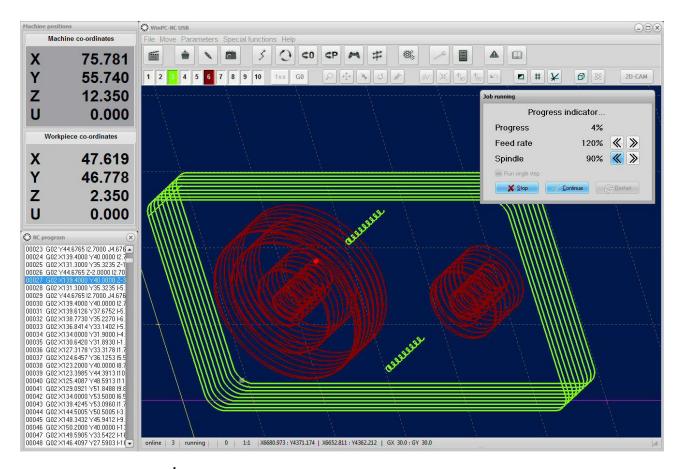
## WinPC-NC 3 that's new !

*WinPC-NC 3* is conceived as a complete and innovative system and thus we are ideally prepared to meet any challenges in the future. This new system is the basis for additional functions which will be available in the near future.



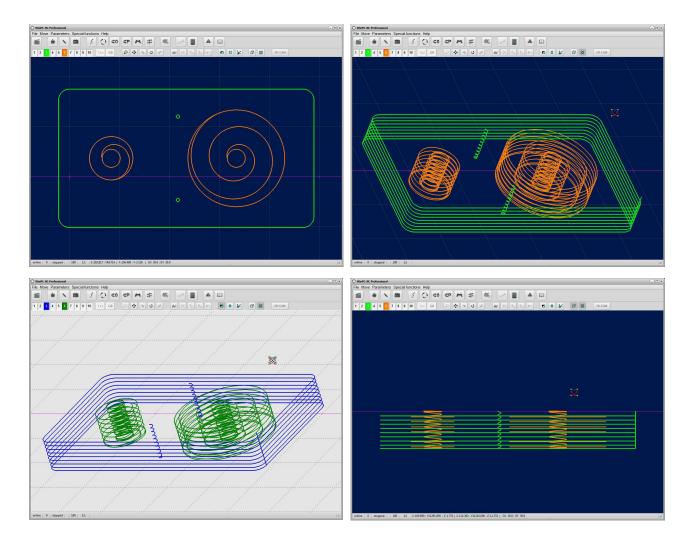
Starting with *WinPC-NC 3* means providing some new functions, e. g. selecting the previously used files, new settings and enhanced import filters.

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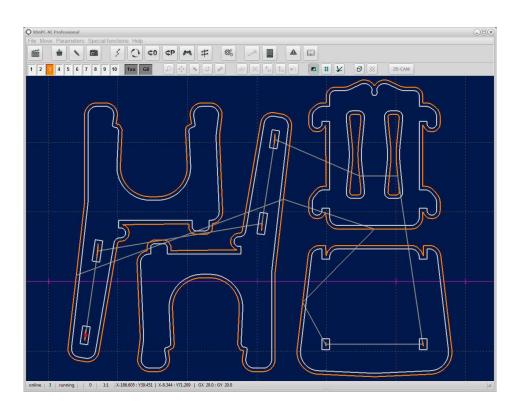
Hard-Software

Brückenstr. 7 D-88074 Meckenbeuren www.Lewetz.de The most important and striking modifications of the current version 3.0 are the following....

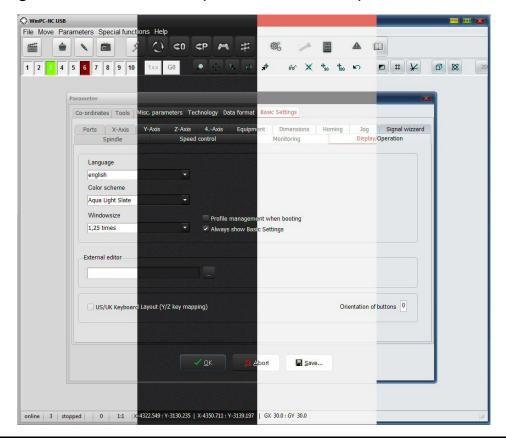
- State-of-the-art and revised user interface with Windows 10-specific layout, equipped with modern buttons, menus and dialogs
- Totally redeveloped OpenGL graphical display with selectable background, views which can be rotated and swivelled in any direction, full 3D graphics with intuitive 360° swivel function, continuously variable zooming and scrolling by mouse wheel or mouse movements



- Live machine position tracking within the graphics, independent of the selected view
- Display option for unnecessary idle travels marked as light grey lines.



- Show/Hide previous contours according to the recalculated tool path by CAM functions.
- Color combinations can be selected and set as styles in parameters as required. Additional templates are available, e. g. in darker colors or specific to machine panels



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Hard-Software

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- Sizes of buttons, menus, windows and fonts are variously scalable to the individual monitor size
- For easier handling we revised the structure and organization of parameters, simplified settings according to logical functions and components for an improved clarity while retaining the usual terms, functions and dependencies. Therefore no intial training or practice is required

ameter											
Co-ordinates	Tools	Misc. paran	neters Teo	chnology Data 1	format Basic Set	tings					
	Speed	control		N	lonitoring	Display/Operation					
Ports	X-Axis	Y-Axis	Z-Axis	Equipment	Dimensions	Homing	Jog	Signal wizzard	Spindle		
Machine :	specific pa	arameters —		Maximur	Axes resolution ance per revolution Maximum speed n start/stop speed Rapid speed Shortest ramp overment direction Backlash	1.000 1.0000 1.0000 1.0000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	Stps. mm/l mm/r mm/r ms Step	U s s			
				<u>• o</u> k	<b>X</b> <u>A</u> bort	■ <u>S</u> ave					

• Improved overview due to main menus and sub-menus.

rameter							
Co-ordinates	Tools	Misc.	parameters	Tech	nology	Data form	nat Basic Settings
Mass product	tion Cir	cular	Tangential o	utting	3D Prin	nt Laser	Grinding
✓ Use tange	ntialaxis						
□ Lift Im	ufo by D		mmando				all tools
Lift knife by PU/PD commands					even tools		
							O odd tools
							Angle for stopping (deg) +0.00
							Angle for lifting (deg) +0.00
							Knife lift +0.00 mm
				-	<u>о</u> к		Abort

 Special basic settings for single configurations and all definitions during the initial startup of the system and projectrelated parameters always depending on the loaded file or the individual job

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• Intuitive help function is available by button F1. It provides appropriate assistance in any situation and concerning the individual settings. Furthermore it is possible to refer to the comprehensive manual in the installed pdf reader.

- Adobe Acrobat		() Wir	PC-NC USB					
witten Anzeige Fenster			Move Parameters	Special	functions	Help		
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				C		0	U GP	
1 /8 🗽 🖑	😑 🕂 100% 🔹 🛱 🔛 Werkzeuge Kommentar Freigeben							
PC-NC	·							
-0-140								
	E	Parar	neter					
Cignol	winord	Co	ordinates Tools Mis	c. param	eters Tec	hnology D	ata forma	t Basic S
Signal	wizard			~				
Haina	innut and autout aiznala	1	Spindle Ports X-Axis	(-Axis	Speed Z-Axis	4Axis	Equipr	M
Using	input and output signals	10	Forts A-Adds	-/ws	2-7005	47005	Equipi	nent
			Inputs		Pinning			
	One of the most essential functions of <i>WinPC-NC</i> is the management of input and output signals.		1255 Start		n/a		8	
	ment of input and output signals.		1254 Stop	_	n/a		100	
Input and out-	By means of inputs many useful functions have been implemen-		1247 NotReady		n/a			
put signals	ted, e.g		1235 Ref.switch X		LPT1 Pin12 inv			
	Monitoring of the axes by limit switches	1236 Ref.switch Y			LPT1 Pin11		-	
			n/a		Accept			
	<ul> <li>Moving reference and thereby calibration of the axes</li> </ul>		Outputs		Pinning			
	Synchonization with various signals, e.g. Start	Q255 Ready Q251 Axes moving			n/a LPT1 Pin17 inv			
	Monitoring of the protection hood and savety fences							
	· Monitoring of the protection nood and savety fences		Q250 Boost		n/a			
	By means of output signals WinPC-NC is able to control various		Q242 Spindle on/off		LPT1 Pin1		-81	
	additional appliances or reconcile the process with other compo- nents. Examples for outputs are		Q243 Cooling on/off		n/a		•	
	Self and Science Self and a Comparison of Active Self and a self a		n/a	-		Accept		
	Switching spindle and cooling	110						
	Locking the protection hood during a job							
						/ <u>o</u> K	×	Abort
	Switching the dispensing pump							
	Remander (*) Co-ordinates Tools Mac parameters Technology Nacro Data Somac Makad Settings	-						
	Spindle Speed control ManBarring Display-Operator							
	Porte X-kole Y-kole Z-kale 4-kole Epulpement Demonstrums Homing Jog Signal wizzerd							
	Insts Paring usa							
	235 Ref.evedb X UPTs Peoblem Q Uss st 235 Ref.evedb Y UPTs Peoblem Q Uss st							
	237 Net Sector 2 UPTL Mat2 ev 238 Ret Sector 4 UPTL Mat2 ev							
0 x 297 mm <	KASI NELAWARI YA UPI EPINIA ANA ANA ANA ANA ANA ANA ANA ANA ANA	onlin	e 0 stopped	34	2			

• Additional languages are available, as well as an easy changeover directly to the settings and languages with Unicode encoding, e. g. chinese and russian

## Additional informations

For more detailed information please contact us by mail to *info@Lewetz.de* or visit our web site at *www.Le-wetz.de*. The price for the update from version 2.X to 3 can be found on our web site in the section *Shop/Price list*.