



## MANDIOLA COMPOSITES

Mandiola Composites, located in Zumaia, in the north of Spain, is a highly competitive mid-size company, which is specialized in the manufacturing of composed materials for, among others, the construction of Aeolian generators. Its products are exported to different countries and at the moment, they find themselves in a process of strong growth.

### *Improving production by reducing work load*

The objective was to significantly reduce the total time dedicated by Mandiola to the tasks that are now automated by the system. Javier Mandiola, founder, owner and manager of Mandiola Composites analysed other solutions on the market but states that *"edinn® M2 has everything we need to improve our production and to reduce our work load"*.

### *Automated control of different processes simultaneously*

Before installing edinn® M2, the operator had to keep in mind the status (pressure and time to dry) of various moulds of fibre glass injection processes. He had difficulties with changing to other tasks, as he had to control different processes at once, manually.

Today, pressure on each mould changes automatically and the operator does not need to supervise this because edinn® M2 indicates, by means of light and sound notifications, that the correct pressure has been reached. Once the piece inside the mould is dry, hard and ready, the operator is notified again. *"Since we use edinn® M2, the operator can handle more moulds and can switch to other tasks very easy"*, states Javier Mandiola.

### *Procedure regulated production*

As the operator is switching from task to task while he is waiting for pieces to dry in the moulds, sometimes, it was hard to determine the stage of a particular process. This led to frustrations, less productivity and more human errors.

With edinn® M2's Autocontrol module, the operator now exactly knows the next step within every process, as the process has been divided into subtasks. *"Thanks to edinn® M2, productivity has been increased because operators follow procedures"*, says Javier Mandiola.

### *Traceability to obtain ISO9001:2000 certification*

edinn® M2 provides an instant sticker to mark every product and to trace its production parameters such as temperature and pressure. Mandiola obtained the ISO9001:2000 certification thanks to this tool.

### *More efficient production processes*

From the most complex automatic production process, including many machines connected in line dependence, to manual production processes where an operator produces pieces manually, edinn® M2 is able to monitor and provide useful information and the main tools and techniques to improve efficiency.

For more information please contact:  
annemarie.vrolijk@edinn.com  
Marketing Manager - Tel. +34 96 328 36 54

