

Zinc, Magnesium, & Aluminum Die Casting by Del Mar Industries

Watch television, build a home, ride a bike—you have used a piece of equipment made with aluminum die casting. Aerospace and automotive, home appliance and builders, medical and music, consumer electronics and telecommunications are but a few types of worldwide clients of Del Mar Industries, DMI. Aluminum die casting affects the quality of everyone's life. The highest standards possible are the hallmark of Del Mar Industries, a full service provider of value added castings and plating processes. DMI has built a reputation for ingenuity, responsiveness, and reliability.

Del Mar's three operating divisions are certified to the latest ISO 9001:2000 quality standard, emphasizing customer focus, product quality, and continuous improvement. Del Mar Die Casting, a hot process company, specializes in casting zinc and magnesium alloys. Los Angeles Die Casting, a cold chamber process, specializes in aluminum castings utilizing a wide range of aluminum alloys with the capability of producing casting sizes from 1 square inch to a size of approximately 16" x 22". Both DMDC and LADC offer a full range of secondary operations including the ability to provide different finishes, assembly operations, and specialized packaging. Gardena Plating Co. provides plating and coating processes utilizing barrel (bulk) production techniques and offers conversion coatings for both aluminum and zinc die castings, and the ability to provide various surface preparations and a variety of substrate processes and a wide range of finishing choices. Zinc castings can be the size of a dime to medium size castings with a footprint of about 12" x 16". Magnesium castings can vary in size up to a footprint of 12" x 16" as well. DMI has achieved the ISO 14000 certification, a rigid standard for environmental protection.

Their commitment to continuous quality improvement begins with advanced quality planning. Every job begins with an advanced quality plan formulated by an internal project team and consists of identifying key part and process parameters. An independent laboratory is employed to ensure the purity of the metal used in castings. Every part must pass a documented first piece and hourly in-process quality inspection performed by a team of inspectors using a full array of inspection tools. To be assured of the high quality results, look to Del Mar Industries to meet your demands.

About the Author

Del Mar Industries is comprised of three operating divisions - Del Mar Die Casting Co. ([Zinc Die Casting](#) & [Magnesium Die Casting](#)), Los Angeles [Die Casting Co.](#) and Gardena Plating Co. To ensure that its customers receive the highest quality Die Casting possible all three divisions have been certified to the quality standards ISO 9001:2000.

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