

The DMC Machine

(Patent Pending)

Please watch the DMC Setup Video on my site Dankubin.com

Keep sterilants away from all moving parts and electrical connections. (Barbacide is a good, non-corrosive sterilant that is the best option for sanitation)

NO LUBE NECESSARY! All moving parts are self lubricated or impregnated with lubricant. Oil will only attract contaminants to the moving parts.

This machine has an adjustable return spring tension located on the underside of the frame near the tube vice. Use a 1.5mm allen key (provided) to adjust the tension.

When using cartridges, back the adjustment screw out until the spring tension is released.

With standard needles, engage the spring tension by turning the adjustment screw in all the way in order to stabilize the mechanism at higher speeds.

This machine hits differently based on the polarity of your clipcord! **Positive up will make it hit very sharp and punchy.** Ideal for larger lines and aggressive shading. **Positive down will still be punchy, yet a little more mellow.** Ideal for shading and smaller lines. *The machine will also have more torque, so may feel stronger at lower volts. Please play with the polarity at different speeds and techniques to find what's best for you!

Frequent stops and starts are hard on the motor. It is Ideal to run continuous power with cartridges, it is ideal to have a **power supply with a kickstart function.** Most Critical power supplies have this function.

Starting the machine at low volts can make it hard for the motor to turn over, and may shorten the life of the motor if it has to struggle to start moving.

It is not uncommon to need to bump the armature bar to get the motor running when under 5.5 volts with high tension cartridges.

You can also use a rubber band around the armature bar and frame to help neutralize the tension.

Recommended Voltage range is 4.5 – 6.5 volts. After the motor breaks in, it may need to run up to 7 volts for high speed operations such as fast large lines.

After several weeks of use, the **motor will mellow out and require more volts to run.**

This is normal for Faulhaber motors.

If a maintenance issue occurs, please fill out a repair form on my site dankubin.com

Enjoy your machine! -Dan Kubin