



WOOD CONTROL
TECHNOLOGY

Product Sheet

PLC – NMR 2000

We make your production easier.

All PLC components in **NMR 2000** are made by Siemens and we continuously update ourselves with the latest technology to future-proof, both hardware and software.

PLC is the S7-1500 series and with choice Failsafe if we also handle machine control together with the safety system.

In our system building, our key words are friendly to use and flexibility. We try to use Operator Screens with Touch function at the operator locations as much as possible.

HMI – The operator display is well thought out and well-sized, so that buttons and access to underlying menus are adapted to the Touch function.

Computers, PLC, SQL database hardware, etc. are built into a ventilated main cabinet. This is to ensure a good environment and extend the technical life of the electronics part.

From the PLC cabinet we communicate out to the plant's I/O nodes, workstations and its equipment via communication bus.

All applications are written in the TIA portal. Program blocks that may be applicable when troubleshooting the customer's own staff, are written in LAD, other programs in SCL and STL and all well commented. Some application blocks are protected by "know-how-protection" and will not be accessible to the customer.

We perform machine controls, sorting and safety programs for the sawmills' various processes:

- ✓ Log sorters
- ✓ Log intakes
- ✓ Saw lines
- ✓ Green & Dry sorters
- ✓ Planer lines

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