ADVANCED SETUP

Modified on: Sun, 8 Aug, 2021 at 6:32 PM

🚳 WEINMANN BTL Exporter. Export Setup	
Configuration : Default Configuration	 Save Duplicate Rename Delete
Common Settings	Common Settings Location for export of CNC files Project file location Custom location
	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: 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.

R WEINMANN BTL Exporter. Advanced Setup	-							
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							
4	Print Plate Mark 💹 on 🛛 Outer 👻 Side of Frame							
Element Filtering	Print Plate Position Mark 🗌 on Connected Element 🛛 Outer 👻 Side of Frame							
	Move the overlapping Position Mark							
Wooden Details	Project 🗌 Plate Left side layout Mark to 🛛 Outer 🝸 Side of Frame							
15	Project 🗌 Plate Right side layout Mark to 🛛 Outer 👻 Side of Frame							
	Plate Position Lines on Connected Elements. Settings							
Wooden Details Filtering	Print Plate Position Lines 🗹							
	Rotated Plates for Connected Elements are evaluated 🗹							
	Plates which cut Connected Elements are evaluated √							
	OK Cancel							

Print Stud/Plate Mark on Right/Left/Outer/Inner Side of

Frame

Common Settings	Mark	Module Mark	Position Marking	Annotation						
Element Identifica	tirn =									
CNC Part Numb	er									
Print Plate Mark	✔ on	Right ≚ Side o	f Frame							
Print Plate Positio	n Mark	✓ on Connecte	ed Element Outer	 Side of Frame 						
Move the overlap	ping Pos	sition Mark 🔽								
Project 🔽 Plate I	Left side	layout Mark to	Inner Y Side of F	rame						
Project 🗹 Plate I	Right sid	le layout Mark to	Inner Y Side of	Frame						
Plate Position Li	nes on (Connected Eleme	ents. Settings ———							
Print Plate Pos	ition Lir	nes 🗸								
Rotated Plates	Rotated Plates for Connected Elements are evaluated 🔽									
Plates which c	ut Conn	ected Elements	are evaluated 🗹							
)						

Print Stud(Joist)/Plate Mark on Right/Left/Outer/Inner Side of Frame – select if **Mark** value has to be printed on right/left/outer/inner side of frame element. **Mark** value is predefined in **Mark** tab.

Example, Mark value is printed on the right side of Joist:



Print Stud/Plate Position Mark on Connected Element

Right/Left/Outer/Inner Side of Frame

Common Settings Mark Module Mark Position Marking Annotation											
Element Identification =											
CNC Part Number											
CNC Part Name											
Print Stud Mark or Right V Side of Frame											
Print Stud Position Mark 🗹 on Connected Element 🛛 Outer 🝸 Side of Frame											
Move the overlapping Position Mark											
Project 🗌 Stud Left side layout Mark to Inner ≚ Side of Frame											
Project 🗌 Stud Right side layout Mark to 🛛 Outer ≚ Side of Frame											
Stud Position Lines on Connected Elements. Settings											
Print Stud Position Lines											
Rotated Studs for Connected Elements are evaluated 🗹											
Studs which cut Connected Elements are evaluated 🗹											

Print Stud(Joist)/Plate Position Mark on Connected Element Right/Left/Outer/Inner Side of Frame – select if Position Mark value has to be printed on right/left/outer/inner side of frame element. Position Mark value is predefined in Position Mark tab.

Example, Position Mark value is printed on the outer side of Joist:



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

Stud/Plate Position Lines on Connected Elements

Common Settings	ommon Settings Mark Module Mark Position Marking Annotation											
Element Identification =												
CNC Part Number												
CNC Part Name												
Print Plate Mark	Print Plate Mark 🗹 on Right ≚ Side of Frame											
Print Plate Position	n Mark	✓ on Connecte	ed Element Outer	 Side of Frame 								
Move the overlap	oing Pos	sition Mark 🔽										
Project 🗹 Plate I	.eft side	layout Mark to	Inner Y Side of F	rame								
Project 🗹 Plate F	Right sid	le layout Mark to	Inner 👻 Side of	Frame								
- Plate Position Li	nes on C	Connected Eleme	ents. Settings —									
Print Plate Pos	Print Plate Position Lines 🗹											
Rotated Plates	Rotated Plates for Connected Elements are evaluated 🗸											
Plates which c	ut Conn	ected Elements a	are evaluated 🔽									
0												

Print Stud(Joist)/Plate Position Lines – select if position lines has to be printed on the frame.



Example:

Mark, Module Mark, Position Marking, Annotation tabs

Configuration : Default Configuration	Y Save Duplic	cate Rename	Delete						
Plates/Rim Joists/Girders	Common Settings Mark	Module Mark Positi	on Marking Annotation	1					
	Available Parameters: Mark =								
	Cut Length		Parameter Name	Prefix	Suffix				
Studs/Joists/Columns	FM SortMark		1 CNC Part Name						
	Framing Member Type		2 Cive Part Number						
4	FM Module Mark	Add>							
Element Filtering	EM HostMemberSortM	< Remove							
	Francia a Marchae								
4	Framing Wiember								
Wooden Details	Framing Member Desci	ription							
The second se					1				
	Marking Text Settings —								
Wooden Details Filtering	Text Height	30 mm							
	Text Position Offset	150 mm							
4	Text Cross-Meas Offset	0 mm							
	Horizontal	Right			~				
	Vertical	Center			*				
	Text	Yes		,	×				

Mark, Module Mark, Position Marking, Annotation tabs – predefine rules for filling Mark, Module Mark, Position Marking and Annotation values in the exported file.

Available parameters come from framing element instance properties.



Example, **Mark** is filled **CNC Part Name** and **CNC Part Number** and printed on the frame. Also **Position Marking**, **Module number**, **Annotation** values are written to CNC file and visible in the free viewer:

Eile Settings Help																								
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PN-1500 : Hotel CNC	Proce	currer	P01	P02	P03	P04	P05	P06	P07 I	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22
⊕ 🗹 👝 1: F-3_1(13;15)	2.010.2	1	0.00	0.00	0.00			90.00	90.00															
⊕ 🔽 🥅 2 F-3_2(16,17) ⊕ 🔽 🥅 3 F-3 3(14:18)	1.010-2	2	2400.00	0.00	0.00			90.00	90.00															
🖲 🗹 🚌 4: F-3_4(9:10)	4-060-1	3	150.00	0.00		196.00		90.00	0.00				0.00	45.00	30.1	00	F-3_6-7						_	
🕀 🗹 🛲 5: F-3_5(7)				Count	1		-		Quality	grade				Refe	rence si	ide nesting	1	~	-	Referenc	e side			
Image: March 1 = 10 mm / m			Single membe	r number	7				Pac	:kage [No	~	7	Align				
🕀 🗹 🚌 8: F-3_6(2)			Orde	r number	0		=		Assembly n	umber [ī		Grai	in direction	0.00		Īx: [0.00		Y: [0.00	Z:
🖲 🗹 🛲 9: F-3_7(11)				Length	2400.00		[mm]		Element n	umber [7		-				No	~	7	Alian				
⊕ 🗹 📻 10: F-3_7(12)				Width	45.00		Imml		Module p	mber	E-3 6/7					Camber	4		1	Beferenc	a sida			
				Height	200.00		[mm]		Brannaina	m an filter		IC.				Cambo	0.00			P01: Law	atta contron 1			
🐲 4-040-4(2) : Drilling			Dissi	- I to grik	200.00		(IIIIII)		Flucessing	frightly		10					10000.00			POIL LONG				
- 🞾 4-040-4(3) : Drilling			manir	ig length	0.00		[mm]		н	ecess	AUTUMAT	IC I					10000.00		[mm]	PU2: Len	jth value 2			
- 3/C 1-010-2(4) : Cut			St	art offset	0.00		[mm]		Store	y type	WALL		4				5000.00		[mm]	P03: Len	jth value 3			
- 🎉 4-060-4(6) : Marking / L			E	nd offset	0.00		(mm)			Layer	0						0.00		[mm]	P04: Cros	s value 3			
- 🎾 4-060-1(7) : Marking / L			Designatio	n (name)	F-3_6				Туре	of part	PART					Part offset	0.00		[mm]	P11: side	1			
- 🎉 4-060-4(8) : Marking / L				Group					Type of com	posite							0.00		[mm]	P12: side	2			
- # 4-060-1(9): Marking / L				Storey					Alig	nment							0.00		[mm]	P13: side	3			
🖲 🗹 📻 13: F-3_8(5)			Ar	notation	2400				Materia	al type							0.00		[mm]	P14: side	4			
🖮 🗹 🚌 14: F-3_8(6)			_	Material						UIDs	1		ī				inactive	~	7	P04: ref. :	ide fix clam	р		
			Timb	er grade			=		Cor	nment [Colour	0		П в Г	255		G	0	В
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Element, Wooden Details Filtering

Configuration :	Default Configuration	*	Save	Duplicate	Rename	Delete
Plat	es/Rim Joists/Girders	Eler	ment Filtering			
Stu	ds/Joists/Columns	Fi Fi e Jo	lter by : M Module Ma equals bists	irk : Instance Sł	nared v	
Eler	nent Filtering	(Fi	And Iter by :		Y	
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Wo	oden Details Filtering	Fi	And Iter by :		~	
		n	lone		~	
)				

Element, Wooden Details Filtering – rules for filtering elements. Such elements can be skipped from exporting to BTL file with **Export Setup** \rightarrow **Common Settings** \rightarrow **Automatically skip filtered out Elements.**