EXPORT SETUP

Modified on: Sun, 8 Aug, 2021 at 7:00 PM



Export Setup – settings where you can define CNC file locations, project information parameters, identification and marking of elements, CNC command naming, etc.

Configuration

Configuration : Default Configuration	Save Duplicate Rename Delete
Common Settings	Common Settings Location for export of CNC files
Export Settings	Custom location Custom location Browse C:\Users\Renata\AppData\Roaming\To Browse
	Project Information Parameters Project Name: Project Name Object Number: Project Number V
	Element Identification and Mark Default Configuration Configure Automatically skip not marked Elements Automatically skip filtered out Elements Marking Orientation by:
	Assembly Station Mode Export as one file Clear Spacing 0 mm

Configuration – configuration with export settings. You can use sample or create new configurations. Also, you can rename or delete the existing configurations.

By default, **CNC Exporter** configurations are saved in C:\Users\user name\AppData\Roaming\Tools 4 Revit\BTLWood (or other version)\Export Configuration catalog. The content from this catalog can be copied to other users' computers if needed. The path can be changed in **CNC Exporter – Weinmann BTL and BTLx Exporter** \rightarrow **Configuration Files'** Location.

•	Personal Configurations	-
	C:\Users\Renata\AppData\Roaming\loois 4 Revit\BiLwood\Export Configuration	Browse
D	Shared Company Configurations	
		Browse
0	Shared Company Project I	
		Browse
Э	Shared Company Project II	
		Browse
0	Shared Company Project III	
		Browse
0	Shared Company Project IV	
		Browse
0	Shared Company Project V	
		Browse
0	Shared Company Project VI	
		Browse

Location for export of CNC files

Configuration : Default Configuration	Save Duplicate Rename Delete
Common Settings	Common Settings Location for export of CNC files Project file location
Export Settings	Custom location Custom location Browse C:\Users\Renata\AppData\Roaming\To Browse
	Project Information Parameters Project Name: Project Name Object Number: Project Number
	Element Identification and Mark Default Configuration
	Assembly Station Mode Export as one file Clear Spacing 0 mm

Location for export of CNC files – select where to export CNC files. It can be project file location or any other custom location.

Project Information Parameters

Configuration : Default Configuration	Save Duplicate Rename Delete
Common Settings	Common Settings Location for export of CNC files Project file location
Export Settings	Custom location Custom location Browse C:\Users\Renata\AppData\Roaming\To Browse
	Project Information Parameters Project Name: Project Name Object Number: Project Number
	Element Identification and Mark Default Configuration Configure Automatically skip not marked Elements Automatically skip filtered out Elements Marking Orientation by:
	Assembly Station Mode Export as one file Clear Spacing 0 mm

Project Information Parameters – define parameters to take values of project name and project number. These parameters comes from **Revit** \rightarrow **Manage** \rightarrow **Project Information**:

File	Architecture	Structure	Steel	Systems	Insert	Annotate	e Ana	yze	Massing & Site	Co	llaborate	View	Manag	e Add-Ins
G Modify Select ▼	Materials	Setting		Ad Sitional Settings	Project	- Location	Design Options	I Main Desi	Model ign Options		Manage Links	roject	Phases Phasing	Selection In
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	Parame	ter		Va	alue		<u>^</u>							
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Proje	ect Status		FÖRSL	AGSHANDL	.ING					IF⇒				
Clien	nt Name		Owner											
Proje	ect Address		Enter a	ddress here								_		
Proje	ect Name		Hotel (CNC							<u> </u>			
Proje	ect Number		PN-15	00										
Ändr	ringsbeskrivning	9	Ändrin	igsbeskrivni	ng									
Prefi	x												·	
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				OK		Cancel					-			

Result in exported BTL file:

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b Btl-viewer (BTL-viewer) - [C:\Users\Renata\Downloads\CNC-export_4_Walls_2021 02 03 19 12\yv101.btl] - 🗆 🗙							
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Image: A market and a market	☞ 옵션 ✔ 👷 😿		ا ا ا 🕲 ا				
	Project number	PN-1500	User name	info@aga-c	ad.lt		
	Project name	Hotel CNC	Name imported file	C:\Users\R	lenata\	Dowr	
	Project part		Version number	BTL V10.6			
	List name	WALL	Build number	10600			
	Customer		CAD file	C:\Users\R	lenata\	Dowr	
	Architect		BTL file	C:\Users\R	lenata\	Dowr	
	Editor name	Autodesk Revit 2020 2(Processing quality	AUTOMAT	'IC	~	
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	Date exported file	2021-02-03	Edition	STANDAR	D	\sim	
	Time exported file	19:12:49	Comment				
	Release export application	WEINMANN BTL Expo	GUID project	{5E50AE9F	-2320-4	464D	
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	1						
PN-15	00 : Hotel CNC		edited by	Lignocam, l	build: 8	3.0.405	

Element Identification and Mark

EXPORT SETUP : AGACAD	EXPORT	SETUP	: AGACAD
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Common Settings	Common Settings
	Location for export of CNC files
Export Settings	 Custom location
	Custom location Browse C:\Users\Renata\AppData\Roaming\Tools Browse
	Project Information Parameters
	Project Name: Project Name 🗸
	Object Number: Project Number 🗸 🗸
	Element Identification and Mark Default Configuration Configure Automatically skip not marked Elements Automatically skip filtered out Elements Marking Orientation by: Host
	Element Identification and Mark Default Configuration Automatically skip not marked Elements Automatically skip filtered out Elements Marking Orientation by: Host Assembly Station Mode Export as one file Clear Spacing 0 mm

Element Identification and Mark – select element identification and marking configuration. This goes to advanced settings where you can predefine marking for plates/rims joists, girders, studs, joists and columns. Also you can make special element filtering.

٢	lement Identification and Mark -	
	Default Configuration 🛛 👻	Configure
	Automatically skip not market	d Elements
	Automatically skip filtered ou	t Elements
	Marking Orientation by: Host	~

R WEINMANN BTL Exporter. Advanced Setup	- 🗆 X	
Configuration : Default Configuration	Save Duplicate Rename Delete	
Plates/Rim Joists/Girders	Common Settings Mark Module Mark Position Marking Annotation	
	Element Identification =	
	CNC Part Number	
Studs/Joists/Columns	CNC Part Name	
	Print Plate Mark 🗹 on Outer ≚ Side of Frame	
Element Filtering	Print Plate Position Mark 🗌 on Connected Element 🛛 Outer 👻 Side of Frame	
	Plate Position Lines on Connected Elements. Settings	
Wooden Details	Print Plate Position Lines 🗹	
T C C	Rotated Plates for Connected Elements are evaluated 🔽	
	Plates which cut Connected Elements are evaluated 🔽	
Wooden Details Filtering		
	OK Cancel	

Read more about every advanced feature here >>

(https://helpdesk.agacad.com/support/solutions/articles/44002246442-advanced-setup)

Automatically skip not marked Elements



Automatically skip not marked Elements – automatically skips elements if **CNC Part Number** parameter is empty. If this option is switched OFF then the product will show a warning message with information about missing value.

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EXPORT SETUP : AGACAD

Properties		🗙 📑 PLAN 1	🔂 {3D}
M_WF Stud Planh.Regel 45x	170 C14 Exaktkap	•	
Structural Framing (Other) (1) 🗸 🔓 Edit Ty	pe E	
z Justification	Origin	∧ <u>b</u> ∕ •	₽
z Offset Value	0.0	8	
Construction	*		
#d	170.0		
Build in Place			
Link to Connected Wall			
Framing Configuration	#MBAB - YV-stom		
CNC Part Number			
CNC Part Name			
CNC Part Position			
Graphics	\$		
Axis Visible_T			
Even Number			
Solid Visible			
Split Part			
Symbolic Section_Build in	\checkmark		

Such element is not exported in BTL file:

btl-viewer (BTL-viewer)

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PN-1500 : Hotel CNC	Project number	PN-1500]
	Project name	Hotel CNC	Nam
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⊕ 🗹 🥽 4: yv101_4(13)	List name	WALL	
	Customer		
v101_7(18) 🖶 🔄 🖅 🚌 🗸	Architect		
(⊕··· ☑	Editor name	Autodesk Revit 2020 2(Proc
v 2 → v 101_0(0) v 2 → 10: v 101_10(10)	Delivery date		
₩ ====================================	Date exported file	2021-02-03	
	Time exported file	19:29:39	
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Automatically skip filtered out Elements

Element Identification and Mark			
Default Configuration 🗸	Configure		
Automatically skip not marked Elements			
Automatically skip filtered ou	ut Elements		
Marking Orientation by: Host	~		

Automatically skip filtered out Elements – automatically skips filtered out element from configuration.

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Configuration : Default Configuration	Save Duplicate Rename Delete
Plates/Rim Joists/Girders	Element Filtering
Studs/Joists/Columns	FM Module Mark : Instance Shared v equals v Studs
Element Filtering	And v (Filter by :
Wooden Details	None v none v
Wooden Details Filtering	And v Filter by : V None v none v
)

Marking Orientation by

Default Configuration Configure Automatically skip not marked Elements Automatically skip filtered out Elements Marking Orientation by:	- Element Identification and Mark			
 Automatically skip not marked Elements Automatically skip filtered out Elements Marking Orientation by: Host 	Default Configuration	~	Configure	
Automatically skip filtered out Elements Marking Orientation by: Host	Automatically skip no	t marke	ed Elements	
Marking Orientation by: Host 🗸	Automatically skip filt	ered ou	ut Elements	
	Marking Orientation by:	Host	Ý	

Marking Orientation by – marks can be oriented by host (Wall, Floor, Roof, Truss) or by structural framing elements.

Assembly Station Mode

Common Settings	Common Settings			
	Location for export of CNC files			
	Project file location			
Export Settings	 Custom location 			
Export settings	Custom location Browse			
	C:\Users\Renata\AppData\Roaming\Tools Browse			
	Project Information Parameters			
	Project Name: Project Name 🗸			
	Object Number: Project Number 🗸 🗸			
	Element Identification and Mark			
	Automatically skip not marked Elements			
	Automatically skip filtered out Elements			
	Marking Orientation by: Host ~			
	Assembly Station Mode			
	Export as one file Clear Spacing 0 mm			

Assembly Station Mode - select if export has to be in one file or in separate files for each wall/floor/roof panel.

Framing Elements

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Common Settings	Export Settings CNC Command Naming		
Export Settings	Framing Elements Export Frame: Main Frame Split to Separate Files by: None Process Longitudinal Cuts Image: Compare the second secon		
	Order Hosts by: ID v		
	Export Wood Details		

Export Frame – CNC Exporter exports main frame of wall, floor, roof.

Split to Separate Files by – select parameter for splitting elements into separate files.

Export Frames

Common Settings	Export Settings CNC Command Naming			
	Framing Elements			
_	Export Fra	me:	Main Frame	~
Export Settings	Split to Se	parate Files by:	None	~
	Process Lo	ongitudinal Cuts	√	
	Export by	Nominal size		
	Full Laps a	as Milling	√	
]
	- Export Fram	es —		
	Order Hos	ts by: ID		~
	Energing Dat	-11-		
	- Framing Det	alls		
	Export Wo	od Details 📃		

Order Hosts by – possibility to order hosts by ID or Mark.

Framing Details

Common Settings	Export Settings CNC Command Naming		
	Framing Elements		
	Export Frame: Main Frame V		
Export Settings	Split to Separate Files by: None ×		
	Process Longitudinal Cuts 🗹		
	Export by Nominal size		
	Full Laps as Milling 🔽		
	Export Frames		
	Order Hosts by: ID 🗸		
	Framing Details		
	Export Wood Details		

Export Wood Details – exports information about the details.