

## Callen Die Casting de Mexico

In September of 2002 Callen Die Casting International formed "Callen Die Casting de Mexico" located in Reynosa, Tamps. immediately across the border from McAllen, Texas. This facility operates as a separate financial entity within the Callen Group as a "mequilladora".



The acquired Reynosa facility, located just 4 miles from the United States border has been producing quality Aluminum and Zinc Die Castings for more than a decade for several Fortune 500 companies especially those with operations that have expanded into Mexico.

Callen De Mexico is ISO 9001:2000 certified and continues to expand its production of precision Die Castings ranging in size from a few ounces to 10 pounds in Aluminum and up to 10 pounds in Zinc alloys serving a diverse group of automotive and non-automotive customers, utilizing a 104,000 square feet plant and 17 Die Casting machines.

The following certified alloys are produced:

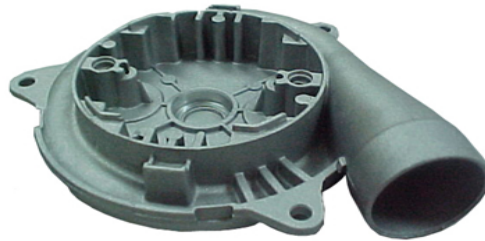
Aluminum: 380, 383, and 413

Zinc: No. 3, No. 5, No. 7 and ZA alloys

Additional value-added services are routinely utilized which include: CNC machining, impregnation, shotblasting, assembly and a plethora of optional coatings / finishes.

## **Callen Die Casting de Mexico Product Design - Process Control**

The Reynosa, Mexico facility interfaces with its sister facilities located in the United States regarding the sharing of intellectual property expertise as applied to part design, die design, construction and process development. Callen Group technical expertise is shared and applied to all projects launched within the group's (3) metalcasting facilities.



## **The Callen Launch Process**

- Design review and refinement while maximizing manufacturability
- Complete DFMEA and PFMEA
- Construct tooling, sourced globally
- Model and mistake proof the injection process
- Sample, correct and refine all injection parameters
- Submit PPAP level 3 on schedule
- Ramp-up routine automated production while further refining the injection process



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## Callen Die Casting de Mexico Facility List

Aluminum Capacity		Zinc Capacity	
2	800 Ton	1	400 Ton
8	600 Ton	2	250 Ton
1	450 Ton		
2	400 Ton		
<b>Machining Equipment</b>			
12 Delta Rockwell Multiple Head Drilling Machines			
13 CNC Machining Centers			
<i>Additional equipment custom-designed for specific work</i>			
<b>Quality Assurance</b>			
2 Zeiss XYZ Coordinate Measuring Machines			
1 Steel City Tensile Strength Machine			
1 Hardness Tester			
<i>A comprehensive collection of standard inspection and measuring devices is maintained and constantly upgraded.</i>			
<b>Vibratory Deburr</b>			
1 Rotofinish 70 cu ft Vibratory Machine			
1 15 cu ft Rotofinish Vibratory Machine			
1 15 cu ft Hudson Vibratory Machine			
<b>1 Imprex Impregnation System</b>			
<b>Tool Room</b>			
<i>A complete fully equipped tool room to facilitate the care and maintenance of the tooling assets entrusted to Callen.</i>			



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## Callen Die Casting de Mexico Contact Us



For More Information:

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