital solution seduces and wins over producers. Generally speaking, clients ask for a prototype with the **3DESIGN** creation. Prototypes are produced with an Invision HR machine from 3DSystems. The render along with the prototype permit to judge the modifications that need to be made. These are the rapid and accurate thanks to the solution; the piece's creation process is hence much more rapid thanks to this combination.



**A few objects**

Estelle appreciates **3DESIGN's** ergonomics and flexibility. She confesses « **3DESIGN** is really easy to use. I can rapidly modify the original object to create a complete range of jewels or objects. The modifications I have to make are really rapid thanks to the parametric construction tree and dedicated functions. »

**M. Renaud**, expert in the CAD CAM industry for over 15 years, sums up its company's mission: « Our mission consists of convincing our clients that digital solutions are the key differentiator and advantage in the industry. The main advantages of this technology are accuracy, quality and rapidity. » With such arguments, demands should go crescendo.

For more information about Protomaster, visit [www.proto-master.com](http://www.proto-master.com)

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