

VMC Post-install Checklist

Technician		Cell#	
Serial Number		Date	
Model			

Post-install Questions

Answer the following questions.

1. Has the electrical installation been verified and checked for loose connections?	
2. Has the spindle lubrication system been verified?	
3. Has the axis lubrication test been run? Run a lubrication test in DIAGNOSTIC > MAINTENANCE > LUBE. Does the low lube icon or Alarm 2075 display?	
4. Has the machine been leveled?	
5. Has a spindle sweep been performed?	
6. Have any of the following options applicable been properly installed and tested?	
6a. If applicable, as the active ballscrew compensation system been calibrated	
6b. If applicable, has the multi-auger chip conveyor been installed?	
6c. If applicable, has the wifi camera been installed and tested?	
6d. If applicable, has the convenience package been installed?	
6e. If applicable, has the auxiliary coolant filler been installed and checked for leaks?	
6f. If applicable, has the cabinet cooler been installed and tested?	
6g. If applicable, has the HPFC been installed?	
6h. If applicable, has the pallet pool been installed and verified?	
6i. If applicable, has the Haas oil skimmer been installed?	
6j. If applicable, has the PulseJet been installed and tested?	
6k. If applicable, has the table work light been installed and tested?	
6l. If applicable, has the mini conveyor been installed	
7. Has the Auto Air Gun been tested?	
8. Has the Auto Door been tested?	
9. Has the Spindle Run in program been run?	
10. Has the flood coolant operation been tested and if applicable, the TSC been tested?	
11. Has the chip auger operation been tested?	
12. If applicable, Has the RJH-XL been tested and proper configuration files been enabled?	
13. If applicable, has the RJH-Touch been tested?	
14. Have the door interlocks been tested? (See the Notes section below)	
15. If applicable, has the Through Spindle Air Blast been tested?	
16. Has the Z-axis tool change offset parameter been checked? (See the Notes section below)	
17. If applicable, has the WIPS option been calibrated?	
18. Have the safety features been tested? (See the Notes section below)	
19. If applicable, has the MRZP been tested?	
20. Has the spindle been run at 1000 and 5000 RPM using a balanced tool to confirm the RMP is not fluctuating?	
21. Has a program been saved and stored to and from the USB to test that the control can save?	
22. Have the waycovers function been tested by running a program to axes entire travel at 5%, 50% and 100%?	

Notes/ Observations:

- For 14, test the door interlocks by Press [MDI]. Type in S500 M3; Press [ENTER]. Make sure the machine IS NOT in SETUP MODE by Checking the KEY SWITCH on the side of the pendant. With the door open, press [CYCLE START]. The machine should say to close the door and press CYCLE START. With the door closed, press [CYCLE START]. The INTERLOCK PIN should extend and the spindle starts rotating.
- For 16, power on the machine, zero return, and place a tool holder in the double arm. Mount a 0.0005" indicator, set to zero, and jog the table away. Move the tool holder to the spindle, position the indicator under it, and jog Z down until it touches zero. in DIAGNOSTIC, enter 3.078, press F1 then F2 to set the Z-axis Tool Changer Offset.
- For 18, Turn the Run/Set-up key to Set-up mode and verify the Memory Lock switch. In MDI, type M03 S500 so the spindle does not start. Open the door, press CYCLE START - the spindle should not start. Close the door, press CYCLE START - the spindle should start. Ensure the door cannot open while the spindle runs but can when it's off. Check window latches lock in place. Perform a GFCI test at the plug (110V) or coolant pump connector (240V).

Attach this report, an error report, and any relevant documentation to a service notification in the Haas Service App.