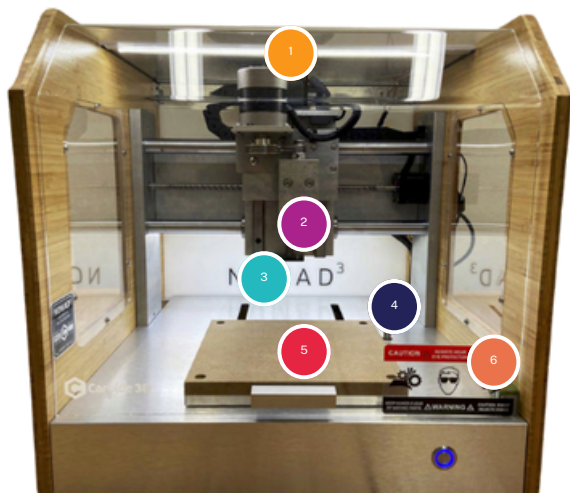


ANATOMY OF A CNC MACHINE

FRONT VIEW



1 **Spindle Motor:** The Spindle Motor is responsible for driving the spindle, providing the necessary power to rotate the cutting tools at high speeds.

2 **Spindle:** The Spindle holds and rotates the cutting tools.

3 **End Mill:** The Endmill is a type of cutting tool that is held and rotated by the spindle.

4 **Bit Setter:** The BitSetter automates the process of setting tool lengths, ensuring accurate tool changes.

5 **Table:** The Table is a stable, moving surface that supports the wasteboard and the material being cut.

6 **Interlock:** The Interlock is a safety feature that prevents the machine from running under certain conditions, such as when the door is open, or safety protocols are not followed.

SIDE VIEW



1 **BitZero v2:** The BitZero v2 is a tool used for precise material positioning and zeroing.

2 **USB Port:** The USB Port allows for data transfer and connection to the computer controlling the CNC router.

3 **Power Cord:** The Power Cord supplies electricity to the machine, ensuring it operates correctly.