



The  
power to  
control

## Custom-made controllers

### Ironing machine controller

#### Project description

For this customer, E.D.&A. developed a new controller with safety functions for an ironing machine. Besides the electronics with motor control functionality, E.D.&A. also developed the user interface.

This is a custom-made multi-coloured LCD display with capacitive touch. E.D.&A. produces, assembles and tests these controllers in-house.

From a cost aspect, more and more functions are being integrated into the controller.

Safety functions to prevent machines from posing a risk to their environment or to the operator are also integrated into the controller.

The result is that external components are no longer necessary to guarantee these functions.

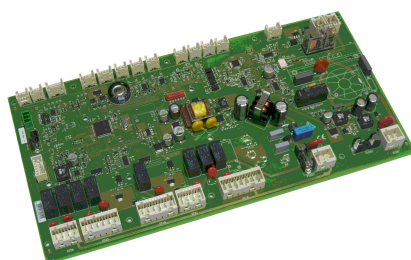
#### Customer

Globally renowned German machine manufacturer.



#### Characteristics

- the software meets the strict requirements of Class B control function
- integrated safety functions in the controller
- FMEA (Failure Mode and Effects Analysis) on component level
- the integrated test environment monitors the quality e.g. by means of static code analyses



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