

## The HD ANALYST program

The HD ANALYST program checks and updates the Windows operating system on the hard disk of the TC knitting machine.

The entire process is composed of four steps:

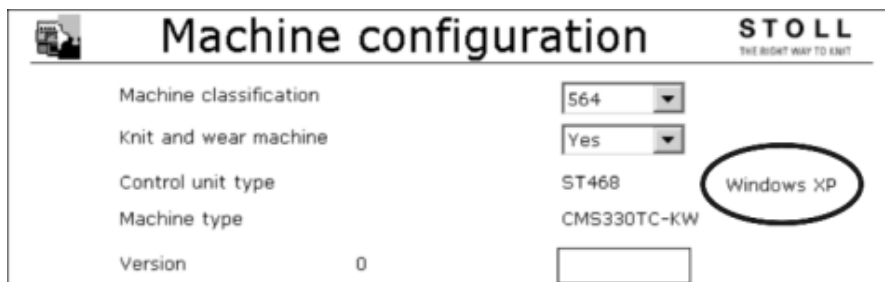
1. Determine the Windows operating system being used by the knitting machine (Windows 95 or Windows XP).
2. Download the HD ANALYST program from the Stoll homepage (customer network).
3. Decompress the HD ANALYST program and save it to a data medium.
4. Run the HD ANALYST program.

### Determine the Windows operating system being used by the knitting machine

The HD ANALYST program is available in two versions:

- for machines with the Windows 95 operating system
- for machines with the Windows XP operating system

Information on the Windows operating system being used by the knitting machine is found in the **Machine configuration** menu (Service -> Basic settings -> Machine configuration).



Machine configuration		STOLL THE RIGHT WAY TO KNIT
Machine classification	564	
Knit and wear machine	Yes	
Control unit type	ST468	Windows XP
Machine type	CMS330TC-KW	
Version	0	

The Windows operating system being used is displayed on the **Controller type** line (starting with Stoll operating system version 3.1).

**Download the HD ANALYST program from the Stoll homepage (customer network)**

The HD ANALYST program can be found at

[http://ftp.stoll.com/customer\\_downloads/cms\\_bootfiles/ST168](http://ftp.stoll.com/customer_downloads/cms_bootfiles/ST168)

in the same folder as the Stoll operating system.

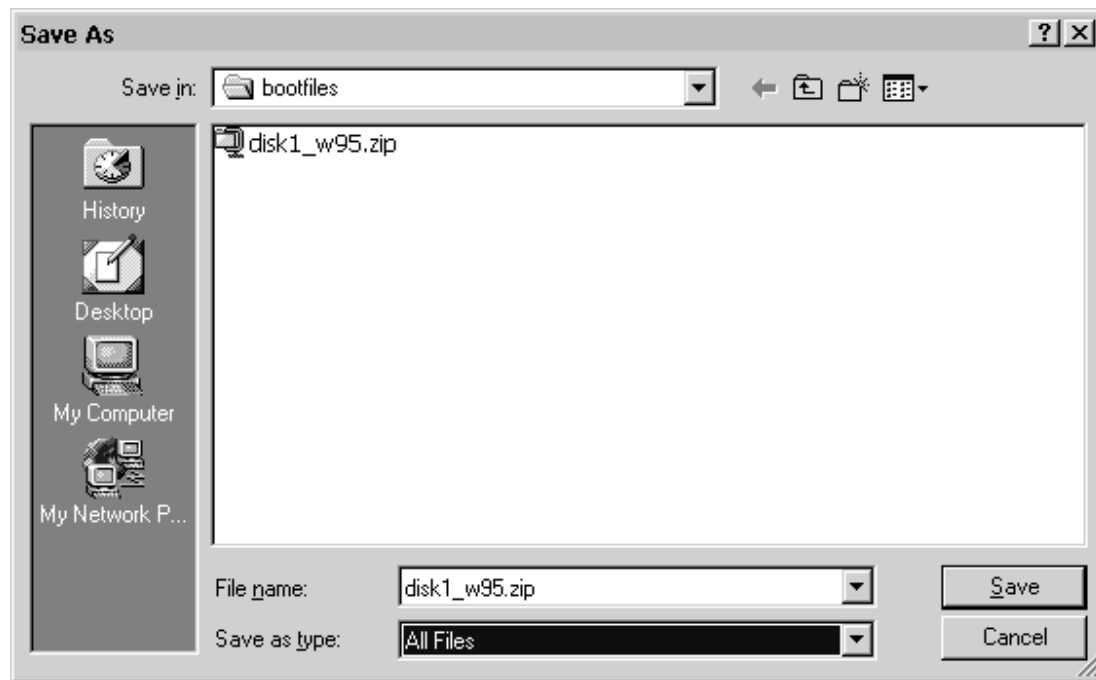
Download the following files for the respective Windows operating system to the hard disk (e.g.:

D:\STOLL\M1\bootfiles):

Windows operating system	Stoll operating system	HD ANALYST program
Windows 95	as of v. 3.3	disk1_w95.zip (start floppy) disk2_w95.zip (additional programs) disk3_w95.zip (additional programs)
	up to v. 3.2	disk1_w95.zip (start floppy) disk2_w95.zip (additional programs)
Windows XP	as of v. 3.0	disk_wxp.zip

Download the files:

5. Position the cursor over the desired .zip file (see table above) and press and hold the right mouse button.
6. Select the **Save target as...** program item in the context menu.
7. In the **Save As** dialog box, enter the path where the file is to be saved (e.g.: D:\STOLL\M1\bootfiles).



8. Select the **All Files** setting in the **File type** field.
9. Click the **Save** button.
10. Save all required .zip files in the same manner.

### Decompress the HD ANALYST program and save it to a data medium

You will require an appropriate decompression program for decompression. The **PowerArchiver** program is installed on M1 pattern workstations.

If you are using a PC on which no decompression programs are installed, you can download the program at [www.winzip.com](http://www.winzip.com) or [www.powerarchiver.com](http://www.powerarchiver.com).

Decompressing a file:

11. Right-click the file ... **.zip** (e.g. **disk1\_w95.zip**) and select the **Extract here** menu.
12. Decompression is carried out.
13. Copy the decompressed files to a floppy disk.
14. Remove the floppy disk from the floppy drive and number it (e.g. HD ANALYST disk2, disk2 etc.. An even better idea is to write the software version of the HD ANALYST program as well, e.g. HD-ANALYST \_30.03.002.004 disk1).
15. Carry out Steps 1 through 4 for all .zip files of the HD ANALYST program.

## Running the HD ANALYST program

If problems occur during checking which cannot be solved by the program, a message appears in the display. Some descriptions of problems and their remedies are found at the end of this manual.

16. Switch off machine at main switch.
17. Insert floppy disk 1 of the **HD ANALYST** program in the floppy disk drive of the knitting machine.
18. Switch on the machine.

When the program starts, the following message appears:



19. The program automatically starts checking the programs on the hard disk.



20. Touch the **Next** button.

(The **Show Details** button shows the programs to be checked. Changes to this list may only be made by trained personnel. Continue with the **Next** button.)

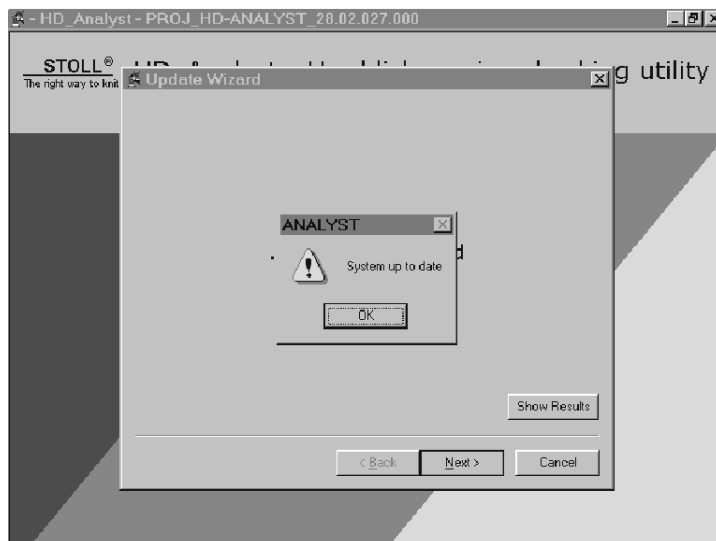
21. When checking is complete, the following message appears:



22. Continue with the **Next** button.

(The **Show Details** button shows the software version of the programs. Continue with the **Next** button.)

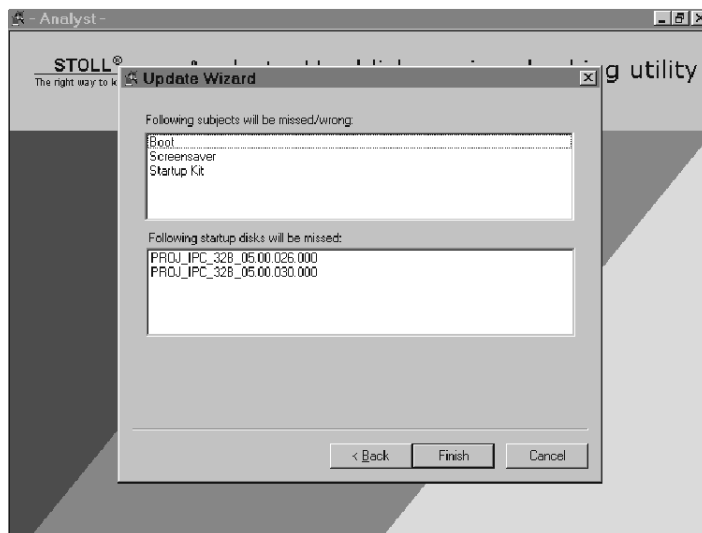
23. If all programs are up to date, the message **System up to date** appears



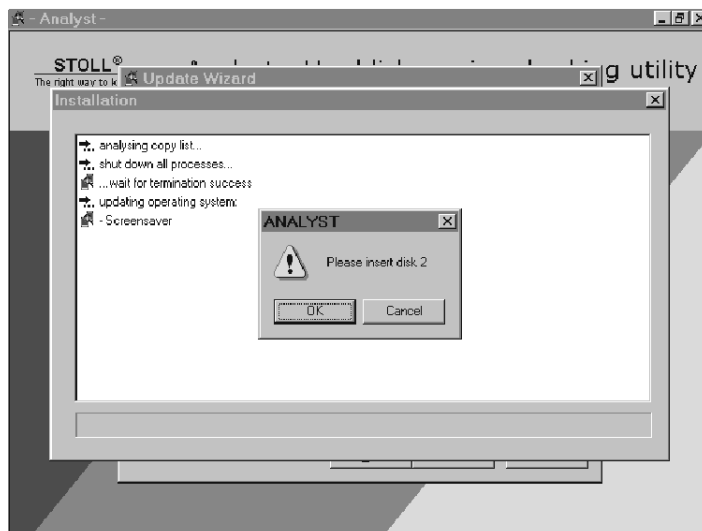
24. End the check by touching the **OK** button. Exit the program with the **Next** button.

If an update is necessary

1. If one or more programs are not up to date, you are notified of this (Step 4).



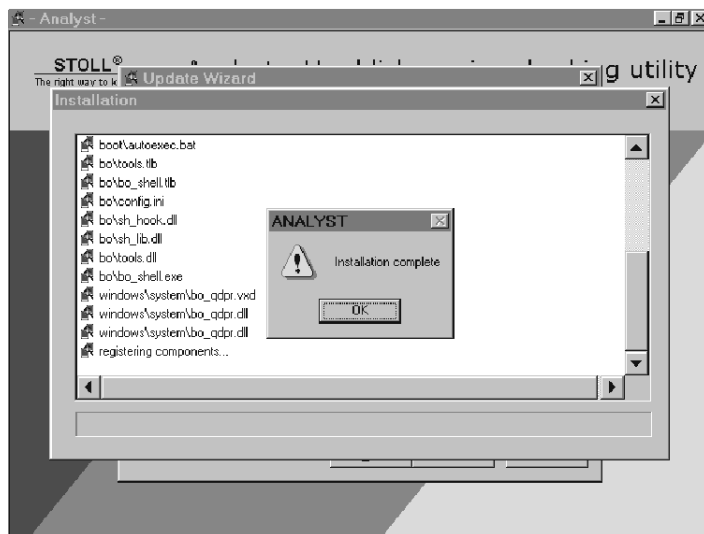
2. To update these programs automatically, touch the **Finish** button.
3. With the Windows 95 operating system:  
If the current programs are found on the second (or third) floppy disk (Disk2, Disk3), you are instructed to swap the floppy disks.



4. Remove Disk1 from the floppy drive and insert the indicated floppy disk. Press the **OK** button.



5. When the installation is complete, the following message appears:



6. Press the OK button.
7. If a restart is required, the following message appears:



8. Remove floppy disk. A restart is executed automatically after a short time-out.
9. The update is complete. The user interface restarts with the **TC-Startup** program.

Windows 95 operating system: Possible problems which cannot be solved by the program:

- If it is detected during the check that no network or winsock program is installed, you will be instructed to install the **MCNet2** program. This program and a description of it are found on the Internet at [http://ftp.stoll.com/customer\\_downloads/cms\\_network/MCNET2/](http://ftp.stoll.com/customer_downloads/cms_network/MCNET2/).
- If a faulty touchscreen driver is installed, it is displayed, and the correct version is installed. You are guided through the program during installation. If you require a description for this purpose, it is available on the Internet at [http://ftp.stoll.com/customer\\_downloads/cms\\_bootfiles/st168/Tools/](http://ftp.stoll.com/customer_downloads/cms_bootfiles/st168/Tools/) in the section **Touchdrive-Repair-Software** under the name **Touchdrive-repair-DE-GB.pdf**.
- If the error message **Cannot launch application** appears, this refers to a hard disk (e.g. FC.00.011.00) which has a software and hardware version that cannot be repaired. This hard disk must be replaced.