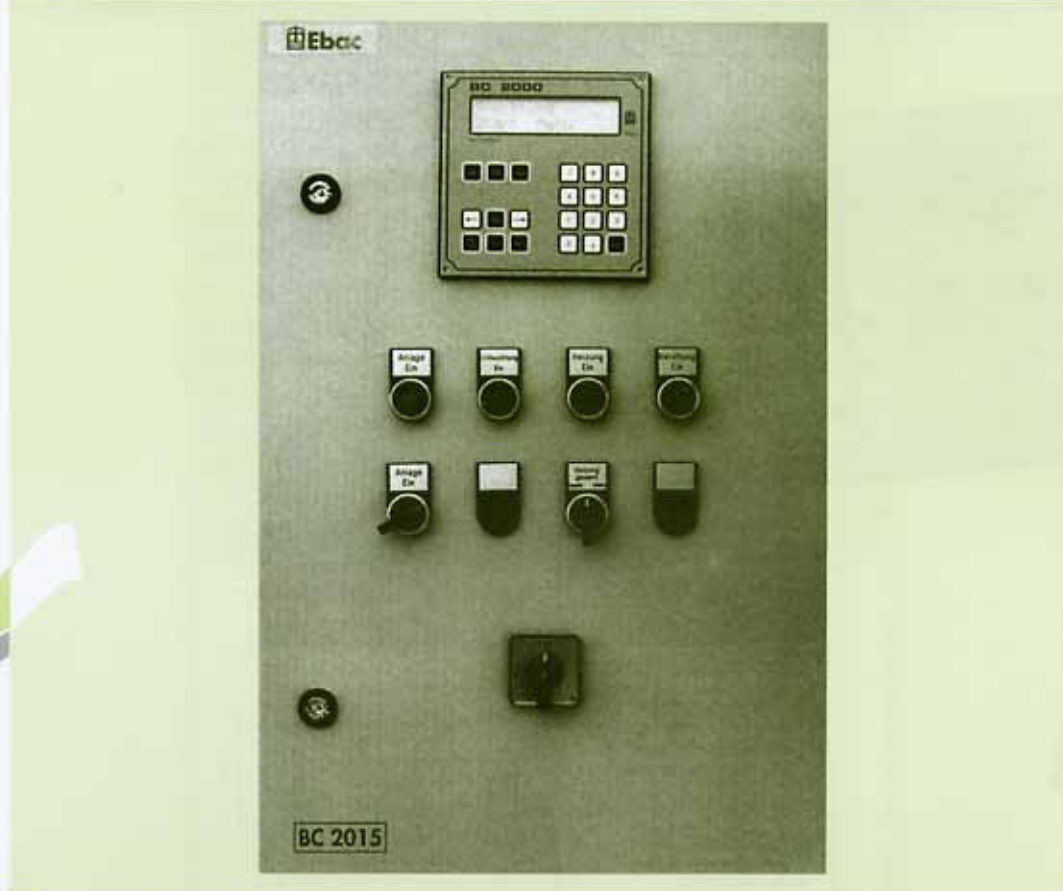


# THE INTELLIGENT CONTROL SYSTEM FOR WOOD DRYING

BC 2000 is an exceptionally efficient control system for wood drying kilns and has been specifically designed to match the various Ebac dehumidifiers. To isolate the control system from potential hazards, the computer-controller BC 2000 is always installed in a cabinet which also houses the power equipment for switching the motors and valves.

BC 2000: for Ebac dryers LD 82 and FD 100 as version BC 2010 and BC 2015 respectively and for Ebac MF dryers

**BC 2000 EFFICIENT AND EASY**



as version BC 2020. If more than one MF dryer is operated in one kiln, one auxiliary control system SCB 2022 will be required per unit. The operation of BC 2000 is simple. The programming is done in a dialogue between

 **Ebac**

control system and operator who selects the appropriate setting from a series of values which are displayed. Once set, the BC 2000 will control the drying process automatically guaranteeing a degrade free drying. The BC 2000 is able to do this because it contains the drying parameters of 98 wood species. To provide for as gentle a drying as possible the control system splits the drying process into three phases: heating, drying and cooling.

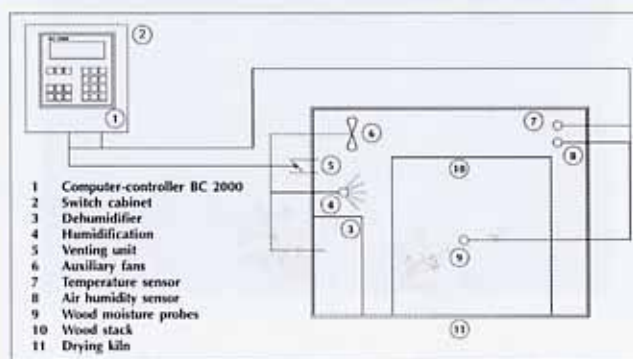


TECNICAL DATA	BC 2010/2015	BC 2020
height	600 mm	800 mm
width	400 mm	800 mm
depth	250 mm	300 mm
display	2 x 16 digits	2 x 16 digits
mains connection	230 V, 400 V, 50 Hz	
BC 2000 inputs	6 (analog)	6 (analog)
BC 2000 outputs	5 (Relay)	5 (Relay)

To enable the operator to monitor the drying process, current values can be displayed by the control unit.



At the end of the drying run, the variables at each stage of the process can be reviewed. The values measured by each of the moisture probes can be displayed at any time during the drying process. This enables the operator to identify any possible highly deviating values which can then be excluded from determining the average value. BC 2000 allows the storage of up to 10 drying programmes which can be recalled on request.



Schematic representation of drying kiln equipment and the connection of BC 2000.