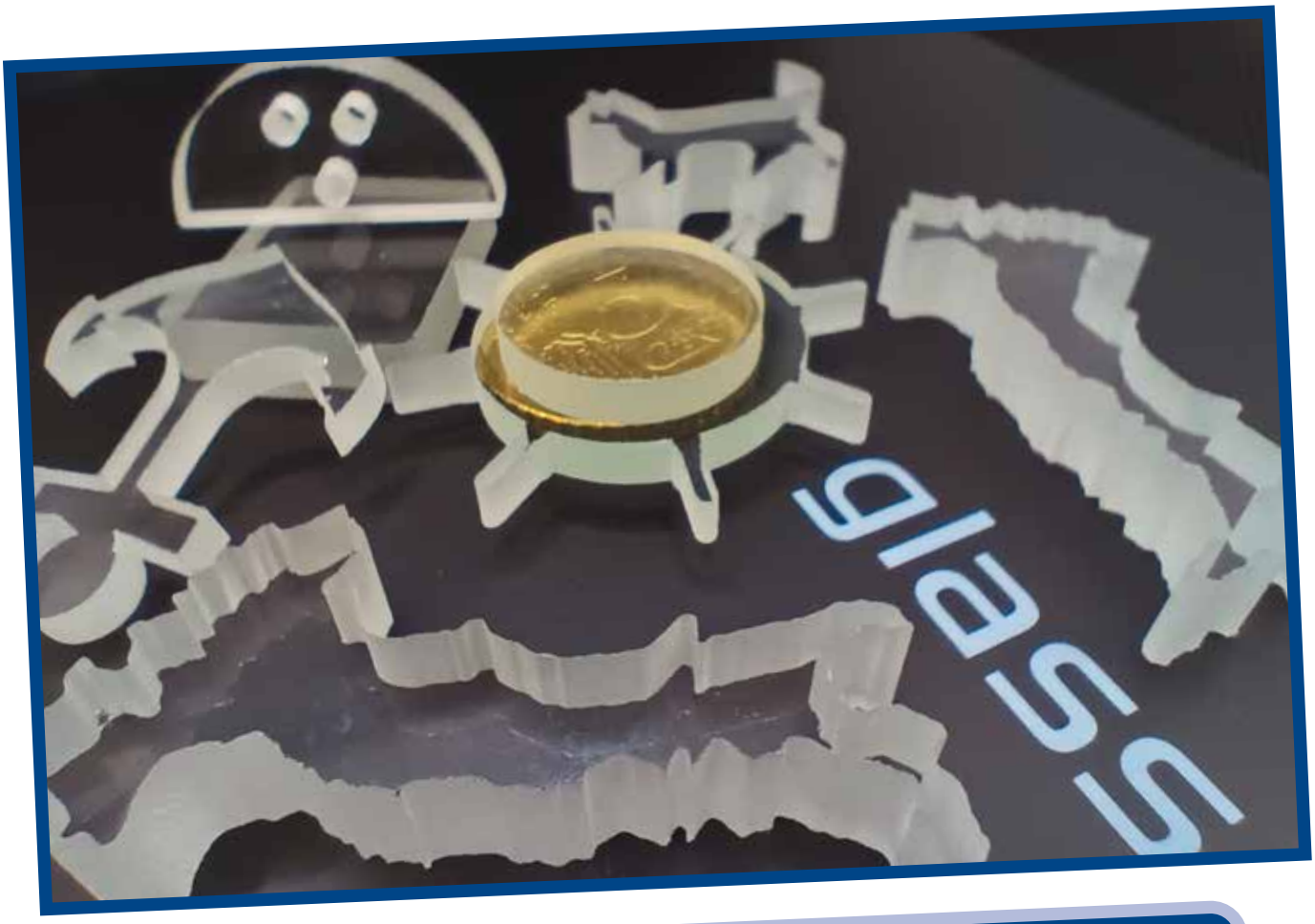
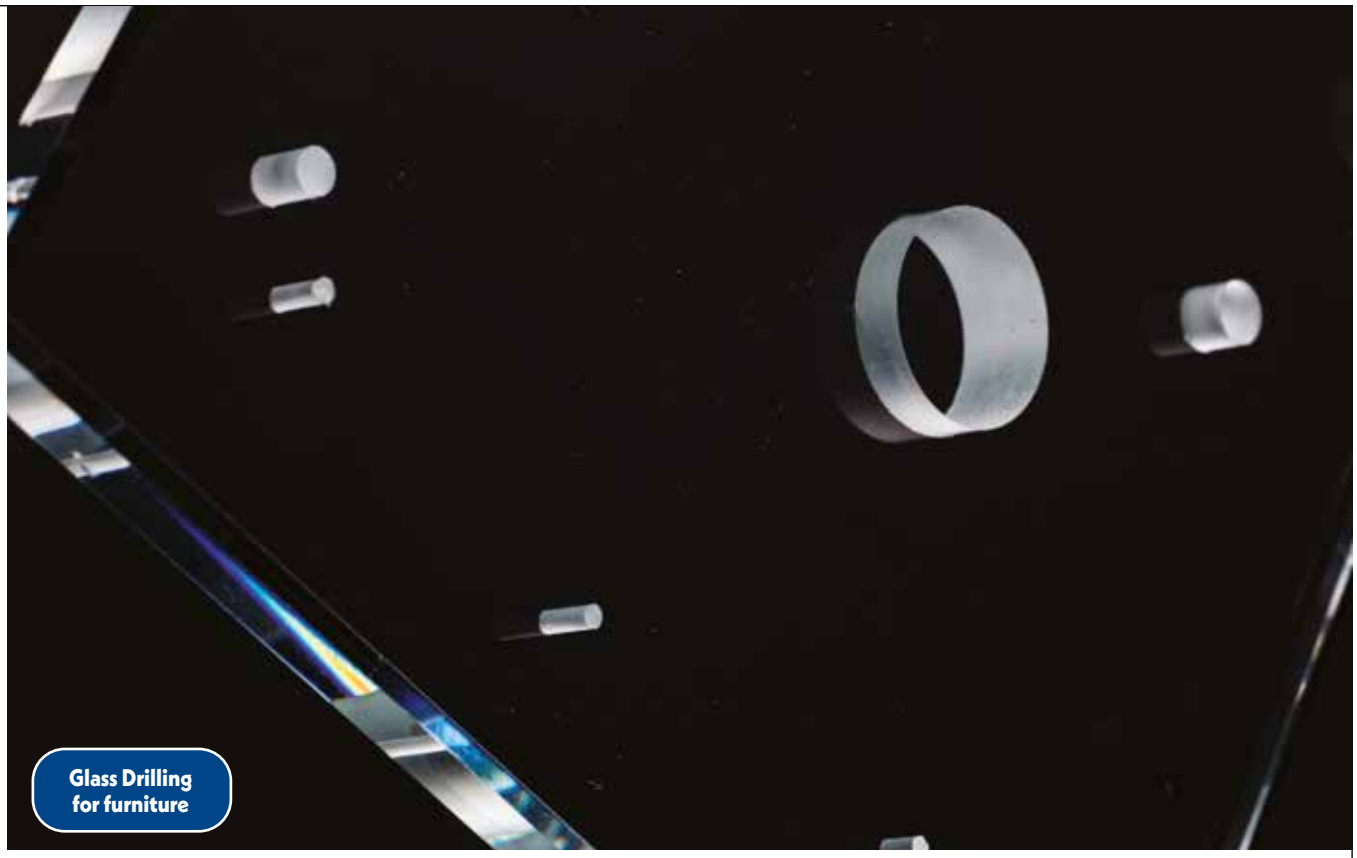
The GLASS COMPANY revolution

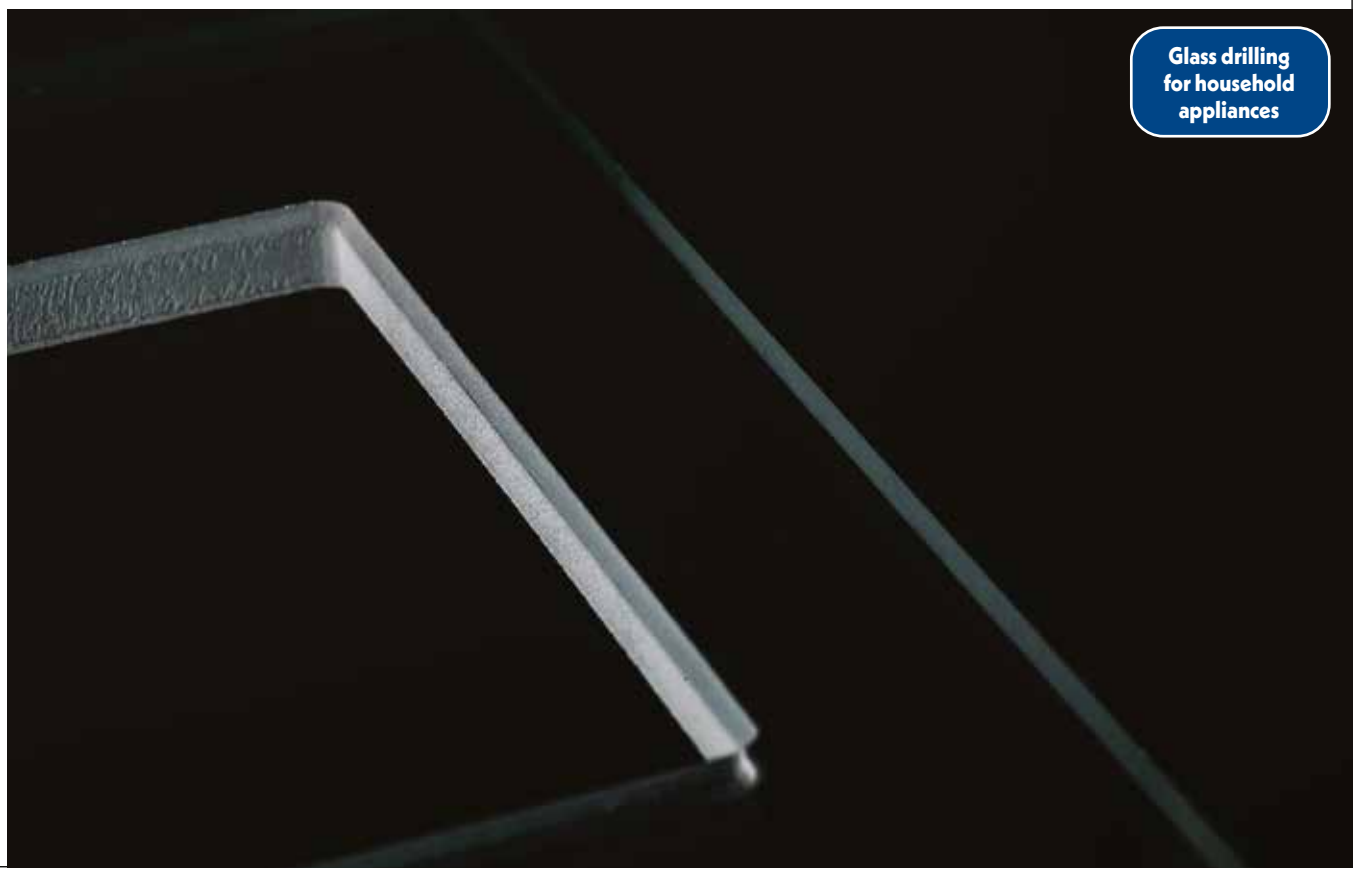


Small but not too small. Big but not too big. Such is the 'right balance' to which Pesaro-based GLASS COMPANY aspires. Founded in 2001, the company is headed by an entrepreneur who's adamantly convinced that market niches represent a key asset to be explored and faced as challenges.

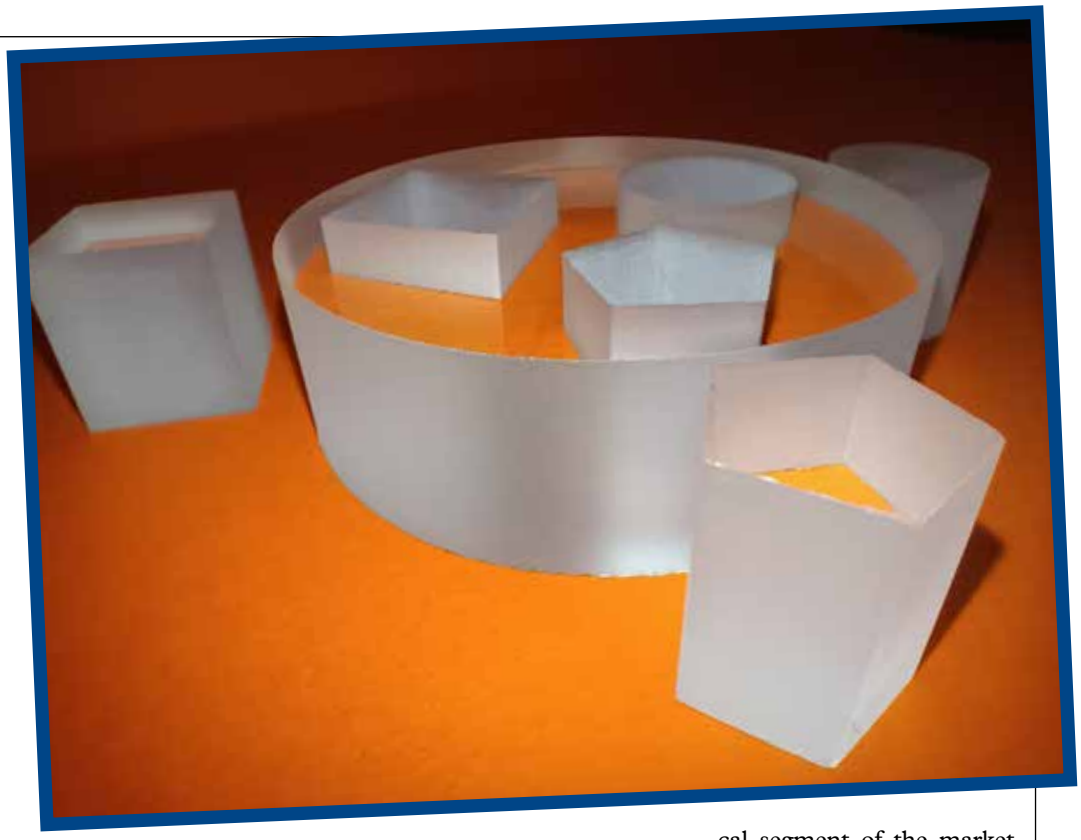
Glass Company produces and markets glass processing machines - especially systems for safety glass production, as well as related machines and equipment. Not only. Innovation, economy and versatility all mark its distinguishing characteristics. But it doesn't end there. Add the attention that



Glass Drilling for furniture



Glass drilling for household appliances



company founder Claudio Bernabucci pays to his surroundings. After taking inspiration from what his customers need, there are no limits to what can be invented.

BEGINNING FROM THE CUSTOMER

At a time when companies display catalogues and vast product ranges as their business cards, Bernabucci says: "We're small. We don't do everything. Neither do we have a catalogue of machines. Why? Because we build them only when the customer asks us for something particular that isn't out there on the market. Above all, we're official distributors for some important multinationals - all supported by consultancy and the development of niche technologies." Indeed not only processing companies rely upon Glass Company to develop new glass processing technologies. Manufacturing companies do too.

LASER AS THE NEW FRONTIER

A laser solely for drilling and making notches and grooves upon glass edges -as well as recesses and slots- LaserMek Drill truly signals the future, given that drilling can be of any shape. These start from the classic round hole to holes of any geometry, whether oval, rectangular or trapezoidal, among others. Maximum hole size is 80x80mm, which can be increased up to 100x100mm. Here working times are similar to those for classic water jet cutting systems, albeit with a great advantage: besides working water-free, and so without abrasion, they generate no waste necessitating disposal and, above all, they operate at a power of circa 3Kw.

LASERMEK DRILL AND THE ENVIRONMENT

The attention the company pays to the environment gains ever greater importance - not only in financial terms but also ethically.
"There are various reasons why I think laser is the future," explains Bernabucci. "It operates with low energy consumption and has only modest environmental impact given that it doesn't use water, oils, diamonds or abrasive tools. Moreover, it works almost completely soundlessly and, since there are no mechanical tools, it can guarantee extreme drilling precision. The laser beam doesn't wear out like common tools, so infinite repetition of the drilling tolerances is guaranteed."
Lasermek Drill allows for significant energy savings at a time when energy costs weigh heavily upon the entire industrial sector. There is also a great economy of water use - hence greater respect for the environment. Duration of the laser source exceeds thousands of working hours, making this technology a genuine alternative to traditional drilling systems. The laser is situated within that technical segment of the market which caters to naval medical and mechanical, among others, which requires maximum precision, together with minimally-invasive cuts on the glass plate. Such glasses have become increasingly advanced over time and require special precautions - both in cutting and grinding. The non-contact laser performs these operations without risking the glass plate.