

1. Connect the power supply and connect the USB :

2. Install the driver (software --> Driver --> CH340SER.exe) :

2 : CH341SER.INF WCH.CN iverSetup 340 ;3.2011.11 ① 驱动预会装成功: SUCCESS

- 3. To Determine your Machine's COM port:
- Windows XP: Right click on "My Computer", select "Properties", select "Device Manager".
- Windows 7: Click "Start" -> Right click "Computer" -> Select "Manage" -> Select "Device Manager" from left pane
- In the tree, expand "Ports (COM & LPT)"
- Your machine will be the USB Serial Port (COMX), where the "X" represents the COM number, for example COM6.
- If there are multiple USB serial ports, right click each one and check the manufacturer, the

machine will be "CH340".



4. Open grblControl software(software -> Grblcontrol -> grblControl.exe)

grblControl			
<u>File</u> Service <u>H</u> e		USB-SERIAL CH340 (COM9)	
G- <u>S</u> ettings		▶ · · · · · · · · · · · · · · · · · · ·	
		Work coord	inates:
	🔂 Settings	2 ×	D 0
	Connection	Connection (2) Choose the correct port	
	GRBL	Port: COM? • O Baud 115200 •	Not connected
	Visualizer	GRBL.	
	Tool model	Query period: 40 Safe Z: 10.000	
	Console	Rapid speed: 800 Acceleration: 100	
	Colors	Spindle speed min.: 600 max.: 1000	
	Font	Z-probe commands:	
		Lommand 1; command 2;	
X: 0.000		Report units:	
Z: 0.000		mente antes.	
0.000 7 0.000		rarser	
#		Arc approximation segment length: U.U	(
		Visualizer	
L		Line width: 1.5 🗸 Smoothing 🥅 MSAA	
		Simplify geometry Segment length: 0.0	error 1: No such file
		FFS lock: 60 V Z-buffer	,
	Set to defaults	OK Cancel	
Check mode	Autoscroll Open Reset	Send Pause Abort	A Ø

Console window print " [CTRL+X] < Grbl 0.9j ['\$' for help]" If the connection is successful.

Console window print " Serial port error 1: No such file or directory " indicate that the connection is failed.



Grblcontrol Use

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<u>F</u> ile <u>S</u> ervice <u>H</u> elp						
G-code program [GO G54 G17 G21 G90 G94 MO M5	5 M9 TO FO. SO.]			† †	State Work coordinates	: 000 0.000
The spindle	speed : @ max 100%	IIIt does not representand it represents theAnd this percentage100=100=10001000=10001000/1000And this percentage	the actual speed, ratio s not linear. -> 10% -> 100% max is not linear.		Machine coordina 0.000 C Status: Control () () () () () () () () () ()	tes: .000 0.000 Idle U U D D D D D D D D D D D D D
X: 0.000 0.000 Y: 0.000 0.000 Z: 0.000 0.000 0.000 / 0.000 / 0.000	X: 0.000 0.000 Y: 0.000 0.000 Z: 0.000 0.000 Duffer: 0 / 0 Vertices: 144 0.000 / 0.000 / 0.000 FPS: 61					
#	Command	State	Response			
Open the G-code file start working ! Check mode Autoscroll Open Reset Send Pause Abort						

