



Aluminium die casting alloys  
Mold Construction  
Mechanical Machining



**TECAL was born in Brescia in 1992** as a small artisan company for the production of special aluminium alloy housings for small and medium size factories. The effort, supported by the experience of its founder gained over many years of activity, has evolved the company towards a gradual but continuous technological upgrading. This allows us nowadays to respond effectively to the market needs in a reliable and competitive way.



**Our productive growth** has been initially characterized by the use of conventional machineries, gradually replaced by modern and completely automated work stations. Since 2002 we moved into the new headquarter in Longhena, over 10.000 sqm. of which 3200 are covered.



Nowadays Tecal is able to produce any kind of parts with presses of different outputs ( from 320 to 1000 tons) , for a total annual production of 800 tons of semifinished products. We constantly work to satisfy the needs of the customers requiring the execution of subsequent machining or finishing treatments such as deburring, sandblasting, tumbling, etc. We have now a tested and experienced staff for the construction and extraordinary maintenance of the dies. We personally follow up all the stages related to design and testing.

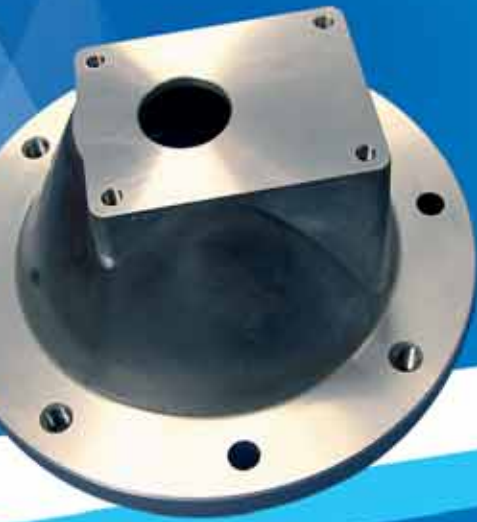


**In the Foundry department** we have eight work stations supplied by two melting furnaces (for the production of parts with different alloys): each productive line is totally automated and complete with a shearing burrs' press. In the Machining department two mechanical CNC lathes and a turntable machining center 4 axes are used. An industrial radioscopia plant is available for a non-destructive production checking.

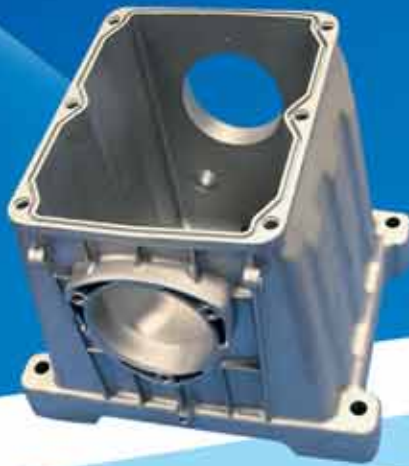




Our customers work in different industrial fields (i.e., the lighting, the hydraulic industry, the automotive and automation industry).



Coupling spider



Compressor basement



Half case 125 cc engine



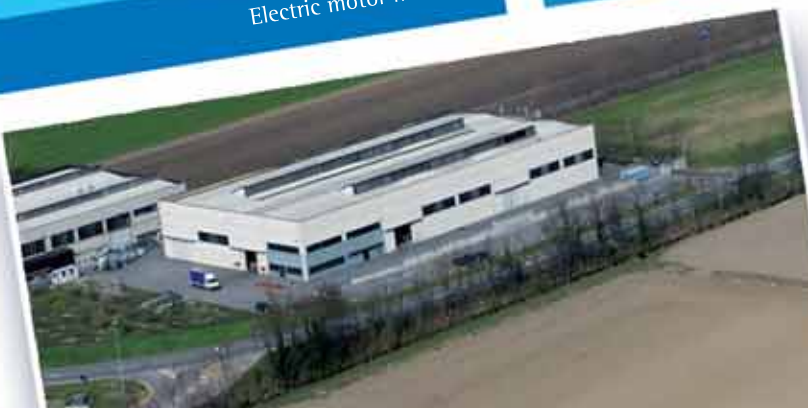
Electric motor housing



Lighting fitting



Front part for telecommunications



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