

System Requirements

1. Meaning

For the functioning of the **CS** Staircase-Software Programs (SSP) it is absolutely necessary that the system requirements listed below are kept. Due to the continuously progressing and changing technology, malfunctions may still be possible. If, in such a case, **CS** should have to change the software in order to restore the functioning, a delivery delay may occur. Nullification of the sale, liability and withhold of payments for such delivery delays are excluded.

The customer is responsible for keeping the system requirements listed under point 2.x.

2. Requirements

2.1 Hardware

	at least*	recommended
IBM-compatible PC with processor:	Pentium 1200 MHz	Pentium 4 with 3 GHz or more
Main memory (RAM):	500 MB	1024 MB or more
Fixed-disk drive with at least 1 GB free storage capacity as well as about 2 MB free storage capacity for each planned construction		
CD-ROM drive for the installation (memory stick, network)		
VGA graphic card with a minimum resolution of 1024 x 768		
A mouse with the appropriate driver must be installed. A mouse with a scroll wheel is recommended.		
For being able to use the SSP, a licence key on an USB-interface is necessary. At least one USB-port must be available. The used output facilities (printer, plotter) must also have respective interfaces.		

* PCs at the CNC-machine may have other prerequisites. Please ask for them.

2.2 Software

Please observe the following points:

For the generation of the CNC-programs and the configuration of the postprocessor, the access to a functioning DOS-box is necessary.

This only exists for 32-bit-systems. If you use a 64-bit system, it is necessary to install a virtual PC.

In the case of several workstations, this only applies to PCs on which CNC-programs are **actually** generated and where predefinitions are changed.

Due to technical changes of current graphic cards it may be possible in some exceptional cases that the SSP are not displayed correctly.

(If required, please ask by e-mail for our graphic test.)

Windows XP Home Edition and Windows Vista Home are not compatible with the SSP and therefore cannot be used!

Operating system for a single-workstation licence

- Windows 2000 (including update rollup 1 for Windows 2000 SP4)
- Windows XP Professional
- Windows Vista Business, Windows Vista Ultimate
- Windows 7 Professional, Windows 7 Ultimate, Windows 7 Enterprise

Operating system for a network licence

- Windows 2000 (including update rollup 1 for Windows 2000 SP4)
- Windows 2003 Server
- Windows 2008 Server
- Windows XP Professional
- Windows Vista Business, Windows Vista Ultimate
- Windows 7 Professional, Windows 7 Ultimate, Windows 7 Enterprise

Further requirements for a network licence:

- The database server must not work with more than 4 processor cores.
- The transmission rate in the network must be at least 100 MBit/s.
- The network must be based on the TCP/IP-protocol.
- All PCs must be accessible with the „ping“-command.
- DCOM must be installed and switched on on all PCs.
- A good knowledge of network administration is necessary for the installation. This is especially important for the system configuration.

Whether DCOM is activated can be checked with the tool „dcomcnfg.exe“. DCOM is installed as a standard. With „start/execute/open dcomcnfg.exe“ you get to the DCOM-configuration.

2.3 Necessary equipment (depending on the programs used):

- For the plotting of 1:1 templates under Windows we support the plotters HP DesignJet 510 Plus and HP DesignJet T610 with the current Windows driver.
- With other/older plotters or continuous-form printers in combination with new hardware and/or new software/new operating systems it may be possible that diverse problems occur.
- For A4/A3-printouts, Windows drivers are necessary.

If you should have any further questions, please contact our technical service under the telephone no.: **+49 (0) 2 31 98 12 90 – 30.**

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