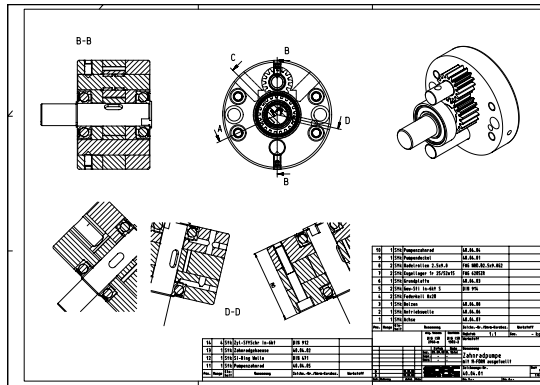


Version 2002

HP-UX™, IRIX™, Solaris™, AIX™, and Windows NT/2000™

M-FORM was developed for secure and easy filling out of drawing fields. How often must drawings be checked to make sure important information isn't missing?

This is exactly where M-FORM can help. M-FORM manages all available drawing layouts and prompts the user through a series of questions. The result is always a correct title block completely in accordance with your company norm.

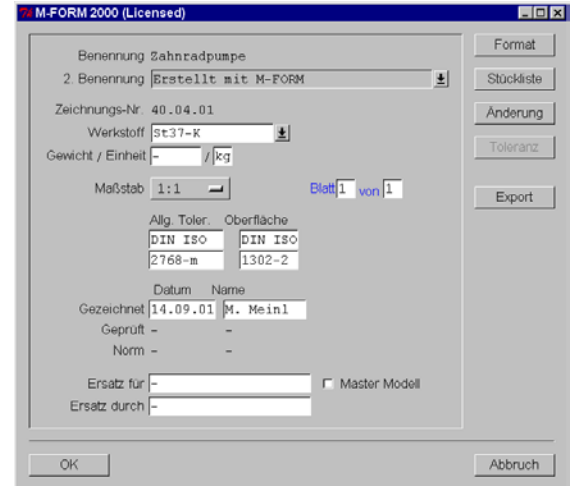


M-FORM can be customised individually to suit almost any company standard. For this purpose existing title blocks are divided into individual components and stored as symbols. After this is done all variables are then defined. These can be parameters of the operating system such as date, user name etc. or your own custom values. Mandatory fields can also be defined. These always demand a correct value from the user.

M-FORM stores symbol placement data in a single text file. This is used to manage all possible drawing layouts.

Start menu of M-FORM

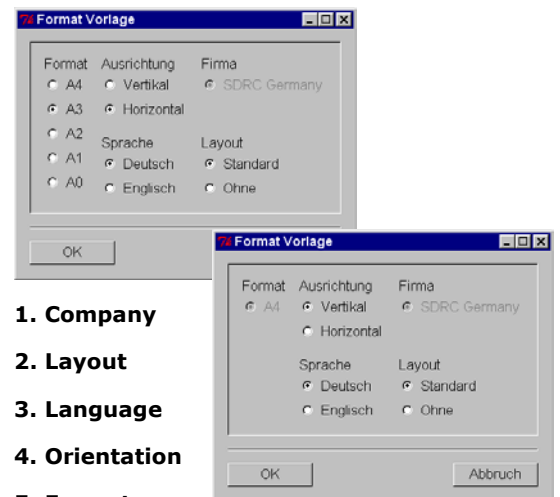
If M-FORM is called directly from Master Drafting™, the main information of the drawing layout is displayed.



The layout and fields can be customised individually. The information presented in the window also varies to suit the chosen drawing form. This prevents the user from being swamped with unnecessary information.

Management of the layouts in five levels

This is a main feature of M-FORM. Data input is always presented in exactly five levels:



1. Company

2. Layout

3. Language

4. Orientation

5. Format

Every level can have several entries. If you produce drawings for different companies and drawing standards then with one click all default values and masks are modified to suit. Also updating of a layout is possible without problems.

Please turn over...

The information in all fields is always stored in the drawing. The user cannot delete the M-FORM database by mistake. Single mechanisms check inputs and guarantee that the information is saved (M-BASE is needed for this).

BOM lists

Information can be extracted directly from Master Assembly™ by I-deas™ and imported into M-FORM. At this time this step is carried out manually.

Pos. Me.	Ein.	Benennung	Zeichn.-Nr.	Werkstoff
1	1	Stk Achse	40.04.07	
2	1	Stk Antriebswelle	40.04.06	
3	1	Stk Bolzen	40.04.08	
4	2	Stk Federkeil 8x20		
5	2	Stk Gew-Sti In-6kt 3	DIN 914	
6	1	Stk Grundplatte	40.04.03	
7	2	Stk Kugellager 1r 25/52x15	FAG 6205ZR	
8	2	Stk Nadelrolle 2.5x9.8	FAG NRO.B2.5x9.8G2	
9	1	Stk Pumpendeckel	40.04.01	
10	1	Stk Pumpenzahnrad	40.04.04	

The fields can also be filled out and/or modified manually. The numbering of the positions can occur with digits or alphabetic characters.

A special feature of the bom list is the individual row break. The user can decide at which place of the bom list a row break is to occur. The title block determines the placement of subsequent positions. Additional symbols for balancing the bom symbols can be inserted automatically. You make the bom list suit the model and not force the model to suit the bom list.

Import/Export

M-FORM is able to communicate with other systems. If a PPS or PDM system is available the information can be imported into M-FORM. Export is possible as well. M-FORM creates an export file, which can be read from another application. M-FORM can also be executed without the GUI in the background.

Restrictions

M-FORM communicates directly with Master Drafting™. If M-FORM is used with I-deas™ 8, the **8m4 patch** must be installed. All other versions of I-deas™ can be used unpatched.

Adaptation

So that M-FORM can be used to maximum benefit it must be adapted to your company environment. Good Master Drafting™ and macro knowledge are required to achieve this. Please ask your reseller or us and we will give you a contact for the implementation.

Licences

The type of licence required depends on the number of users that want to use M-FORM, a "named user" license system is employed. If no licence is available, the information of the title block is not stored in the drawing. Prices are staggered according to the number of M-FORM licences. With five licenses a discount of 10% is granted. You can check prices directly on our home page.

Operating system requirements

M-FORM as with all other M-QUEST products can be used on the following operating systems:

Windows™ NT4/2000, HP-UX™ 10.20 and 11.0, IRIX™ 6.5.x, Solaris™ 8, AIX™ 4.3.x

Special notes

We reserve the right to adapt the scope of delivery of M-FORM and also licensing to the current market needs at any time.

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