BORROMINI

High technology molds

The Company

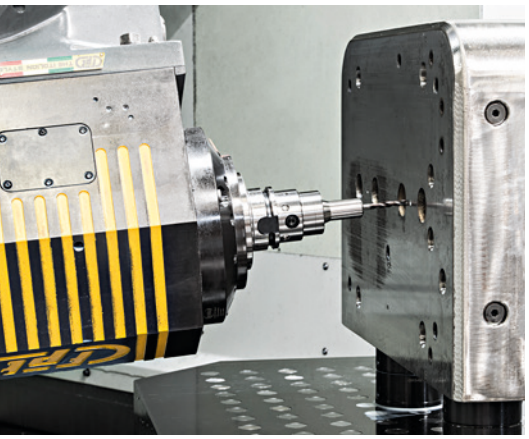
Borromini s.r.l. has been developing and manufacturing molds for diverse industrial uses for many decades. The Company was founded due to the need of Vetrerie Riunite, the parent company, to have a plant dedicated to the production of molds used in VR's production lines, making headlamps for the automotive industry initially and subsequently door glass for washing machines.
In the mid 1990's, as design became more and more important, it was necessary, especially for headlamps, to move from glass to plastic products as the latter gave more flexibility as far as shape was concerned. Borromini therefore began to produce molds for thermoplastic materials and created an inhouse sampling plant for injection pressing to verify the goods their molds were producing.
To date, Borromini produces almost 1000 molds for the most important customers on the global stage. The structure of the plant, its experience and the qualified personnel all permit Borromini to work closely with the customer, from the preliminary development and design stages of the car components through simultaneous engineering, up to the final sampling of the mold on the pressing equipment.

Our clients

AL AUTOMOTIVE LIGHTING | MARELLI
Valeo
FARBA
ZKW
KOITO
MAGNA
ELBA
optrel
WIDE EYE
HELLA

Our Molds

Borromini is able to design and develop injection multicolour molds for thermoplastic materials, molds for thermosetting plastics and those for multi-components, plastic/rubber. Borromini has recently purchased a new 1700 ton press to sample molds they develop entitrely in house to meet the customer's needs for taylor-made components, i.e. bicolour and tricolour products.
Borromini has a great experienced in the development of the full range of lighting components for head lamps and rear lamps: principal & internal lenses, principal and secondary frames, housings, light guides, reflectors in BMC.



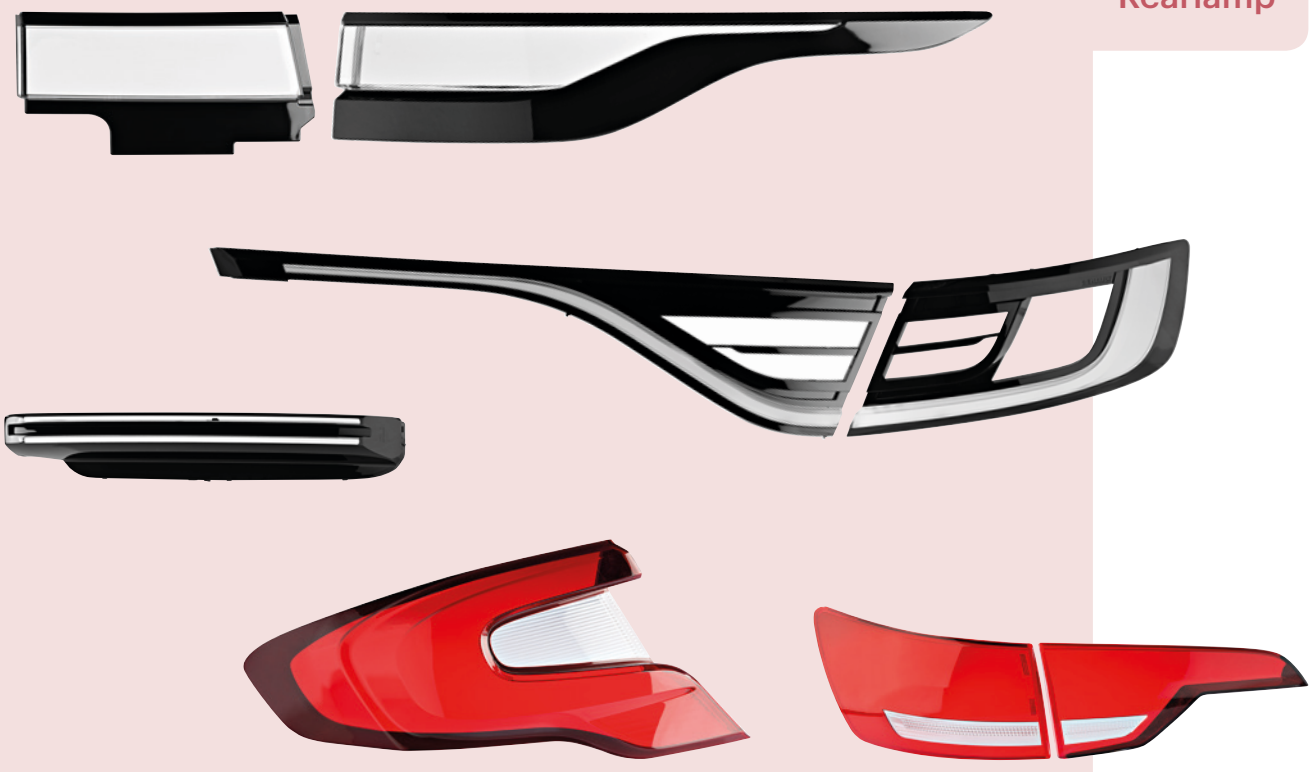
Quality

The quality system at the Borromini plant has been certified in accordance with ISO 9001 since 2002. This has allowed the continuous and constant monotoring of the plant, in line with the company mission statement, to guarantee to the final customer strict respect for procedures, traceability and constant improvement of the management/production processes.

Headlamp

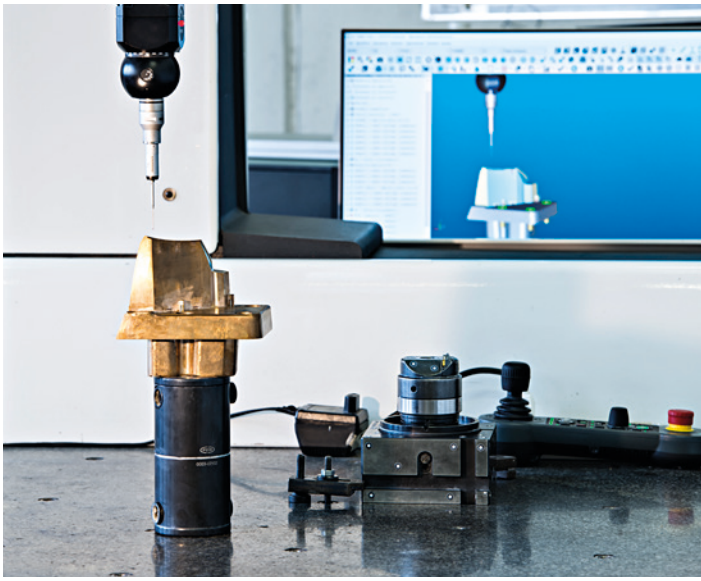
Testimonials

Rearlamp



Technology & Innovation

The production process of the molds is highly integrated as all the principal phases are entirely managed internally. There are 9 work stations equipped with CAD Catia and Unigraphics utilized for mold development and Moldflow software to study rheology.
As regards machine tools, these are produced using WorkNC software. Production comprises 15 machine tools, including the recent addition of the Huron VX18, 6,000 g/min, 3 axle milling machine and FTD Stinger 280, 18,000 g/min 5 axle finishing machine in line and palletized.
Borromini also has a department dedicated to dimensional control, which is carried out using both contact sensors (CMM DEA 1203) and contactless optical scanners (GOM ATOS CORE) with the advantage in the case of the latter of reducing the time needed to collect data and allowing for the controlled construction of a 3D model.



Customer care

Competence, responsiveness and accuracy in planning and development are the bases on which Borromini builds the relationship between itself and its customers. Borromini's multilingual staff can provide continuous support both during the development/construction phases of the molds and provide after sales service to the final customer during their own production process.

Borromini S.r.l.
Viale del Lavoro, 5 (Z.I.)
37030 Colognola ai Colli (VR) – Italia
Tel +39 045 6150200
info@borromini.it
https://vetrerieriunite.it/it/borromini/

VRGROUP

Managed by:
VR Group
Via Calcinese, 60
37030 Colognola ai Colli (VR) – Italia
Tel +39 0456137111