



Paolo Milianti
General Manager

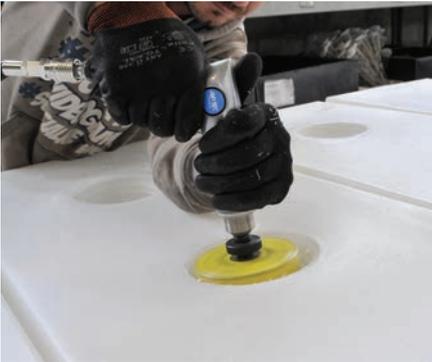
Rotational movement

Capable of providing clients with a comprehensive service, from design to production, Forma has been operating in the RV sector for years, creating tanks and other moulded plastic elements: extension of the site and the arrival of new machinery have allowed the company to tackle the growing market demand.

Words Andrea Cattaneo

Operating in the field of rotational moulding, Forma represents a clear break from the rest of the Milianti Group's output, completing a structure which is now very varied and demonstrates the group's tendency to operate in various directions in the recreational vehicles sector. "We started working in the camping sector more than forty years ago," explains Paolo Milianti, General Manager of Forma, "with the St.La. company, producing equipment of various kinds through the sheet metal forming technique: from tent poles, we moved on to table legs and then also to bed structures. St.La. was joined by Tecnometal, with some overlap in operations, but at the same time we wanted to differentiate our production in another area, and the result was Forma, which deals with rotational moulding with a strong presence in the RV sector." The production process employs machin-





ery equipped with dedicated arms, and the moulds are positioned on these, filled with powdered polyethylene. Inside an oven, at 250–280 °C, the arms begin to turn in the various directions: the polyethylene melts and adheres to the walls of the mould. The process lasts 20 minutes, after which the moulds are transferred to the cooling area for 15 minutes and then opened. The removed component is subsequently perfected, with excess parts cleaned and finishing operations in accordance with the client's specific requirements. Forma makes clean and black water tanks for the motorhome sector, both for OEMs and accessories distributors. Production also differs through the

"drop box" procedure, which permits the insulation of tanks intended for winter use, avoiding a subsequent step of covering the tanks themselves with insulating material, costly and unwieldy. The system therefore represents an excellent balance of cost and result. Essentially, through the use of a material that expands in the mould, a double layer of plastic is created in the tank.

"Out great experience in the motorhome sector," affirms Paolo Milianti, "allows us to always find the solution most advantageous to the client. Within Forma, we can offer them a complete service, from design to finished product. Motorhome makers can provide us with the 3D design of the tank,

or our technical department can produce the design, starting from the measurements of the space where the tank will be positioned. From the design we proceed to the production of the mould (normally steel, aluminium on request) and finally the mass production of the part. Rotational moulding not only ensures limited costs, but also allows considerable flexibility in production: we can supply both big groups and small manufacturers." Thanks to constantly increasing market demand, Forma has recently acquired new modern machinery for rotational moulding. "The latest machinery was installed in February," explains Paolo Milianti, "and now we can work with four moulding machines. The working facilities are completed with a space adjacent to the production area, in which the post-moulding finishing stages and all other specific processing take place. This building is also used for the tank watertightness tests, which we carry out not on samples but on every part produced, for the greatest guarantee of watertightness. The facilities are completed with an admin department for order management and correspondence with clients and suppliers. At this time, Forma is at the peak of its development: we have lots of new ideas in the pipeline for making new products for the RV sector."

Forma's efforts are predominantly concentrated in the motorhome sector, on the strong foundation of collaboration with the major European manufacturers. Over time, in any case, a hugely diverse range of items has been moulded for other sectors, confirming the considerable production potential of the company.

