



MACHINING

Modern, High Quality, In-House!

A key component of a “die-cast to finish” service is machining capability. By ensuring castings are machined with the utmost precision and finish, castings can be delivered complete for the next stage of any production process.

Aluminium Die Casting SRL conducts all machining in-house for consistent quality control. State-of-the-art automated production processes and extensive machining capacity deliver a combination of both product quality and reduced lead times at a highly competitive cost point – perfectly suited to the supply demands of large-scale manufacturing operations.

Machining is accurate down to MICRON tolerances thanks to the use of only Mori Seiki CNC machines. Each is specialised to enable minimal downtime and offer a vast range of tooling options, while delivering totally clean castings with no residual shavings. Leak testing machines also allow exceptional product quality assurance with regards to finished castings. This helps smoothen the transition to subsequent customer production processes.

The machine park consisting of 18 horizontal, vertical and lathe CNC machines are available at any one time to expediate orders. Some machines even feature robotic loading and unloading, concentric simultaneous processing capabilities or charging and discharging during machining for maximised productivity. For bespoke requirements, a full in-house machine tooling design and production capability is available.

Process optimisation is a built-in service. Working with customers, Aluminium Die Casting SRL can recommend the optimum combination of die casting and machining to produce specific product attributes.



Aluminium Die-Casting machining service benefits:

- » Highly precise, automated machining to secure product quality
- » Extensive in-house machining capacity for reduced lead times
- » Turnkey service from tooling and process optimisation to final cleaning
- » “Die-cast to finish” approach for assembly ready castings