



Multicam M-2412

SLQ Wiki Fabrication Lab 2024/09/02 20:10

Multicam M-2412

CNC Router is a computer controlled version of the handheld router. It is used for cutting and hollowing shapes in hard materials - timber, plastics, aluminum. The CNC (computer numeric controlled) allows this machine to cut precise, repeatable, quick and efficient copies of a design.

The Edge's M-2412 is manufactured locally in Brisbane by Multicam CNC and features:

- A2MC Controller
- ELTE COLLET ER32 - 3HP Spindle with max speed of 18000RPM
- Multicam Oscillating Knife
- Vacuum Machine Bed
- Multicam Vision System
- 5 hp Dust Extractor
- Donek Drag knife and creaser

Other Upgrades Available

- Tangential Knife
- Pneumatic Tool Changer
- Mist Sprayer

[Parts of the machine](#)

[CNC Safety](#)

~~REVEAL~~

CNC Router Operations

The Edge has developed a CNC Router Operations e-manual in order to safely and efficiently promote public engagement with this piece of equipment.

[→ Read more...](#)

Design to Cut

This page covers all the methods currently used and endorsed for use on the CNC. Each flow goes

through:

- Design - where shapes are generated
- Preparation for Cutting
- NC (numerical code) generation

In some workflows, this may involve two or more software applications. For example - DXF files generated in Illustrator may need to be modified or re-exported from Corel Draw or Fusion360. To test or recommend workflows, please use the [CAM Software Testing](#) page.

my_postp.zip

tool database

LINKS

[CNC Router Operations](#)

[Other Operations - Staff Only](#)

[Multicam CNC Induction](#)