

BUNGE

Automation change system from S5 to S7 300 on blow-moulding machine

CUSTOMER'S NEED:

The customer needed to replace a Siemens S5 PLC with a more up-to-date one. The necessary piece was unobtainable; at first the customer had opted for the installation of a standard PC which, however, could not ensure the availability of a replacement. Our specialized technicians decided to change the existing PLC with a Siemens S7.

BBM SOLUTION:

Our specialized technicians decided to change the existing PLC with a Siemens S7. The modification includes the insertion of a Siemens touch HMI panel and the possibility of remote assistance remote control, both locally and on another PC, ensuring instant interchangeability. In addition, the machine has been equipped with an external portable PC Service, where our technicians can connect and make any changes.

Now, we are able to predict any adjustments or trouble shooting at the electrical level and to intervene immediately. In addition, it is possible to make changes to the data collection of the machine and to implement custom pages with a specific data collection requested by the customer. The result is an updated machine in complete management by the customer; also, thanks to the advent of industry 4.0, it is possible to make a data exchange or visualize production in real time. The new communication standard allows it to manage temperature regulation, allowing easy future substitutability.



Before



After

