

BOMtoExcel

Application Overview / Market Segment Introduction:

BOMtoExcel is an embedded tool inside Creo (Pro/ENGINEER) for converting BOM content into Microsoft Excel file. This converts the meta-data in an assembly into .xls file. Occasionally data is needed in Microsoft Excel from PTC Creo (Pro/ENGINEER), especially when it comes to BOM table contents. Data from any of these data sources can be sent directly to Excel with/without writing any external CSV files and running any office applications. Often, we require BOM generated from PTC Creo Parametric in .xls format to share it across different departments in a manufacturing industry or to upload in ERP/MRP systems.



Level	Part No	Revision	ECO	Description	Quantity	Total Quantity	Material	Mass
1	5000-71-02-200	0	-PVNull-	STRINGER	1	1	-	1419.81
2	5000-71-02-01	0	-PVNull-	STRINGER TAIL E	1	1	-PVNull-	323.48
3	5000-71-02-01-001	0	-PVNull-	STRINGER TAIL S	1	1	E250 GRADE ↑BR	142.63
4	5000-71-02-01-002	0	-PVNull-	STRINGER TAIL S	1	1	E250 GRADE ↑BR	142.63
5	5000-71-02-01-003	0	-PVNull-	ISA 50X50X6	5	5	E250 GRADE ↑BR	4.28
6	5000-71-02-01-004	0	-PVNull-	TACKUP FORMEL	1	1	E250 GRADE ↑BR	7.95
7	5000-71-02-01-005	0	-PVNull-	TACKUP FORMEL	1	1	E250 GRADE ↑BR	7.95
8	5000-71-02-01-006	0	-PVNull-	PLATE	2	2	E250 GRADE ↑BR	0.46
9	5000-71-02-03	0	-PVNull-	STRINGER-MIDL	2	2	-PVNull-	307.16
10	5000-71-02-03-001	0	-PVNull-	STRINGER MIDL	1	2	E250 GRADE ↑BR	142.88
11	5000-71-02-03-002	0	-PVNull-	STRINGFR MIDL	1	2	E250 GRADE ↑BR	142.88

Current Scenario (Without Application):

User need to Manually:

- Actual practices in all companies they will get the BOM in drawing and they will create as a report in Excel by Manually.

Negative consequences:

- More time consuming to create the report (Maximum~1day).
- Human error due to manual entry

Positive Business Outcome:

- **ROI** – quick Return on Investment (ROI) considering the significant time savings and reduced ECN's
 - **Speed** – One click solution to propagate necessary details from Engineering to other departments.
 - **Enhanced User Productivity** - Eliminate Designer/Creo User's non-productive (manual entries) activities, saving up to 90% time.
- **Standardization** – Standardization of Process as per company standards.
- **Simplify ERP/PLM tasks** – BOM no longer has to be manually transferred from CAD to XLS.
- **Quality output:**
 - **Error Free** – Eliminates errors that can be otherwise caused by multiple interfaces including typos, read errors, comparison errors, etc.

How it adds value:

- Works with PTC Creo (Pro/ ENGINEER) Base (Foundation) Licenses
- One-click solution that automatically determines and documents BOM content from Creo (Pro/ENGINEER) assembly model
- Works in conjunction with PTC Windchill/ PDMLink or Intralink
- Recognizes level of parts in multi-level assembly models
- Assigns assembly level in the respective column of the excel file
- Customized spreadsheet (Excel) output as per requirement or company standard along with required parameter / attribute information

List of satisfied users:

- Indo-MIM
- Zamil
- Terex
- Dietech India Pvt Ltd.

For more info contact CADOpt Technologies Private Limited at: info@CADOpt.com or visit our website at www.CADOpt.com