

This document explains how to install Bellows design software from J Tolonen Services (JTS).

There are several programs from JTS, which are used for the design of bellows/compensators. To save in installation file sizes and also to prevent overwriting of valuable information installations do not contain all the information required to run the programs¹. The common set of data files is one of these. These are not included with most of the installation files. Files are included with Bellows Master II and sometimes with Bellows Master EN or MatTool. Therefore for you to be able to use other programs one of the programs have to be installed first. Note that Bellows Master doesn't need to be registered if other programs are used.

When you buy Bellows Master II or EN you get a licence. Other programs are sold with site licences. This means that you may have BM only on one computer but other programs on several computers. To be able to use all programs the installation system as described below is recommended where no network is used. In case of a network installation e.g. common data files please ask developers for further information.

General

All main programs have standard Windows installation, which you have to run. Generally selecting default installation is best/easiest. Some smaller programs may require only copying the EXE file into a suitable place and making standard short cut.

You most probably downloaded the installation files. For security reasons they are normally ZIP files. Before you can run the installation program you need to unzip the file.

Bellows Master II

Install Bellows Master on a computer you intend to use it. Register it as described in the help file and Frequently Asked Questions (FAQ - available from our site). The installation includes always all required files.

After installation you need to tell the computer where the data files are. This is explained in help file also, see "Select Database" topic.

¹ Latest versions of the programs do not use BDE (Borland Database Engine) anymore. They use built in database engine.

Bellows Master II has 3 separate data bases. These are:

Company.adb

This database contains your company name/s and logo/s. File is located in the same directory as the program EXE. File is automatically installed and the program knows where it is so you do not need to set it at all. You should include the file into your back up.

EJMA Calculations.adb

This database contains all your calculations and tooling that you have saved. Default installation installs the file into Data2 directory below your program directory. You can move the file to an other location after the installation but you need to tell the program where the file is. You can even change the file name. Typical reason for you to set up different location is for instance that you have more than one user and you wish to use one common database for all users. An other case is that in the office you use one common database and while travelling you have a separate file on your laptop's hard drive. With improved internet connections you may even connect to your office. In each case the program needs to know where the file is. Setting is done via Program menu "Setup - Set Calculation Database". You simply navigate to the file you wish to use and select it.

See also Copy Calculation Result and Transfer Information in the help file.

EJMA Materials.adb

This database contains all of the material you have. File is handled in an identical manner as "EJMA Calculations.adb" except the menu to use is "Setup - Set Material Database"

Database locations are saved into the registry. If the registry would get corrupted or you have reinstalled Windows you need to reset the file locations.

Program has very minimal checking that you have actually selected correct database. After setting the database if you get strange errors, you do not see expected results or materials you may have totally wrong or outdated file in use. If you keep changing the database establish some form of revision control so that you know what is the file you should use. Current version of the program doesn't have a facility to transfer data between different databases e.g. your

travelling and office data bases.

Bellows Master EN

Bellows Master EN has two types of installations. One with all files and one without BDE and data files. If you received the full installation you can install the program on any computer. If you received installation, which has only the program files you have to install also Bellows Master II on the same computer. Note that BM II doesn't need to be licenced for the computer where BM EN is licenced. Therefore you can "split" the programs onto different computers. We do not recommend this because of added workload with material entries, backing up and similar.

MatTool

MatTool installation has only the program files and material data files. The best computer to install the program is the one where Bellows Master is installed. If you have more than one BM installation select one of them. MatTool is used to enter the material values. A possible reason to install MatTool on an other computer is security. If you do not wish the BM user to have access to MatTool then install the program onto an other computer. Second reason to install MatTool would be to get material tables for other programs to use and more importantly to be able to set up the material database location for other programs, see BM II above.

After installing MatTool enter your materials. If the program is on the same computer as your BM and you have only one licence and you have no other computer using the material data base then you do not need to do anything further. However if you have more than one BM installation or you have installed FlangeTool, GimbalMaster or other program that requires the data base on a separate computer/s then you have to transfer the material data file. If you do not transfer the data file or use network installation option then you have to enter the material values on every computer. Data transfer is done as follows:

- Close all programs on both computer
- Make back up on both computer
- Delete the material database EJMA Materials.adb on target computer²

- After deletion copy the same file from source computer to target.

²EJMA Materials.adb is default name for the file. You can change it if you like.

Every time you add a material you should distribute the data file to other computers that require them.

AxMov and HinMov

These programs do not require any additional files. Therefore you can install them on any computer within licencing rules.

FlangeTool, PinMaster, GimbalMaster, Rodmaster and Bracketmaster

All these programs require the data file. Installation doesn't include them. For this reason you need to install BM or MatTool on the computer you wish to use the programs. One of these programs needs to be licensed for you to be able to set the database. See BM II above for details how to set the database. MatTool has site license and therefore you can install it multiple times with the programs.

Company Logo on reports

Bellows Master prints company logo on the reports based on your selection during data entry. Company name and logos are stored in Company.* files located in the installation directory. After entering the company information you need to distribute the files to other computers where you may have Bellows Master. You do not need the files on the computers where Bellows Master is not registered.

Smaller programs print also company logo but this is a single BMP file located in the installation directory. To change the logo you just replace this file. File name is PrintLogo.BMP. If you need to change the logo often the easiest is to copy all required files into the directory with different names e.g. PrintLogo_A.BMP, PrintLogo_B.BMP etc. Before printing rename the file you require as PrintLogo.BMP.