



Lights, plexiglass and... what else?

Strong of recent investments, Bartolacci Design can offer a complete range of services from industrial design to the finished product. The company can deal with all kinds of customised requests, with fast prototyping and remarkable production flexibility

Words Renato Antonini

The new methacrylate processing department of Bartolacci Design makes an array of RV furniture components and has celebrated its first anniversary. Methacrylate processing was introduced a few years ago, alongside the production of interior and exterior RV lighting systems, but the creation of a specific division boosted production volumes and product types and increased customer services. The new division is

dedicated to the processing of sheet methacrylate and can count on two laser cutting machines (maximum size 210x150 cm, thickness 25 mm), in addition to two bending machines, gluing benches and machinery for milling and polishing. A network of reliable partners was set up to handle all types of finishing: painting, screen printing and flocking. PMMA (methacrylate) is used in various finishes, from transparent to opaline, but also

coloured and embedded.

"We have been developing various lighting systems for motorhome and caravan interiors since 2005 and at a certain point we realised that our lights could be combined with methacrylate furniture elements", explained Andrea Bartolacci, owner of Bartolacci Design. "Today, we can boast considerable experience in this field. The production of plexiglass elements currently represents around



20% of our turnover, a percentage that will increase following the investments made in the new department." Bartolacci Design can offer many accessories and furnishing accessories made of PMMA and other similar materials. Worktops, shelves, spice racks for the kitchen and various types of wall units, as well as decorative window frames, drawer units and shower columns are produced. Lasers are used to customise mirrors and rasterise surfaces for engraving logos and backlighting solutions. PMMA furniture elements are mainly used in the bathroom and kitchen areas, but they have applications in the living and sleeping areas as well.

Entire parts of an RV

"We were making individual pieces of furniture to customer specifications when we started working with methacrylate a few years ago," said Lorenzo Maggini, sales and marketing manager at Bartolacci Design. "The situation is completely different today. We make entire parts of the interior of an RV, especially the kitchen and bathroom areas, and we can offer the customer a complete service from design to production. Just give us the initial idea and we can do the rest. We can guarantee the development of complete methacrylate furniture systems".

For the kitchen area, for instance, Bartolacci Design can create a furnishing system that includes both the decorative window frame and a wall system with a shelf, a spice rack, various hooks and containers. Each element can be combined with LED spotlights or strips. The company

has developed a technical department that can offer a custom design and development service to meet the needs of its customers. Bartolacci Design can support customers in the development of industrial design and the building of moulds and tools. The customer will always be the owner of the design.

"By entrusting us with the production of entire furnishing systems, the customer has many advantages. For instance, we control the entire production process and we guarantee optimised materials, assembly techniques and costs", explained Lorenzo Maggini. "Our customers do not need to order very many parts. They can place a single order for a single part, which arrives pre-assembled, facilitating assembly in the production line.

"We can guarantee the development of complete methacrylate furniture systems"

And it is also easier for the customer to manage the stock. Finally, having controlled the entire production process, we guarantee a very low defect rate and, in the case of problems, we can quickly manage the entire quality system of the complex product."

Despite the commitment to the methacrylate department, the core business of the Bartolacci Design is in the lighting sector. The company demonstrates a strong flair for product customisation in this area as well. Bartolacci Design makes recessed spotlights in various shapes and wattages, touch and Tunable White solutions, with dimmer, as well as metal or silicone spotlights with various beam sizes and lighting effects. The production also features ceiling lights, profiles and strips, offering the customer a wide range of choices for lighting all types of RVs.



Recessed spot lights



Mouse Eco projectors



Custom Cloud Eco



Bartolacci Acrylic division

Customisation, flexibility and speed

Bartolacci Design brings together the production department, the design office and the prototype department. This is how they can develop products fast.

"Starting with a simple idea from the customer, we can produce a prototype in a few days", said Andrea Bartolacci,

The ability to customise the product is crucial.

Shapes, colours, transparencies, as

well as light effects and engraved and backlit company logos are some of the features used to customise the various elements and contribute to creating one-of-a-kind, well-characterised interior settings. Bartolacci Design can offer a wide range of processes, such as the possibility of incorporating an element of another material, fabric, metal, etc. into the methacrylate surface for decorative purposes and unique customisations.



Lorenzo Maggini - Andrea Bartolacci