

## CASE STUDY

Cleaning | Forging | Amasteel

### Overview

Spain – CIE Automotive is a supplier of components and sub-assemblies for the global automotive market, basing its actions on the use of complementary technologies and various associated processes. In total it operates 79 manufacturing plants across 35 countries, committed to continuous improvement through innovation. Key customers include Renault, Chrysler, Daimler, Ford, Volkswagen, GM, Nissan, Caterpillar, DAF and MAN.

*"We're delighted to have changed to using Ervin Amasteel products because they have significantly reduced our costs in both in the blasting and coating processes. This helps us make CIE Automotive products more competitive in the automotive market."*

IKER BEZARES  
PRODUCTION MANAGER, SPAIN



### Challenge

Reduce the impact on the environment, and improve the blasting process to achieve productivity improvements without compromising finished part quality.

- Reduce environmental impact
- Improve blasting process
- Maintain finished part quality

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## Solution

Reducing abrasive consumption will reduce required waste disposal, thereby lowering environmental impact. Ervin product provided an optimised operating mix – thanks to its adherence to 3rd party international specifications and its improved life.

Their technical support worked in partnership with CIE production and maintenance staff to reduce the level of abrasive discards by adjusting the setup of their blasting machine. All this testing was done against competitor abrasive in a CIE plant in Spain, as part of normal production without interrupting supply.

*“Our experienced technical team evaluated this process and identified adjustments that mean CIE Automotive can achieve significant productivity improvements without compromising the quality of their finished parts.”*

MANEL FORN  
ERVIN SALES MANAGER  
IN IBERIA

## Result

Following a closely monitored and well-documented testing period, it was shown that Ervin product blasted an additional 24% of work pieces per kilogram of abrasive. Due to this significant decrease in abrasive consumption and therefore waste, and the level of technical support supplied to CIE, the plant has moved 100% to Ervin abrasive following the test.

- 24% increase in productivity
- Abrasive consumption and waste reduced
- Technical support for further savings

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# ERVIN

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