

1.1 Overview

The List module is an absolutely essential cadwork module. It enables to assign/calculate element type specific position numbers in cadwork 3d and to generate/export various lists from there.

All the available data in the 3D model (Rough and real geometry values, processes, all individual attributes,...) can be exported to the list module, where it can be formatted and sorted to meet user/project specific list requirements. From the list module finished lists can be printed and/or exported to various file types allowing it to be linked as example your ERP software for further processing.

The List module has following functions and formatting options:

- List content and order according individual columns
- Edit column titles
- Sort list data
- Show summary rows according to sorting criteria
- Summarize data according to position numbers or sorting criteria
- Split list in single elements
- Definition of visible element types
- Formula columns (user defined combination of multiple values incl. mathematical functions)
- Definition of column width or row height respectively (incl. optimal width/height)
- Text format (Font, size, color, background color and orientation/alignment)
- Table format (Border type and thickness, border color)
- Display of Values (Units, 1000th separator and number of decimals)
- Header settings (Project data, user defined cells, logo, header & footer rows)
- Text module
- Page layout and print
- Insert or delete data
- Save and load format pattern settings
- Stick/Beam optimization
- Export list as *.csv, *.txt or *.xlsx file type

	No. Prod	Name	Material	W	H	Quantity	L	Appearance	Shape	Total Length
				[mm]	[mm]		[mm]			[m]
W/H:83x525										
1	21	TR.2	BEAM 13	83	525	1	13,977	A	Straight	13.98
2	20	TR.2	BEAM 13	83	525	1	13,050	A	Straight	13.05
2										27.03
W/H:63x330										
3	1	TR.1	BEAM 13	63	330	5	5,978	A	Straight	29.89
4	2	TR.1	BEAM 13	63	330	8	5,978	A	Straight	47.82
5	3	TR.1	BEAM 13	63	330	4	5,978	A	Straight	23.91
6	4	TR.1	BEAM 13	63	330	1	5,978	A	Straight	5.98
18										107.60
W/H:130x295										
7	44	VW	BEAM 13	130	295	3	4,028	A	Straight	12.09
8	45	VW	BEAM 13	130	295	3	4,028	A	Straight	12.09
9	46	VW	BEAM 13	130	295	1	4,028	A	Straight	4.03
7										28.20
W/H:130x200										
10	43	PA	BEAM 13	130	200	18	280	A	Straight	5.04
18										5.04
W/H:130x195										
11	42	DW	BEAM 13	130	195	18	5,327	A	Straight	95.89
12	40	VW	BEAM 13	130	195	2	4,862	A	Straight	9.72
13	41	VW	BEAM 13	130	195	6	4,862	A	Straight	29.17
14	39	DW	BEAM 13	130	195	18	4,134	A	Straight	74.41
15	38	DW	BEAM 13	130	195	16	3,509	A	Straight	56.15
16	36	VW	BEAM 13	130	195	16	2,901	A	Straight	46.42