User products in MTpro

MTpro now offers the option to integrate your own products (user products) in MTpro. This allows you to take advantage of the complete functionality of MTpro, including the creation of parts lists and CAD models, as well as planning in LayoutDesigner with in-house components. The user products option is available with a valid LayoutDesigner license.

How to add your products to MTpro

Select the following commands to add your products to MTpro:

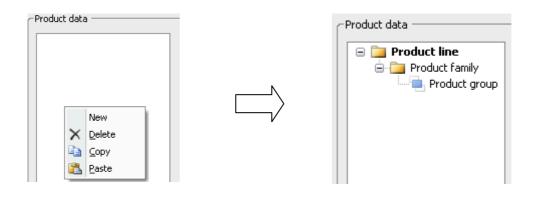
1. Under *Extras -> Options/Directories*, select "User products" and define a folder in which you would like to store your products:

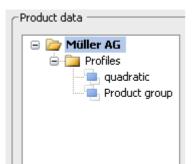
View		Directories							
CAD output	Individual user data	C:\Documents and Settings\lih2fe\Application Data\MTpro							
Directories	Common user data	C:\Documents and Settings\All Users\Application Data\MTpro							
Miscellaneous	CAD exchange files	C:\Documents and Settings\All Users\Application Data\MTpro							
Price options	3D model data	C:\CADDB\BoschStv-CC							
	Electronic catalog	c:\Projekte\MTpro\MTpro\Debug\vc71\eCat							
	Assembly instructions	c:\Projekte\MTpro\MTpro\Debug\vc71\AssInst							
	LayoutDesigner	c:\Projekte\MTpro\MTpro\Debug\vc71\BRL							
	User products	C:\Documents and Settings\All Users\Documents\CustomMtproDB3							
	User products								

	Product data list	
User product data		×
Product data		
Product hierarchy		/ Preview
	Price Base price: Surcharge 1: Surcharge 2: Surcharge 3: Discount group:	
	Model data Model type: Simple: Detailed: Fixed Model file Midth Height From 0 To: 0 From 0 To: 0 If	Generate Model data
Product data folder:	Generated model:	Cancel
	File location Price parameters	

2. Go to *Extras -> User products* and select the dialog to add user products.

Right-click on the product hierarchy field and select "New" to create a new entry. A new product hierarchy, with a product line, product family and product group, will be created automatically.





The designations in the product hierarchy can be changed by clicking on the text and overwriting the entries.

You can copy and move the product hierarchy entries via drag & drop and the context menu. Existing entries can be deleted via the "Delete" command in the context menu or the delete key.

3. To add new products to the product group in the product data list, right-click inside the dialog and select "New".

Product data list dialog

Article no.	Designation	Parameter	Packing unit		Stat. artic
789456123	TESTPART	COLOR=BLUE	1	2,500 kg	1234
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		New			
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Enter the desired article number, designation, fixed parameters, packing unit, weight and unit of weight (e.g. kg, g/mm, kg/m², kg/m³), and the customs tariff number for your product. You can copy and move the product data via drag & drop and the context menu. Existing entries can be deleted via the "Delete" command in the context menu or the delete key.

If you copy an article to create a similar entry, make sure to modify the part number afterwards. Otherwise, it will be treated as identical and any changes you make will be applied to all other articles with the same number.

Pricing dialog

A basic price and discount group must be entered for each product. The discount groups D1, D2, and D3 can be defined by going to Extras -> Options/Price options (only visible after entering the price password).

The surcharge and price formula fields are only available for the *Profile* and *Box* model types (see below: model data). The different surcharges are integrated in price calculations using the price formula, depending on the model type.

Base price:	Surcharge 1:	Surcharge 2:	Surcharge 3:	Discount group						
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Price formula:										
GP+INT((L+99)/100)*MP1+INT((B+99)/100)*MP2+INT((H+99)/100)*MF <										
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Model data dialog

Different model types can be selected under "Model type".

- Model data			
Model type:	Simple:	Detailed:	
Profile Model file		Ger	nerate
From 10 To: 500	From 10 To: 500	From 10 To: 500	lor 🔻
Generated model:			

The following model types are available:

• Accessories

A CAD model is not included for this model type; additional settings are not required.

Fixed

You can load any model file of your product for the fixed model. The file format should be either SAT (*.sat) or STEP (*.stp) and you can define a model file with either a low or high level of detail. If the color was not defined in the CAD model, "Color" can be used to adjust the appearance of the model.

• Profile

After loading a model file, the minimum and maximum length of the profile must be defined. The STEP or SAT model always needs to be generated with the maximum profile length. If the color was not defined in the CAD model, "Color" can be used to adjust the appearance of the profile.

• Box

The box model creates a cube with a customized length, width, and height. The permissible minimum and maximum values must be defined. If only a specific length, width and/or height is permitted, the minimum and maximum values must be identical for the respective parameter. This model type can be used, for example, to create table tops or panes.

Generate generates the desired model and adds it to MTpro.

The text field *Generated model* specifies the name of the generated model and the folder in which it was stored.

4. After exiting the user product dialog via *OK*, the added products can be found in the MTpro product hierarchy (see yellow highlighting).

🏷 MTpro - Bosch Rexroth - Order list1									_ 8 X
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Product hierarchy 👻 🖣 🗙	🔲 Order list1 🛛 🗙								
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Newly added products can be used just like existing products in MTpro. You can add, move, or even delete additional products at any time by going to *Extras -> User products*.

Info: All products are saved in a tab-separated file that can be edited in Excel, e.g. in order to implement comprehensive changes. The "Products.cdb" file is stored in the folder that is specified in step 1.

(Extras -> Options/Directories under "User products").