

**TITLE: Plotter Maintenance: General procedures**

Category: Plotters – GS and HS Series

Gerber FastFact #: 5262

Supplied by: Technical Hardware Support / RR

Last Modified: 1/21/04

Summary: Weekly and Periodic maintenance for HS and GS plotters.

**In order to ensure the proper operation of your plotter, we have a few tips:**

1. Every week, clean the chrome rods with alcohol and coat them with a thin coating of 3 in 1 oil or sewing machine oil.
2. The knife holder: Clean the tool and the spindle that it goes into with alcohol, and do not lubricate these parts. Check the knife holder for wear or scratches. If there are polished rings on the tool holder, these are wear marks and the tool should be replaced with a new tool.
3. Around every month or two, remove the covers on the plotter and clean the unit with compressed air. Set your compressor for 30 or 40 PSI and spray out the entire plotter from one end to the other. Next, clean all the gears. Dust and dirt accumulates in the cogs of the gears. The gears can be cleaned with compressed air or a toothbrush and alcohol.
4. The black belt that pulls the carriage across: The belt goes through the back of the plotter and returns. This belt turns on a pulley; this pulley rotates on ball bearings. With a needle oiler, drop a few drops of oil on each side.