

HZ-Series Maintenance Schedule



Maintenance Item		Description of Work	Frequency
Bearings			
	Grease bearings	8 Barrel Bearings, 2 main hub bearings. General purpose lithium grease. **DO NOT OVER GREASE** (See specific instructions for HZ-85 and HZ-175 Bearings)	Every 700 Hours
	Inspect Bearings	Check for signs of fatigue or wear or looseness	Every 700 hours
	Sound Check	Listen for audible clunking noises. (Could indicate a bad bearing or other wear)	Every 700 hours
Belts/Chains			
	Check Belts	Check tension and look for any signs of wear or fraying	Every 1400 Hours
	Check Barrel Rotation Chain	Check the sprockets and linkage for wear and looseness.	Every 1400 Hours
	Check Poly/Timing Chain	Check the Tension on the Poly Chain/Timing Belt. ¼-1/2 Deflection ideal. Barrels should not rock when jostled by hand	Every 1400 Hours
Barrels			
	Check liners	Look for wear or thinning in the ends	Every 1400 Hours
	Oil Cam Locks	WD-40 or similar lubrication for cam locks on barrels and locking pins.	Bi-weekly or as needed
	Adjust Cam Tension	If leaking, adjust the horseshoe brackets that hold the cam locks. Replace Seals or Adjust Cam.	When Leaking
	Check Seal	Check rubber gasket for cracking or wear.	Every 1400 Hours
Pneumatics (On Machines with Cover Lifts)			
	Check Pneumatic Oiler	Check adapter to make sure pneumatic oil is full. (Oiler should be turned down to 1 or 2 on the dial.)	Every 1400 Hours
Frame			
	Check Weldments	Inspect joins on moving parts such as barrels and endplates for signs of fatigue or wear	Every 2100 Hours
	Oil Door Hinge	WD-40 or similar lubrication for cam locks on barrels and locking pins	Every 700 Hours
	Clean	Clean out any Sludge build up in the frame under the Separator and by the Motors	Every 1400 Hours
Drive Motor			
	Inspect motor brake Assembly	Take off motor housing and inspect brake for loose bolts and ensure brake is functioning properly. See video here	Every 1400 Hours
Safety Notes			
	Keep Barrel Lids On	Never Run the machine without any of the lids removed. The barrels are counterweighted to compensate for the weight of the lid and this imbalance puts excess strain on the bearings and timing components.	
	Lid/Barrel Locking Mechanisms	Always double check barrel cams and latches and other locking mechanisms prior to starting a cycle. If you hear ticking or clunking shortly after engaging cycle, hit "Emergency Stop" immediately and recheck all locking mechanisms.	

To see a video of the recommended maintenance items and checks listed above [click here](#).