Passes Laser power Jump speed Frequen speed Puise speed Laser width Jump on Prise off daser delay Jump delay Wobble wobble delay Wobble size Wobble frequen   Name Blow Hatch type Parallel lines Pattern Parallel paths   1 100 1500 5000 50.00 10 120 400 300 500 30 0.0 0   Disable Parallel lines 0.20mm; 0.00degrees; Default; 0.00degrees; 0.50mm 500mm	Name   Passes   user power   mark speed   jump speed   Frequen speed   user width   caser width   mark delay   delay   delay   woode delay   woode delay <thwoode delay   woode delay</thwoode 	☆	Name	Passes	power Blow	speed	speed Hatch t	Frequen	width	on	off	delay	delay	delay	size	frequen	<b>#</b> Mark
Blow     Hatch type     Parallel lines     Pattern     Parallel paths     Hatch type     Parallel lines     Parallel paths     Parallel paths	Blow     Hatch type     Parallel lines     Pattern     Parallel paths       1     100     1500     50.00     10     120     400     300     500     30     0.0     0       Disable     Parallel lines     0.20mm; 0.00degrees;     Default; 0.00degrees;     0.50mm			1	Blow		Hatch t	vne								the second second second second	and the second second second
1     100     1500     50.00     10     120     400     300     500     30     0.0     0       Disable     Parallel lines     0.20mm; 0.00degrees;     Default; 0.00degrees;     0.50mm	1   100   1500   5000   50.00   10   120   400   300   500   30   0.0   0     Disable   Parallel lines   0.20mm; 0.00degrees;   Default; 0.00degrees;   0.50mm   0.50mm     100   100   100   100   100   100   100   100   100   100     100	*		1			and and a second	ype	Pi	arallel lines		Pat	tern		Parallel pa	iths	() Hardwa
Disable Parallel lines 0.20mm; 0.00degrees; Default; 0.00degrees; 0.50mm	Disable     Parallel lines     0.20mm 0.00degrees;     Default 0.00degrees;     0.50mm				100	1500	5000	50.00	10	120	400	300	500	30	0.0	0	
				Disable		Parall	el lines		0.20mm;	; 0.00degre	ees; D	efault; 0.00	)degrees;	0.50m	m		
				2							1						
		90		1		1			10		167			1			
			10														

## 36. Go to "Mark tag". Set following parameters:

**Press Save and close** 

37. Press Logout 'TG'...

- ButtonMarker - User '10'	S 8 8
File Tode Window ?	
	Giusilaser
Z setteder	
	· · · · · · · · · · · · · · · · · · ·

# 38. Press Yes



## 39. Press Connect...

- ButtonMarker	
File Tools Window ?	
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Connect	
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40. Connection in progress...

ButtonMarker	
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Connection in progress	
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# 41. FTP files download

File Tools Window ?		
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	FTP files download	
	FTP files download	
	Local file	
	Remote me	
	100%	
		1
		Г., 19-9- 4.), 13:31

# 42. Press Open

A ButtonMarker	
File Tools Window ?	
	Gius <mark>i/</mark> aser
Open	
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	21/07/2015

# 43. Select "Test15-7-21"

	Name	~	Date	
C:\ButtonMarker\Projects	Test 15	-07-21	7/21/2015 1:36 PM	

44. Change elements/parameters in tag "1 – Pot1"

	Shape Enable					Giusila	ase
	Shape Enable						
	Shape Enable						
	Shape Enable						
	Enable						
			Diameter (mm)	63.00	10 🗮 🕻	Save as default	
	🔛 marca-frigidera-mod-	Model #.PLT					
	T Pot1						
	I for the second	Line N.T. E	1 20 8.8 1 4	De Line an	170.02	1	
	Polar ande (dermaar)	0.00	() #8 #14   204	0.000	1/8.83	(internet) 63.00	10 F
	Polar distance (mm)	0.000	Y (mm)	0.000	÷ +	Height (mm)	x P
				Center	E P	totation (degrees) 0.00	B
Pot1 >							
	Pens				1		
	Enable	Passes Laser por	wer Mark speed	Jump speed Pr	requency Pu	Jse width Blow Hatch	1
	Enabled	1	100 1500	0 15000	50.00	10 Disable	
	Disable	1	100 1507	3 5000	50.00	10 Disable	
	Disable	1	100 1500	5000	59.00	10 Disable	
	E Hatch (4)		100 1500	5000	50.00	to beable	
	Enabled	1	100 150	0 15000	50.00	10 Disable Parallel lines: (	0.20
	Disable	1	100 150/	0 5000	50.00	10 Disable : Parallel lines: /	0.20
	Disable	1	100 1504	0 5000	50.00	10 Disable Parallel lines: (	0.20
	Disable	1	100 1500	0 5000	50.00	10 Disable : Parallel lines: /	0.20
	4						



45. Change elements/parameters in tag "2 – Pot2"

## 46. Change elements/parameters in tag "3 – Pot3"



47. On LCD keyboard there are any alarms



#### Job is not running

#### 48. Press upload



#### 49. Upload in progress...



#### 50. Press IO icon in the bottom right



## 51. View IO Status

npu	uts			Out	puts	
1	0.00	I_StartMark	^	$\odot$	0.00	O_Ready
	0.01	I_ResetMark		0	0.01	O_Fail
	0.02	I_PowerFault		0	0.02	O_Process
	0.03	I_Pointer		0	0.03	O_AutoOn
	0.04	I_Emergency		0	0.04	O_Standby
	0.05	I_CO2Fault		0	0.16	O_StopJob
	0.06	I_WLF		0	0.17	00_17
1	0.07	I_WLL		0	0.18	00_18
	0.08	I_WHT		0	0.19	00_19
	0.09	I_CondFault		0	0.20	O_StopMark
	0.10	I_PreCondWarn			1.00	O_Blow
	0.11	I_StartMarkKeyb		0	1.01	O_EnableX
	0.12	I_ResetMarkK		0	1.02	O_EnableY
	0.13	I_DrawBit0	-	0	1.03	O_Bulkhead
	0.14	I_DrawBit1		0	1.04	O_RedLamp
	0.15	I_DrawBit2		0	1.05	O_YellowLamp
	0.16	I_DrawBit3		0	1.06	O_GreenLamp
	0.17	I_DrawBit4		0	1.07	O_Shutter
	0.18	I_Sample_Keyb		0	1.08	O_Pointer
	0.19	I_LampFault				
	0.20	I_FaultRF				
	0.21	I_MainProcKeyb				
	0.22	I_SecProcKeyb		-		
	0.23	I_QuitProc		0		
	0.25	I_BusyJob				
	0.26	I_ErrorJob				
	0.28	I_BusyMark				
	0.29	I_BlowPen				
	0.30	I_UserOut3				
	0.31	I_UserOut4				
	0.32	I_JobActiveOut				
	0.35	I_FiberBit0	1			
	0.36	I_FiberBit1				
	0.37	I_FiberBit3				
	0.38	I_FiberBit4				
Ì	0.39	I_FiberEmerg				
	0.40	I_FibraCombAlrm				
1	0.41	I WdtEPGA				

Laser is in off state (O\_Fail is low)

# 52. Release the emergency button Press and hold the START button for a few seconds

