### **Stuertz Welder - Setting Barcode Reader**

Setting up a VSM barcode reader

Difficulty Medium

Duration 10 minute(s)

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#### Introduction

How to set up a VSM welder and barcode reader

### Step 1 - Setup the directory for the welder files

There is a "Read Data" button on the welding page for loading current batch.

This also allows you to change the file path

D-S3577 Neustadt/Wied-Rott	Weldi	ng 🔪 🔪		
	00373801.wid 0/2 (0.00) %			
Record	1	2		
Order number	016802	016802		
ID Number	373801000100	373801000101		
frolley				
Box 01	0001	0001		
Profile 01	B03	B40		
Profile 05	B03	B40		
Profile 07	B03	B40		
Profile 11	B03	B40		
Profile Designcode	01	01		
Width (mm)	900.00	816.00		
Height (mm)	2085.00	2001.00		
Quantity	1	1		
Turning	1	1		
	14			
Profilname	803	840		
Design	01	01		
Wood Look	0	0		
Profile Height (mm)	70.00	70.00		
Profile Width (mm)	70.00	110.00		
Meltingtime (sec)	12.000	12.000		
foiningtime (sec)	30.000	30.000		
Coolingtime (sec)	60.000	60.000		

	Source Directory D/(HML Running, United) Actionatic File reading	eading Options Read dimensions as inches Reading Rither (Dataset)
Fle extensions ✔.add	Assessed Tile reading active Internal Time 40 Ince Internal Time 40 Ince Internal Time Open File	
Image         Image         Annual           101         Instance         I           102         Instance         I           103         Instance         I	No option       Instruction of the filter       Instruction of the filter reading to       Instruction of the filter reading to	
Y Denset 4		

### Step 2 - Exit the HMI

To go to windows desktop

# Step 3 - Install Software to emulate COM port

If this is a Zebra scanner, the Zebra CDC scanner program will be installed already.

For other manufacturers, this may need to be downloaded from the internet



## Step 4 - Open the Device Manager to see the COM Ports

Device Manager
File Action View Help
⇐ ➡   📰   🔛   📰   🖳 💺 🏵
✓
> 🖬 Audio inputs and outputs
> 😣 Bluetooth
> 🛄 Computer
> 👝 Disk drives
> 🏣 Display adapters
V Firmware
Device Firmware
NVMe Firmware 26.30.30.39
System Firmware
> 🐺 Human Interface Devices
> 📷 IDE ATA/ATAPI controllers
> 🔤 Keyboards
> III Mice and other pointing devices
> 🧾 Monitors
> 💭 Network adapters
V 🛱 Ports (COM & LPT)
Communications Port (COM1)
> 🛱 Print queues
> Processors
> Security devices
> 🔚 Sensors
> 📑 Software components

# Step 5 - Enable option to emulate COM port

For a Zebra barcode reader -Use Reader manual to scan the barcode or scan the barcode opposite or see the barcode at this address



### Step 6 - Log in HMI as Software

#### Run HMI

The password in in g:\IT Department\Sturtz Machinery Passwords.txt

...This is a high level security password and should not be distributed beyond commissioning engineers

### Step 7 - Select COM port on HMI on the Barcode setting page

Barcode settings are on the features bar on the left hand side Here you can also select length of string and test the barcode reader function

ype of Barcode	not used		~		
	Seria	Port			
	Port:	Zebra CDC Scanner (COM3)			
	Baud:	9600	*		
	Databits:	8	*		
	Parity:	None	¥		
	Stoppbits:	One	*		
L	Read Dimension as Inches				
Γ					
	Description	Field	i type	Length	