

# Carbide 3D Nomad CNC Router



## Carbide 3D Nomad CNC Router

**Tool Type:** "CNC Router"

**Location:** "Innovations Workshop"

Supervisor	Tool Lead
David Bothman	"WW Name"
(805) 893-4125	(###) ###-####
bothman@cnsi.ucsb.edu	"WW Email"

**Description:** "Bench top CNC Router"

**Manufacturer:** "Carbide 3D"

## About

The Carbide 3D Nomad is a small bench top CNC router capable of cutting wood, plastic, and soft metals with conservative feeds and speeds.

## Training Documentation

[Carbide 3D Nomad 883 Training SOP](#)

## Detailed Specifications

- Cutting Volume: 8" x 8" x 3" (X,Y,Z)
- Spindle Speed: 2,000-10,000 RPM
- Software: Carbide Motion, Mesh Cam

## Safety Concerns

- Safety Glasses must be worn when machine is running
  - The acrylic shield must be in place and lowered before starting a job
  - The spindle must be completely stopped before adjusting or removing work piece
  - After milling is completed, the work piece will have developed sharp burrs which must be removed with a hand file or sandpaper
- 

## Reference Documentation

[nomad\\_feeds\\_and\\_speeds.pdf](#)

<https://docs.carbide3d.com/assembly/carbidemotion/userguide/>

---

From:

<https://bpm-wiki.cnsi.ucsb.edu/dokuwiki/> - **NSF BioPACIFIC MIP Wiki**

Permanent link:

[https://bpm-wiki.cnsi.ucsb.edu/dokuwiki/doku.php?id=carbide3d\\_nomad&rev=1599839986](https://bpm-wiki.cnsi.ucsb.edu/dokuwiki/doku.php?id=carbide3d_nomad&rev=1599839986)

Last update: **2020/09/11 15:59**

