FACTON EPC 8 SC FP1 - Release Notes

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▶ Contents

1. General notes

N/A

2. Installation and compatibility

N/A

3. System requirements

See Technical FACT Sheet.

4. Additional features

4.1. User interface

- User interface redesigned in line with Microsoft Office 2016 style
- New icons introduced to match new interface style
- Optimized structuring of the ribbon menu for quick access to features

4.2. Cost models

- Cost models for injection molding
  - Calculation of cycle times using component and material parameters
  - Determination of possible cavities/process output

- Cost model for die casting
  - Calculation of cycle times using component and material parameters
  - Determination of possible cavities/process output
  - Differentiation between hot and cold chamber processes

- Cost model for printed circuit board assembly (PCBA)
  - Calculation of throughput times for PCBA
  - Ability to take double-sided PCBA into account
  - Differentiation between C&P and P&P assembly technologies

- Cost model for machining
  - Flexible and clear calculation logic for determining cycle times
  - Ability to take secondary processing times into account
  - High level of detail thanks to ability to create single work steps
  - Supports virtually all common manufacturing processes for rotating (e.g. drilling, turning, milling) and non-rotating (e.g. reaming, shaping, planing) machining

4.3. Master data

- New classification structure for manufacturing processes for machines
  - Machine types were removed from the list of manufacturing processes, i.e. machine type and manufacturing process are now separate properties for a machine
  - Manufacturing processes oriented towards DIN 8580, making navigation across machines clear and self-explanatory
  - Machines can be assigned multiple manufacturing processes, making it even easier to find them in the search feature

- Introduction of machine types
  - Machine types combine machines with the same technology
  - Machine types deliver the relevant technical performance parameters for the technology, whereby the performance parameters per machine can be distinctly pronounced

- o Technical performance parameters are used in cost models
- o Machine types can be used as search parameters in the search for machines

- Material
  - o Structure for plastics expanded
  - o Structure expanded to include electronic components

- Machines
  - o Assignment of multiple manufacturing processes
  - o Assignment of a machine type to describe the technology so that the machine with additional performance parameters can be described in line with the technology and cost models can use this information

4.4. Calculation

- Shares of fixed and variable maintenance costs on purchase value of the machine can be overwritten in the calculation
- The standard view scheme in the structure view shows expanded cost information for manufacturing
- Multi-selection - Versioning

4.5. Calculation export

- The results of a search by version and target cost calculation can be exported to Excel at the touch of a button and can be imported as a purchased part into the master data via the Excel master data import in V6.x/8.x CM

5. Limitations

N/A

6. Deleted features

- The machine classification introduced with Release EPC 8 SC has been replaced with a new classification. Machines that still use the old classification can be found in the master data using a separate query "Machines according to old classification".

7. Bugs

7.1. Fixed

ID	Description
N/A	The cost model transfer pressing does not calculate correctly

7.2. Known

ID	Description
TFS: 31476	If the relevant quantity of an assembly or part does not equal "1", some cost types (e.g. direct material costs, material overhead costs) at the assembly or part are not shown multiplied by this relevant quantity. The value multiplied by the relevant quantity is only first shown on the superordinate assembly or the target cost calculation.