

# Startup Checkoff Sheet

Use the following checkoff sheet to ensure that all equipment startup tasks are completed and in the required sequence. For more detailed startup instructions, refer to Cutting Parts, page 3-12.

**WARNING!** *Safety First – Always wear safety glasses, ear protection, and hand protection when operating your OMAX JetMachining Center.*

1.  **Main breaker box POWERED ON.**
2.  **Bleed valves CLOSED** for bulk hopper and common water air tank.
3.  **Air supply valve OPENED.**
4.  **Water supply valve OPENED.** Verify white tank water level.
5.  **High-pressure pump POWERED ON.** Verify that pump LED screen becomes active.
6.  **Charge Pump POWERED ON.** Verify cooling flow from 3 white tank hoses.
7.  **PC Controller POWERED ON.**
8.  **Bulk feed hopper PRESSURIZED** (if applicable).
9.  **OMAX “Make” STARTED.**
10.  **Table AUTO HOMED** to ensure that absolute home position is correct.
11.  **Nozzle POSITIONED between slats**, 1 to 2 inches (2.54 - 5.1 cm) above the water level.
12.  **Nozzle low-pressure water test STARTED.** Click “Test”, “Low”, and “Water”.
13.  **Straight and narrow jet stream VERIFIED** while pinching the abrasive feed tube.
14.  **RPM and Pressure ADJUSTED and RECORDED** from the pump LCD screen.
15.  **Nozzle low-pressure test STOPPED.**
16.  **Nozzle high-pressure test STARTED.** Click “Test”, “High”, and “Water”.
17.  **Straight and narrow jet stream VERIFIED** while pinching the abrasive feed tube.
18.  **RPM and Pressure ADJUSTED and RECORDED** from the pump LCD screen.
19.  **Charge pressure at full flow RECORDED.**
20.  **Nozzle high-pressure test STOPPED.**
21.  **Water and Abrasive test STARTED.** Click “Test”, “High”, and “Water & Abrasive”.
22.  **Increased sound level and stream diameter CONFIRMED.**
23.  **Abrasive flow rate MEASURED.**
24.  **Setup and Pump Nozzle settings VERIFIED** correct.
25.  **High- and Low-pressure values SET** to match pump settings above.
26.  **“Event & Relay Timing” settings VERIFIED** correct.

You are now ready to begin machining.