

System Requirements Metrosoft CM 3.112

For the operation of Metrosoft CM 3.112 the following computer hardware is required:

- **Recommended:** for new computers and optimized operation
- **Minimal requirement:** only for existing computer hardware

PC hardware containing components of a lower specification than these requirements, or deviating in any other way should only be used after consultation with WENZEL Metromec AG.

	Minimal <u>only</u> for existing computer hardware with an update to Metrosoft CM 3.112	Recommended for new computers and optimized operation
Operating system	Microsoft Windows Vista	Microsoft Windows 7 (Professional)
Processor	Intel Pentium 4 >= 2.0 GHz	Current Intel processor Core i7 or Core i5
Main memory	1 GB RAM	4 GB RAM (x86) / 8 GB RAM (x64)
Graphics card	PCI or AGP card >= 256 MB RAM Recommended: NVIDIA GeForce Series Not recommended: all ATI graphics cards as well as NVIDIA Optimus Technology	Standard graphics card >= 1 GB RAM (2 x DVI or 2 x HDMI) Recommended: NVIDIA GeForce Series Not recommended: all ATI graphics cards as well as NVIDIA Optimus Technology
Screen	At least 17" screen Resolution 1024 x 768	Dual screen operation with >= 19" TFT screens
Hard disk	120 GB / IDE or SATA	>=160 GB / SATA or SATA II
CD/DVD drive	CD or DVD drive (ROM or RW)	
Interfaces	Several USB 2.0/3.0 ports, LAN	
Card slots	2 x PCI Slots or 1 x PCI Express x 16	
Serial multiple inter- face card	A serial multiple interface card (RS-232) is required for the communication with the machine (CNC controller, PH10, probe changer, and so on). Therefore a slot on the motherboard has to be free. Recommended: MOXA 4-port RS-232 PCI or PCI Express card This card is available from WENZEL Metromec AG with drivers for all operating systems.	
Pointing device	Mouse with wheel	
Printer	Actually every printer supported by Microsoft Windows can be used. Recommended: Color laser printer or any powerful printer with sufficient internal memory.	
Data backup	We recommend for the data backup an external device like Streamer, CD/DVD-RW Drive, Flash Drive, external hard drive, etc.	

Supported Microsoft Windows operating systems

	NT 4.0	2000	XP	Vista (x86 / x64)	Win 7 (x86 / x64)	Win 8 / 8.1 Win 10
Metrosoft CM 3.30	✓	✓	✓	✗	✗	✗
Metrosoft CM 3.40	✓	✓	✓	✗	✗	✗
Metrosoft CM 3.50	✓	✓	✓	✗	✗	✗
Metrosoft CM 3.60	✗	✓	✓	✗	✗	✗
Metrosoft CM 3.70	✗	✓	✓	✗	✗	✗
Metrosoft CM 3.80	✗	✓	✓	✓	✓	✗
Metrosoft CM 3.90	✗	✓	✓	✓	✓	✗
Metrosoft CM 3.100	✗	✓	✓	✓	✓	✗
Metrosoft CM 3.110	✗	✗	✓	✓	✓	✗
Metrosoft CM 3.111	✗	✗	✗	✓	✓	✗
Metrosoft CM 3.112	✗	✗	✗	✓	✓	✗

Windows NT 4.0 (SP6)

Since February 2002 the operating System Windows NT 4.0 officially is not serviced anymore by Microsoft. Therefore WENZEL Metromec cannot guarantee a proper function of Metrosoft CM using Windows NT.

Windows NT 4.0 is no longer supported since Metrosoft CM Version 3.60 and an installation of a newer Metrosoft CM version is not possible when using Windows NT 4.0.

Windows 2000 (SP4)

Windows 2000 is no longer distributed by Microsoft since April 2005. The mass support ended on June 30, 2007. Microsoft will still distribute security updates under their extended support until June 2010.

Therefore WENZEL Metromec cannot guarantee a proper function of Metrosoft CM using Windows 2000.

Windows XP (SP3)

Since April 8th, Microsoft does not offer any support nor updates for Windows XP anymore.

From Metrosoft CM 3.111 on, Windows XP is not supported anymore as the CAD interfaces (converter) cannot be installed and used under this operating system anymore.

Windows Vista (SP2)

In order to operate Metrosoft CM one of the following version is required:

- Windows Vista Enterprise
- Windows Vista Business
- Windows Vista Ultimate
- Windows Vista Home Premium

To ensure that the 3D graphics in Metrosoft CM work properly, the Aero Glass mode has to be disabled. Further the graphics card driver has to be optimized for Windows Vista and OpenGL.

Windows 7

In order to operate Metrosoft CM one of the following version is required:

- Windows 7 Enterprise
- Windows 7 Professional
- Windows 7 Ultimate
- Windows 7 Home Premium

To ensure that the 3D graphics in Metrosoft CM work properly, the Aero Glass mode has to be disabled. Further the graphics card driver has to be optimized for Windows 7 and OpenGL.

64-bit versions of Windows 7 and Windows Vista

In order to execute 32-bit programs without modification, 64-bit versions of Microsoft Windows use the subsystem "Microsoft Windows-32-on-Windows-64" (WOW64).

Therefore Metrosoft CM 3.112 can be installed and used on Windows 7 x64 and Windows Vista x64. The limit for maximal useable random access memory for Metrosoft CM stays at 4 GB RAM.

Windows 8 / 8.1 and Windows 10 → not supported!

The components contained in Metrosoft CM are not supported by the new Windows operating systems. Metrosoft CM is not compatible with Windows 8 / 8.1 and Windows 10.