



MONASH  
University

# MADA CNC BASIC SPECS

## CNC FLAT BED ROUTER: 3 AXIS: GEM SYSTEMS

**Materials:**

Foam, wood, reconstituted timber products.  
Works best with flat sheet materials, or blocks.

**Primary uses:**

Topographical milling, and profile cutting. Undercuts are not possible.

**Working envelope:**

Z= 250 (H)\* Y=2400 (L) X =1200 (W)

\*Depends on cutting bit in use.

**Adaption 1:**

Two sided milling allows hollows, or features on both sides of material.

**Adaption 2:**

Indexed rotary axis allows non-cylindrical shapes up to 2100 mm length.

## CNC MILL: 3 AXIS: TORMACH PCNC1100

**Materials:**

Ferrous and non-ferrous metals. Works best with orthogonal blocks or plate.

**Primary uses:**

Topographical milling, profile cutting, boring, typical of engineered parts.

**Working envelope:**

400 (H) x 450 (L) x 230 (W). \*Actual material size may be smaller.

**Adaption 1:**

Two sided milling allows hollows, or features on both sides of material.  
Undercuts are not possible.

## CNC LATHE: 2 AXIS: TORMACH 15L

**Materials:**

Ferrous and non-ferrous metals. Works best with bar, tube, square sections or disks.

**Primary uses:**

Machining cylindrical shapes of various profiles, typical of engineered parts.

**Working envelope:**

250 (Dia) x 300 (L) Swing up to 380 Movement

\*add length to stock for holding in chuck.