



## ENVIRONMENT

### Casting goes green

By choosing an environmentally sensitive aluminium die-casting partner, businesses can help reduce overall carbon footprint via their supply chain. Aluminium Die Casting SRL has invested in its facilities and processes to conserve energy and recycle resource as much as possible, ensuring that the environmental impact of any order is minimised.

The recent facility refurbishment meets the highest current environmental legislation. For example, the rain collection system is paired with on-site evaporators, which means that there is 100% water re-usage during the casting process. Additionally, new lubricators reduce liquid use even further, which also delivers the added benefit of a shorter process time – translating to a faster delivery.

Frequency inverters installed on presses help to deliver an overall energy saving of up to 57%. State-of-the-art compressors that attain high efficiency standards again reduce overall energy consumption across the site. To ensure that energy used is not all lost as heat to the working environment, all press ovens feature optimised insulation. Energy efficient LED lighting is also standard across the facility. Increased energy efficiency means less capital investment on each casting too, a value that is reflected in highly competitive Aluminium Die Casting SRL pricing.

A culture of green thinking at Aluminium Die Casting SRL also extends to cleaning. Via an initiative to promote cleanliness and reduce wastage during the production process, the business has been able to reduce floor detergent use by 66%, limiting the use of chemicals at the site.



#### Aluminium Die-Casting environmental benefits:

- » Reuse of resources expedites production
- » Reduced energy consumption delivers better value castings
- » Environmental ethos reduces supply chain carbon footprint