MILL WEEKLY MAINTENANCE CHECKLIST

This document provides a list of tasks that are recommended to be completed on a daily and weekly basis to ensure the proper maintenance and performance of a Haas mill can be achieved.

Morning Tasks:	
	Run spindle warm-up program. We recommend you put a tool holder in the spindle while running. For 10,000 RPM spindles and above, you must <u>always</u> use a balanced grade tool (balanced grade is G2.5 or better ANSI S2.19) in the spindle while the warm-up program is running. Check air lines for water. Depress the trigger on the air gun so any water present in the lines will be evacuated. If water issues persist, check the shop air. Check coolant level in control. Verify that it is in the proper operating range. Check air pressure in control. Verify that it is in the proper operating range. Check coolant concentration. Use a refractometer and verify that the concentration meets the manufacturer's specifications.
Daily Tasks:	
	Check tool holders, pull studs, and tool tapers for damage. Clear off any chips on the tool taper and remove tools with rust or galling.
End of Day/Shift Tasks:	
	Clear off all chips from waycovers. Check chip filter on top of coolant tank. Remove any excessive piles of chips present. If leaving machine overnight or for an extended period: Remove the tool from the spindle (if necessary). Use a rust inhibiter, such as WD 40, to clean and lubricate spindle taper. Wipe down taper with a clean, dry rag.
End of Week Tasks:	
	<i>SMTC:</i> Clear off chip build up on the side-mounted tool changer arm. Check for sticky plungers or worn keys.
_	<i>UMB:</i> Clear off any chips from the top of the protective cover. Check the extractor forks and keys for excessive wear or damage.
	Inspect the air regulator pressure gauge in the lube panel on your machine. Verify that it matches the reading on the control and is within the acceptable operating range. Check the coolant float gauge and verify that it is operating properly and the displayed reading
	matches the actual level in your tank. Check coolant concentration. Use a refractometer and verify that the concentration meets the manufacturer's specifications.
	Check the surface of the coolant tank for tramp oil. Remove any present. Remove chips from coolant filter. (Add on) Check TSC filter. Replace if possessary.
	(Add-on) Check TSC filter. Replace if necessary. (Add-on) Check auxiliary filter bag. Replace if necessary.