

# Diagnostics

gSender 1.5.3

## Environment

**OS:** Windows NT 10.0; Win64; x64

**Homing:** Disabled

**Soft Limits:** Disabled

**Home Location:** 3 (Front Left)

**Report Inches:** Disabled

**Stepper Motors:** Unlocked

## Machine Profile

**ID:** 12

**Company:** Sienci Labs

**Name:** LongMill MK1

**Type:** 30x30

**Version:** MK1

**Limits:**

X Max: 810

Y Max: 855

Z Max: 120

**Spindle/Laser:** false

**Laser Mode Enabled:** false

## Connection

**Available Ports:**

0:

port: COM3

manufacturer: Arduino LLC ([www.arduino.cc](http://www.arduino.cc))

inuse: false

**Connected Port:** COM3

**Baudrate:** 115200

**Unrecognized Ports:**

0:

port: COM1

manufacturer: (Standard port types)

inuse: false

## GRBL Information

**Type:** Grbl

**Firmware Version:** N/A

**MPos:**

a: 0

b: 0

c: 0

x: 0.000

y: 0.000

z: 0.000

**WPos:**

a: 0

b: 0

c: 0

x: 0.000

y: 0.000

z: 0.000

**Sender Status:**

Modal:

NULL

Tool: NULL

**Workflow State:** idle

**Homing Flag:** false

# **Preferences**

## **Jog Presets:**

Rapid:

xyStep: 20  
zStep: 10  
aStep: 20  
xaStep: 20  
feedrate: 5000

Normal:

xyStep: 5  
zStep: 2  
aStep: 5  
xaStep: 5  
feedrate: 3000

Precise:

xyStep: 0.5  
zStep: 0.1  
aStep: 0.5  
xaStep: 0.5  
feedrate: 1000

**Workspace Units:** mm

**Laser:** Disabled

**Rotary:** Disabled

## EEPROM Values

Setting	Value
\$0	10
\$1	100
\$2	1
\$3	1
\$4	1
\$5	0
\$6	0
\$10	1
\$11	0.010
\$12	0.002
\$13	0
\$20	0
\$21	0
\$22	0
\$23	3
\$24	25.000
\$25	1500.000
\$26	250
\$27	1.000
\$30	30000
\$31	0
\$32	0
\$100	200.000
\$101	200.000
\$102	200.000
\$110	4000.000
\$111	4000.000
\$112	3000.000
\$120	750.000
\$121	750.000
\$122	500.000
\$130	810.000
\$131	855.000
\$132	120.000

## Recent Alarms

None

## Recent Errors

8/8/2025, 4:03:00 PM

Grbl '\$' system command was not recognized or supported.

Input: (VECTRIC POST REVISION) Controller: Grbl

## Terminal History

None

## G-Code File

Status	Value
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No File Loaded