

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**	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
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 be sure to 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 "cycle stop" immediately and recheck all locking mechanisms.	

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