

Configuring with PATH Plus

With the PATH Plus program, three-phase drives fed by frequency converters for SIMOVERT® MASTER-DRIVES Vector Control and Motion Control units can be configured easily and quickly.

The program is a powerful engineering tool which supports the user in all stages of configuration - from power supply to the motor.

Menu-guided selection and layout of the frequency converters enable the system components and the motors necessary for a specific drive task to be determined. Automatically displayed information makes fault-free planning possible.

A comprehensive help system also supports the first-time user of the program. PATH Plus provides a logical and easy-to-use dialog proce-

dure to guide the planning engineer towards a reproducible and economically efficient drive configuration, starting with the mechanical requirements of the machine and the drive task involved. The technical data of the frequency converters and motors, the selected system components and the necessary accessories are listed in detail.

PATH Plus enables drives to be configured on the basis of a load characteristic or a load cycle and enables planning of applications such as the following:

- traversing and hoisting gear,
- slewing gear,
- spindle drives,
- center winders and
- thrust crank.

PATH Plus also includes a comfortable graphic display for showing

- torque, speed, output, current, velocity and acceleration versus time and
- torque versus rotational speed.

Supply harmonic disturbances can also be calculated and graphically displayed.

The planning and configuring results can be stored, printed out or copied to other user programs via the clipboard.

PATH Plus is available with either a German or English user interface.

You can download the demo version of PATH Plus from the following Internet address:

<http://www.siemens.com/motioncontrol>
(products&systems/drive systems/software).

If you need the full version of PATH Plus, contact your local Siemens office and quote the following order number: **6SW1710-0JA00-2FC0.**

