



**GARCIA GARCIA**  
DESIGN & BUILD



## BONTAZ CENTRE - AUTOMOTIVE

### Design & Build Industrial

**The French group Bontaz, which specialises in the design and manufacture of subsets for car engines, chose Garcia to build an R&D center in the Lanheses Business Park, in Viana do Castelo.**

Sited in the highest zone of the Lanheses Business Park, its imposing size stands out in the surrounding landscape. The building's rectilinear design is marked by two horizontal volumes separated by another element, also horizontal. In the latter, the company's brand is located but it also hides the technical zone

Resource savings and energy efficiency were the main concerns of the conceptual project, which established requirements such as the control of sunlight using solar shades on the large glazed spans that characterise the structure. The requirements of the centre are also evident in the complex networks supporting the R&D operation, particularly the electricity network by means of busbar channels, the compressed air network and the process water distribution network, as well as the advanced air conditioning system which allows full control of

**YEAR OF CONSTRUCTION:** 2018

**TOTAL FLOOR AREA:** 11.950 m<sup>2</sup>

**PLOT AREA:** 73.140 m<sup>2</sup>

**FOOTPRINT AREA:** 73.140 m<sup>2</sup>

**PRODUCTION AREA:** 10.100 m<sup>2</sup>

**TECHNICAL AREA:** 450 m<sup>2</sup>

**ADMINISTRATIVE AND SOCIAL AREA:**  
1.400 m<sup>2</sup>

**LOCATION:** Viana do Castelo

**LEAD TIME :** 9 Months

temperature in the building.