Export Part list from FlexCAD AutoCAD

Last Modified on 06/11/2019 8:52 am CET

Exporting the part list (or Bill of material) from FlexCAD AutoCAD is supported in two formats, .xls (Excel) and .cvs (Comma Separated Value). The .cvs files are designed to work with Online Store (FlexLink's web shop) and FlexLink Quotation Tool (FLQT), whereas the .xls format is a service to those who wish to use Excel for calculating their quotes.

The export function do not work unless the drawing is saved, the files derived from the function are saved with the same name and in the same folder as the drawing.

The part list is started by clicking on the *Part list* icon, see picture below.



First choose which parts should be in the part list, default value shown in the command line is ALL, which selects all parts in the drawing and the following window opens. The two export buttons are found at the right hand side of this window.

Item	Qty	Part Number	Description	Length	No 🔶	
1	2	XBTP 5A85	Plain chain	(7600)	Fle	
2	1	XBCR 25	Slide rail	(15200)	Fle	Insert Parts list
3	24	XLAH 4X7	Rivet for slide rail. 4x0,5x7		Fle	lise
4	12	XLRF 42X18 V	Guide rail bracket support		Fle	
5	24	XLRZ 18	End plug		Fle	Export to
6	12	XLRR LX 18 C	Guide rail support tube		Fle 😑	Excel file
6	12	XLRR LX 18 C	Guide rail support tube		Fle	L
7	24	XLRK 18X80 C	Guide rail clamp 1		Fle	
8	2	XLRS LX15	Guide rail	3800	Fle	Export to
9	12	XLAT 35	T-bolt m8 l=35 mm		Fle	.csv file
10	60	BRB 8,4X16	Washer		Fle	L
11	3	XCFF 88X260	Foot		Fle	
12	3	XCBL LX88	SUPPORT BEAM LIGHT	560	Fle	Calculate
13	3	XCBE 88	End cap 88mm x 88mm		Fle	e-services
14	6	XMCS 88 B	Beam support bracket		Fle	Optimize
15	12	XLAT 17	T-bolt m8 l=17 mm		Fle	beams
16	12	XLAN 8	Locking nut m8 for t-bolt		Fle	Calculate
17	12	XLAQ 8	Square nut m8		Fle 👻	for
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_	_	Manual selection		······		
	/alue	All Items	Itemtype	Exit		

Clicking any of the export buttons will result in a new file and it is notified in the program as below:

Item	Qty	Part Number	Description	Length	No 📤	
1	2	XBTP 5A85	Plain chain	(7600)	Fle	
2	1	XBCR 25	Slide rail	(15200)	Fle	Insert Part list
3	24	XLAH 4X7	Rivet for slide rail. 4x0,5x7		Fle	
4	12	XLRF 42X18 V	Guide rail bracket support		Fle	
5	24	XLRZ 18	End plug		Fle	Export to
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10 11 12 13 14 15	12 12	\\se-fs001\u list.xls	users\SETHN0\Documents\Knowledg	ge base\Part list	ОК	csv file alculate for services Optimiz beams Calculate for
10 11 12 13 14 15 16 17 ◀	12	XLAN 8 XLAQ 8	users\SETHN0\Documents\Knowledg Locking nut m8 for t-bolt Square nut m8	ge base\Part list	OK Fle Fle T	csv file alculate for services Optimiz beams Calculate
10 11 12 13 14 15 16 17 ◀	14	XLAN 8 XLAO 8	users\SETHN0\Documents\Knowledg	ge base\Part list	OK Fle Fle T	csv file alculate for services Optimiz beams Calculate for
10 11 12 13 14 15 16 17 ◀	12 renumberi	XLAN 8 XLAQ 8	users\SETHN0\Documents\Knowledg	ge base\Part list	OK Fle Fle T	csv file alculate for services Optimiz beams Calculate for

Clicking OK just closes the information window, the Part list window will remain open.

What is in the export file?

The content in the export file can to some extent be manipulated in the Part list function before being exported. This manipulation is done by clicking the *Calculate for e-services* button, see picture below. Clicking this button recalculates the chain and slide rails to the correct ordering quantity. To explain further, if there are more than one conveyor in the drawing, before clicking *Calculate for e-services* the quantity of chain and guide rail will show the sum of the chain calculations made with the correct chain and slide rail lengths shown within brackets. After clicking *Calculate for e-services* the quantity is correct and the lengths within brackets are gone. Also all guide rails are recalculated to 3 meter lengths, since guide rails cannot be ordered in cut-lengths.

Item	Qty	Part Number	Description	Length	No 🔶	
1	4	XBTP 5A85	Plain chain	(13760)	Fle	
3	32	XLAH 4X7	Rivet for slide rail. 4x0,5x7		Fle	Insert Parts list
4	22	XLRF 42X 18 V	Guide rail bracket support		Fle	inst
5	44	XLRZ 18	End plug		Fle	
6	10	XLRR LX 18 C	Guide rail support tube		Fle ≡	Export to
6	10	XLRR LX 18 C	Guide rail support tube		Fle	Excel file
6	12	XLRR LX 18 C	Guide rail support tube		Fle	
6	12	XLRR LX 18 C	Guide rail support tube		Fle	
7	44	XLRK 18X80 C	Guide rail clamp 1		Fle	Export to
8	2	XLRS LX 15	Guide rail	3800	Fle	.csv file
9	22	XLAT 35	T-bolt m8 l=35 mm		Fle	
10	102	BRB 8,4X16	Washer		Fle	
11	5	XCFF 88X260	Foot		Fle	Calculate
12	5	XCBL LX88	SUPPORT BEAM LIGHT	560	Fle	for e-services
13	5	XCBE 88	End cap 88mm x 88mm		Fle	- Optimize
14	10	XMCS 88 B	Beam support bracket		Fle	beams
15	20	XLAT 17	T-bolt m8 l=17 mm		Fle	Calculate
16	20	XLAN 8	Locking nut m8 for t-bolt		Fle 👻	for
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If it desired that also conveyor beams and support beams should be recalculated to 3 meter lengths, the check box **Optimize beams** should be checked, as in the picture below. If checked, all beams are recalculated to 3 meter lengths and a new text file called "*drawing name* BeamCut.txt" is created and placed next to the drawing in the folder structure. In this file it is explained how the 3 meter beams should be cut to produce the beams in the drawing.

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Item	Qty	Part Number	Description	Length	No ^		
1	4	XBTP 5A85	Plain chain	(13760)	Fle	Insert Parts	
3	32	XLAH 4X7	Rivet for slide rail. 4x0,5x7		Fle	list	
4	22	XLRF 42X 18 V	Guide rail bracket support		Fle		
5	44	XLRZ 18	End plug		Fle		
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9	22	XLAT 35	T-bolt m8 l=35 mm		Fle		
10	102	BRB 8,4X16	Washer		Fle		
11	5	XCFF 88X260	Foot		Fle	Calculate	
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13	5	XCBE 88	End cap 88mm x 88mm		Fle	Ontining	
14	10	XMCS 88 B	Beam support bracket		Fle	beams	
15	20	XLAT 17	T-bolt m8 l=17 mm		Fle	Calculate	
16	20	XLAN 8	Locking nut m8 for t-bolt		Fle 🔻	for	
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