## CNC Router User Manual

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## 1 Overview

- 1.1 Mechanical
- 1.2 Electronics
- 1.3 Software

## 2 Milling Fundamentals

- 2.1 Safety
- 2.2 Types of Operation
- 2.2.1 Edgefinding
- 2.2.2 Drilling
- 2.2.3 Surfacing
- **2.2.4** Facing
- 2.2.5 Pocketing
- 2.3 Work Holding
- 2.3.1 Vice and Parallels
- 2.3.2 Toe Clamps
- 2.4 Materials, Feeds and Speeds
- 3 Mechanical
- 3.1 Tramming
- 4 Electrical
- 4.1 Power Supplies and Distribution
- 4.2 Stepper Motors
- 4.3 Sensors and User Interface
- 5 Firmware
- 5.1 Communication Protocol
- 5.2 Command Language
- 5.3 Motion Control
- 6 Host
- 7 Wizards