



F. Z. DI ZANETTI NERINO & C. S. A. S.
PROGETTAZIONE E COSTRUZIONE STAMPI

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THE COMPANY

- The company was set up in 1949 and in the last 70 years has been designing and manufacturing high pressure die-casting moulds for aluminium, zamak and magnesium.
- We manufacture moulds for several industrial sectors: automotive, telecommunications, lighting and electronics.
- We can make moulds up to 2.400x1.700 mm, as maximal external dimensions, and for a total max weight of 10.000 kgs. We work in 3 workshops.



- The constant up dating of the technologies, the experience, the flexibility towards the market exigencies and the professionalism of our team are leading our company to provide very high quality products and services satisfying every single customer and developing constantly our know-how.
- Our quality management system is organized according to the **ISO 9001:2015** certification norms.



OUR PHILOSOPHY

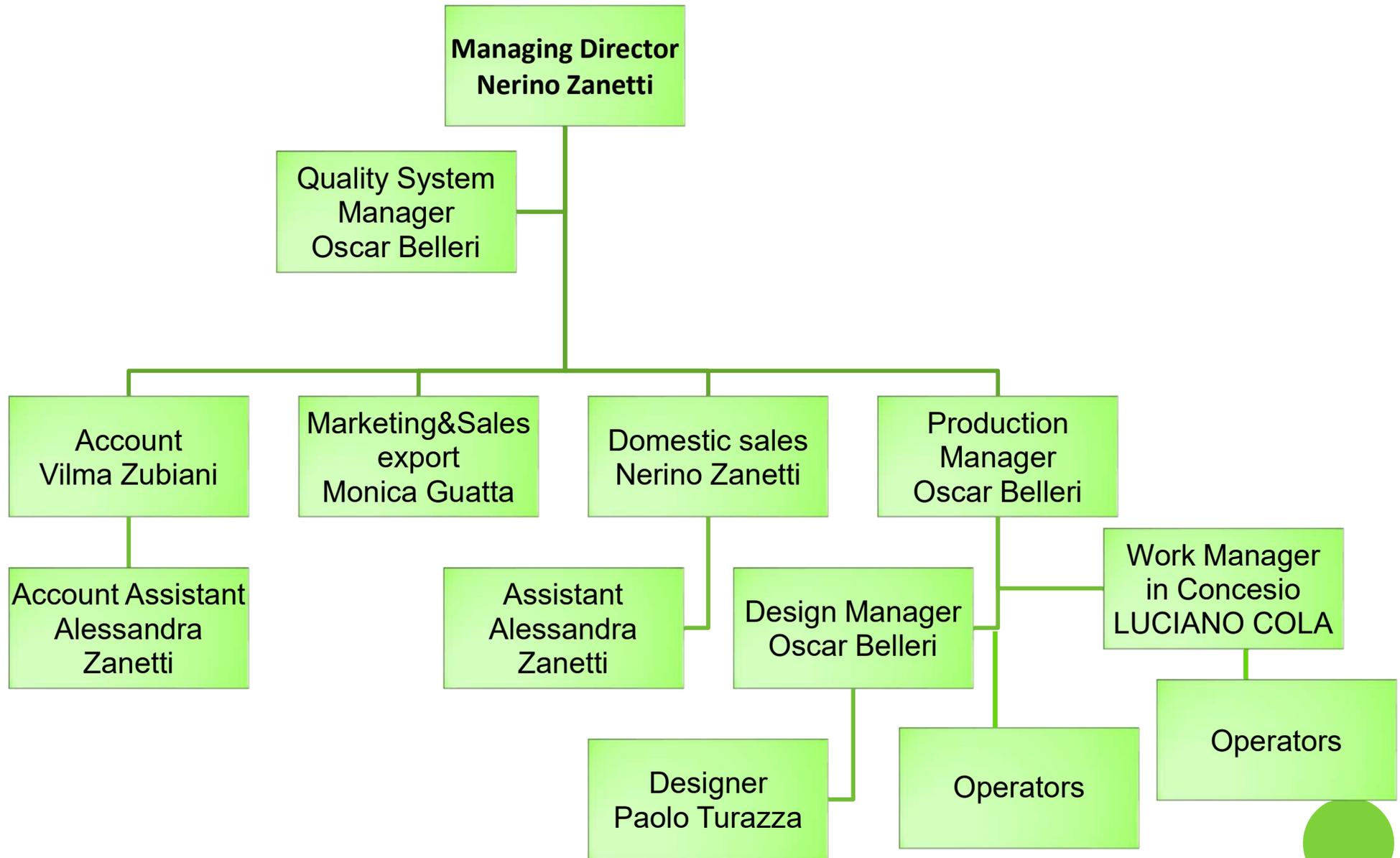
- Our philosophy : providing a personal service.
- We offer to our customers our full cooperation in analyzing and finding solutions to solve production problems. We work together with our customers for new products production .
- We are not just a production equipment manufacturer, but we support our customers in the amelioration of operating moulds and, on demand, we can provide mould components. Our versatility and our performances improve constantly for the benefit of our customers.
- We offer a sampling service, too.



FIRST PARTS

- We always offer a special attention to our customers abroad.
- We offer them to do the mould test and the first parts here in Brescia. (only in EN46000 or 46100).
- We send them the first parts by UPS or DHL together with a dimensional report with a numbered dimensions drawing.
- If some dimensions in the parts are exceeding the tolerances and they can't be accepted, or the end customers ask to modify them we modify the dies consequently and we do another time the samples sending them by express with a new report relevant to the modified dimensions and waiting for the confirmation.
- When our customers confirm that the parts and the report are OK we send the mould ready to start the production to the die-casting manufacturer.
- Together with the moulds we can deliver a pre-serie of the products (500 /1.000 / 5.000 ... pcs.) on request.
- With this procedure we short the start-up time and our customers are sure to receive a mould ready for starting the production.

ORGANIGRAM



TOOLS AND MACHINERY

- N. 16 CNC
- N. 6 HSC
- Makino
- Deckel- Maho
- Digma
- Mandelli
- Erosions AGIE
- Radial drillers
- Grinding machines
- Finishing, polishing and assembling dept.
- Lathes CN



SOFTWARE

- Our highly skilled technical staff use the most modern programs:
- CAD-CAM, PRO ENGINEERING, TEBIS, VISI CAD,
- CATIA, WORK&C.

- Our CNC are directly linked to the computers of the technical department and transfer in real time data and production programs.

- For the filling and solidification process simulation we use the MAGMASOFT program.



MATERIALS AND HEAT-TREATMENTS

- We buy certified materials only: steel ESU 2343 and 2344. We work steel 2312 for the frames.
- We buy also other materials according to our customers specifications, Böhler Uddeholm, Aubert&Duval.
- The heat-treatments are applied and certified by INTRA, Castegnato, Brescia.
- Extending, temper and 3 temperings.



REFERENCE LIST

- ALUWAG AG - Switzerland - Automotive, die-casting manufacturer
- ARGAL Italy - Fiberglass pumps manufacturer
- A.MAYER - Germany – Automotive parts machine-working
- ASW Präzisions - Druckguss -Germany - Electrical devices, lighting die casting manufacturer
- Business Alu Masué - BAM- France - Automotive parts, devices, lighting die-casting manufacturer
- C&C Bark –Torun - Germany – Magnesium, motorcycles parts die-casting manufacturer
- C.F.P. – GECA – Italy - Valves, thermostats, pneumatic actuators die-casting manufacturer
- COLOMBO DESIGN SPA -Italy - Handles and bath accessories high quality manufacturer
- EFFETRE SpA- Italy - Office Equipement high quality die-casting manufacturer
- ENDURANCE CASTINGS SPA – Italy - Automotive parts die –casting manufacturer
- FONDERIE ALUMINIUM HAMEL -France - Lighting components, electrical devices

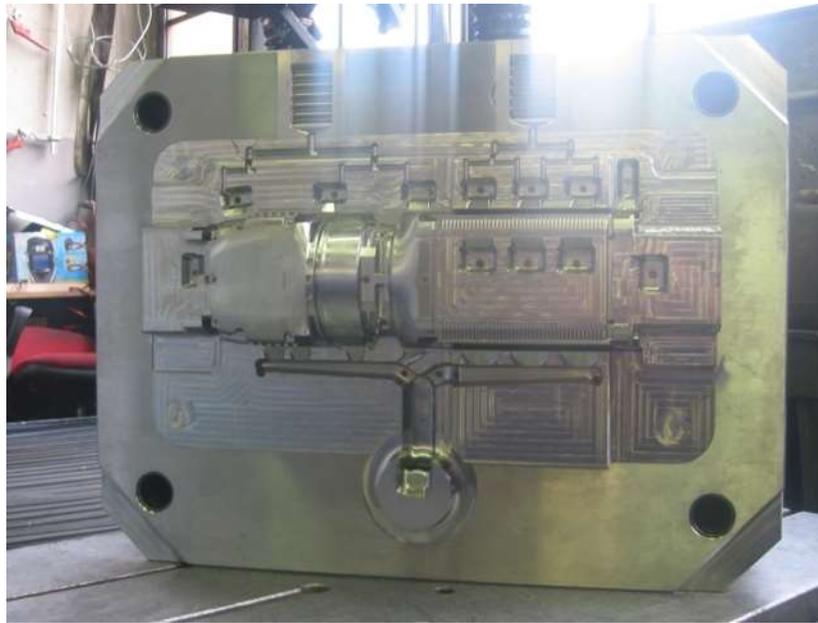


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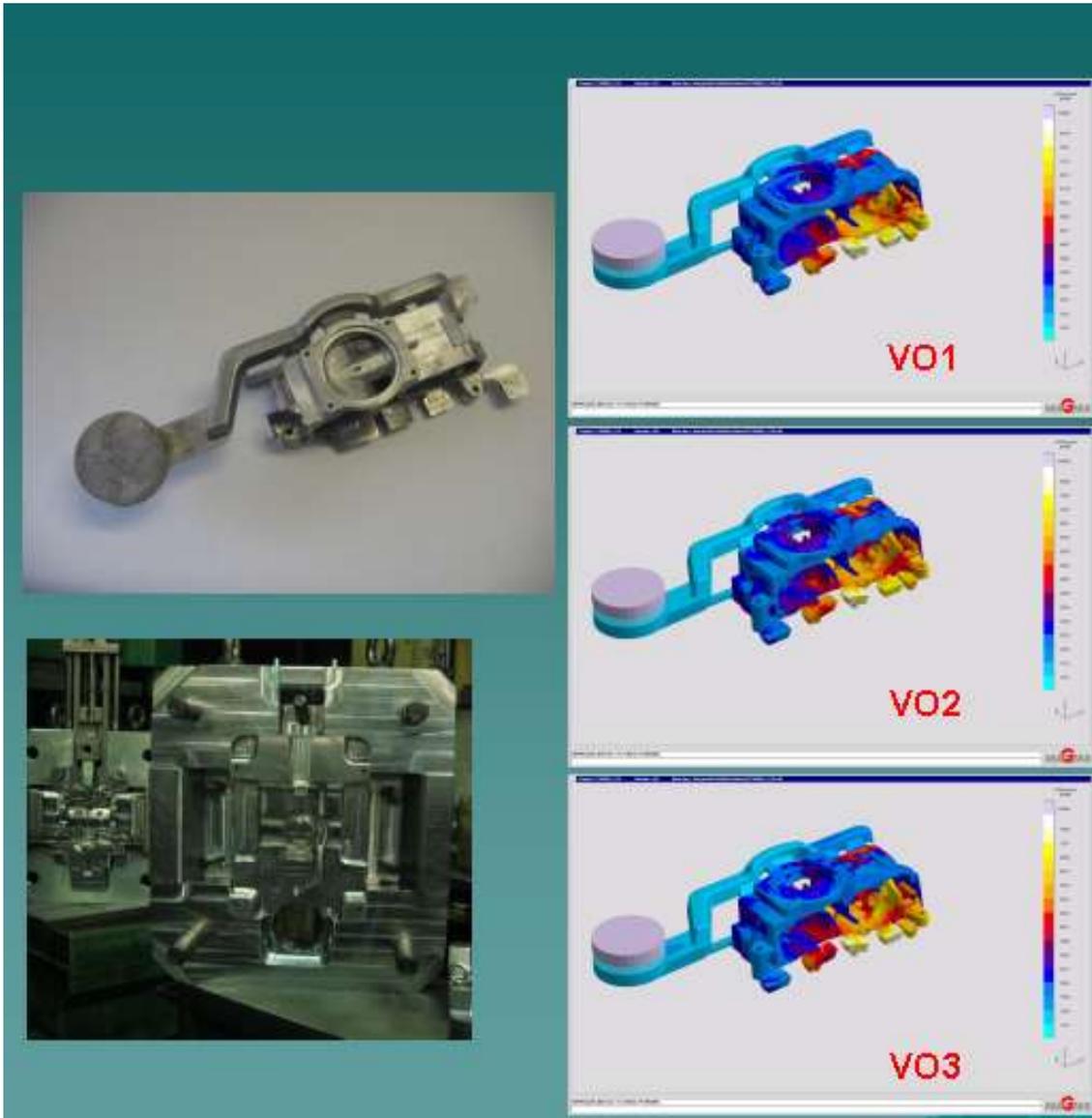
- GEWISS SpA - Italy - Domotic, power devices e-cars, lighting plastic and metal injections
- GROUPE BRONZE ALU - France - Automotive parts die-casting manufacturer
- GRUPPO CAVAGNA - Italy - valves , pneumatic devices , thermostats manufacturer
- LOMOPRESS SPA- Automotive, lighting, electromechanical devices die casting
- NORFRAN LTD. - UK - Automotive, lighting, electrical devices die-casting manufacturer
- PEL Italy - valves, pneumatic devices die casting manufacturer
- ROBUR – Italy – boilers, air-conditioning devices
- TECNOPRESS SPA- Automotive and other products die-casting manufacturer
- SELVA MARINE SPA - Outboards motors manufacturer



MOULD FOR A FLOODLIGHT



AMG: GEHÄUSE



Weight 1,89 kg

Sizes : 210x100x80 h mm.

Alloy : EN AC46000

Die casting steel: 2343ESU

Tempra: vakuum+3 tempers

Frame steel : 2312

Sliders : nitrate parts



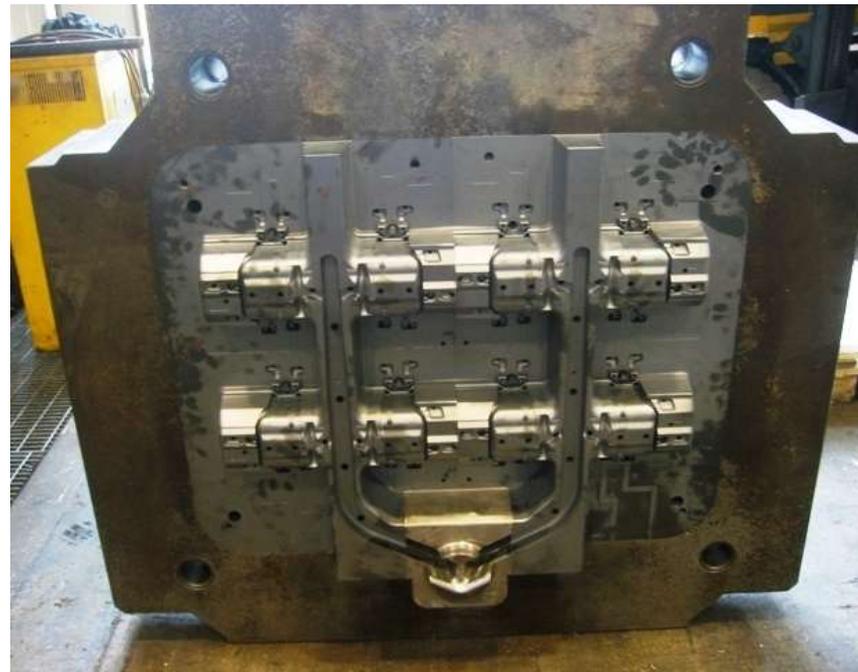
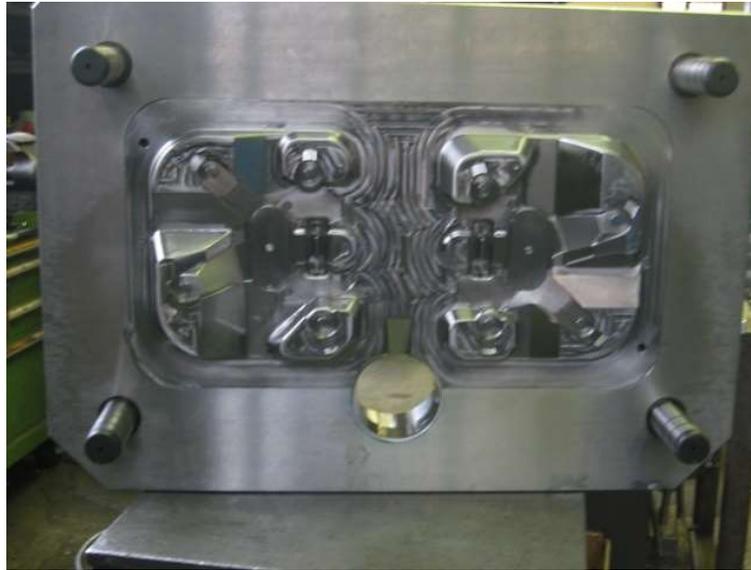
AUDI HEAT SINK AND PSA ENGINE SUPPORTS



CARTER MARELLI AND VALEO



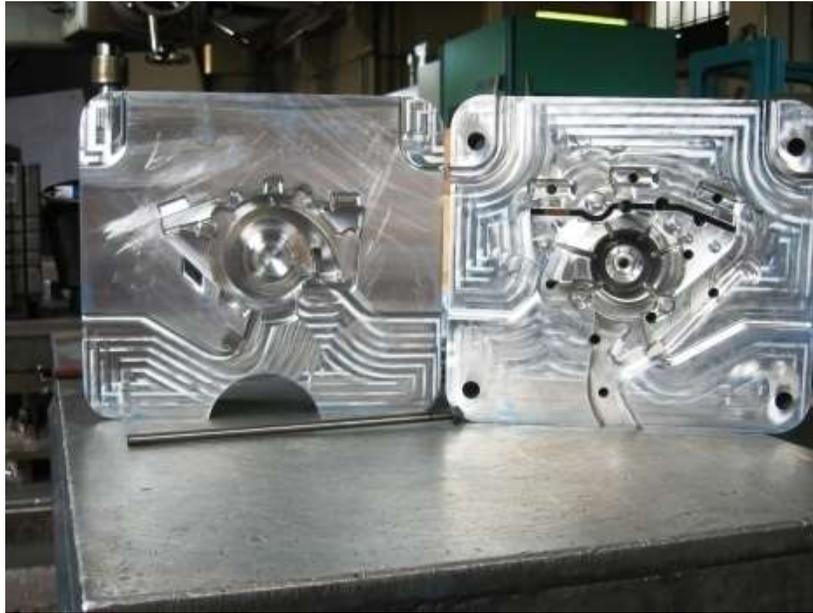
AUDI ENGINE SUPPORT AND RENAULT'S GEARBOX TRANSMISSION



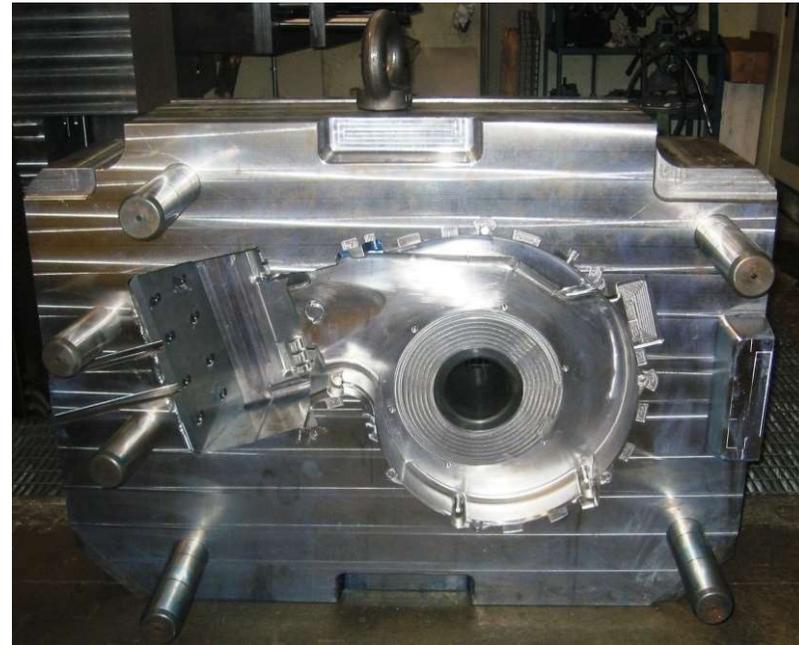
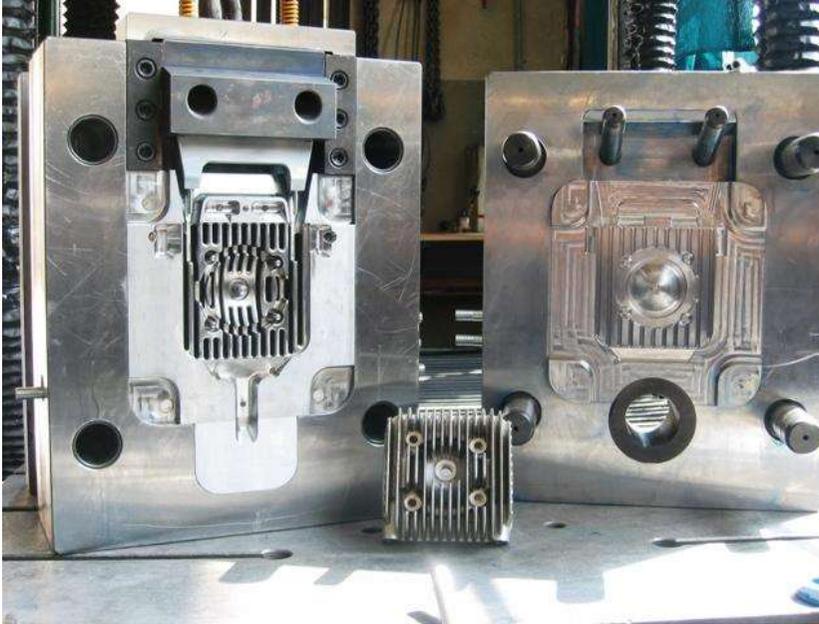
PLATES CLUTCH IVECO AND MERCEDES



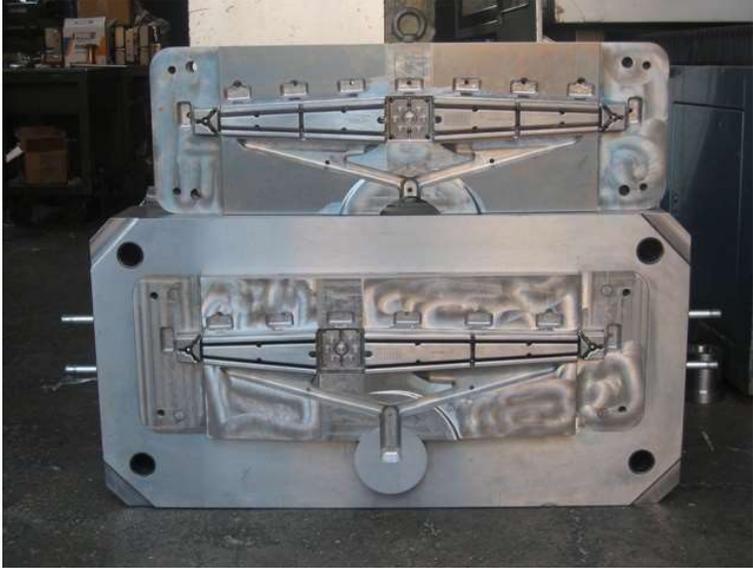
WATER - PUMPS



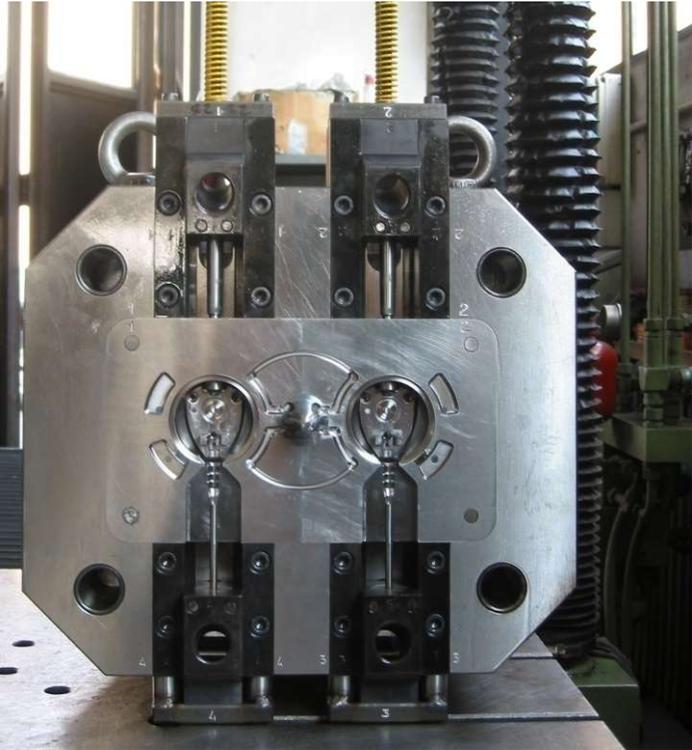
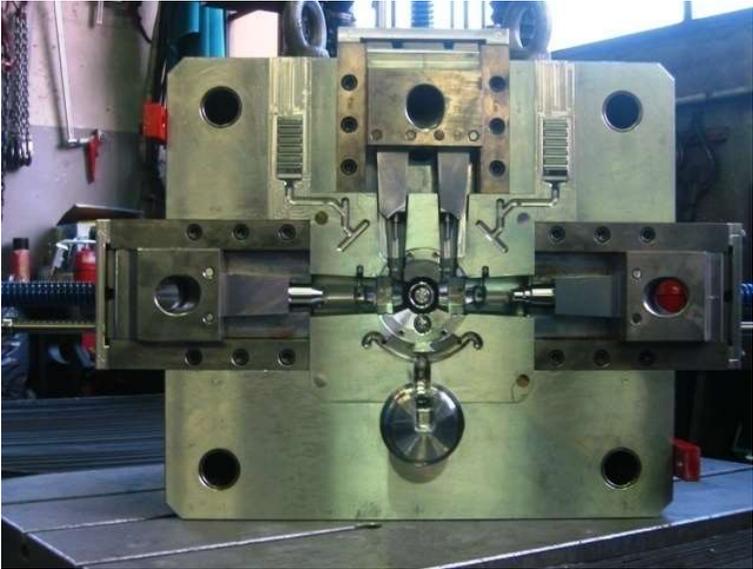
ENGINE HEAD FOR MOTORBIKE AND FAN CARTER



OFFICE SEATBACK AND TABLE-FRAME



GAS - PRESSURE REGULATORS



WE ARE ALWAYS AT YOUR DISPOSAL!

