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1 NEW FEATURES

1.1 PLC and CNC messages in Russian, Chinese, Japanese and Korean

To display PLC and CNC messages in Russian and mainland Chinese on an 8055 CNC, they must be edited at a PC, converted to CNC language using the WINDNC (version 5.1) application and sent to the CNC.

Since the CNC has CJK-Unicode characters, the texts can also be displayed in traditional Chinese, Japanese and Korean. To do this, English, Chinese or Russian must be selected at the CNC; e.g. a CNC set for English can display texts in Korean.


Notes:

The Windnc converts and stores all the messages in the program whose number has been defined in CNC general parameter "MSGFILE".

It also possible to independently process programs PLC_MSG , PLC_ERR as well as P999995 and P999994 associated with the OEM texts.

Russian or Chinese messages cannot be written directly in a program using the MSG command; it can only refer to a message number available in the described message files., for example: MSG 17.

Comments in Russian or Chinese cannot be displayed in a program even if the program has been edited in a PC and converted at the Windnc; the CNC will not issue any errors, but the comments will appear as strange characters.

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The steps to import a Unicode file would be the following:

- Using the "Files" option, go into the file display window. Once there, select the "View" option and then "Programs". Thus, a new option will be displayed: "Conversion tools".
- Once it is selected, select "import Unicode file" A window will be displayed for selecting the Unicode file to be imported; that file must have the extension .txt.
- If the conversion is successful, it generates (in the work directory defined in WinDnc) a program with the same name, but with the extension corresponding the type of CNC (.pit for a lathe model or .pim for a mill model). If an error occurs, it will be displayed in a window.
- It is also possible to do opposite using "Conversion tools" "Export a file into Unicode", in this case, starting with a CNC message program (.pit if a lathe model or .pim if a mill model), the result would be a Unicode file (.txt).

2 VERSION COMPATIBILITY

Working with messages in Russian, Chinese, Japanese and Korean also requires WINDNC version 5.01 or newer, 8055 CNC mill version V13.01 or newer or lathe version V14.01 or newer.