

# SHAGBUILT

## TATTOO MACHINE CO.

### Shagbuilt THE ONE Rotary Machine

#### SETUP

As **Fig.1** shows, the slide is in it's top most position. This is the position you will want to use when setting your needles up into the tube to adjust your throw.

The throw is adjusted by moving the tube up or down in the tube vise. As far as how much throw to allow, everyone is different, so you will have to play with the throw until you get it set to what you like to use.

I usually put mine up in the tube about the thickness of a dime or so, depending on the area to be tattooed (See **Fig. 2**). You will feel the machine "bounce" or drag if you have too much throw. If this is the case, just pull the tube back down a bit until it the drag ceases.

#### VOLTAGE

**This machine uses a different motor than the d20 and uses different voltages as well.**

These motors run faster per volt than a d20, so it requires less voltage. They typically run at the same speed at over a volt lower than a d20. Voltage varies by personal taste, type of style of tattooing desired and area to be tattooed. I typically run mine around 5-6.5 volts, varying with needle groupings and area to be tattooed. This is just my preference, many of my friends prefer different voltage for different groups. It's really up to you and what you feel comfortable with. Different effects can be attained by slowing the machine down, or speeding it up, so play around until you get comfortable with it. Just remember, the voltage affects the SPEED, not the hardness of the hit.

These machines use non polarized motors, so it does not matter which way the clipboard is hooked up to it.

**Note: These motors are designed to be ran at no more than 8.0 volts. More than that, and all you are doing is damaging the motor. I am not responsible for motor wear. If you wear out your motor prematurely from overdoing the voltage or misusing your machine, you will need to send it back to me to have the motor replaced at your own expense.**

#### PARTS MAINTENANCE

**Your machine is pre-lubricated and ready to use, DO NOT LUBRICATE IT BEFORE USE!**

Your machine's slide is made of a self-lubricating plastic designed for friction applications so you really don't need to lubricate it very often if at all. Oiling the slide may help quiet the machine down if the sound is noticeably louder after the initial break in period. I recommend Superlube 51010 Synthetic or a similar oil. You can obtain some from Amazon, or by contacting me or Magic Moon in Europe. **It is important that you only use the tiniest amount of oil, more is not better and can actually bog the machine down and cause fluctuations in speed.** After oiling the slide, wipe away any excess at the top of the slide.

The motors are oil less, and DO NOT need to be maintained, but, as with any rapidly moving part, they will wear and become sloppy and less powerful over time. When this happens, the motor will need to be replaced, same goes for the bearing inside the machine.

When its time for a rebuild of the machine, you will need to send the machine back to me for repair (I only ask to be paid for return shipping and any replacement parts, labor is free)

Do not spray germicide directly onto the machine, instead use a germicide wipe to wipe the machine down if you use such products, and then wipe off all excess. Germicidal spray is very corrosive and will lead to premature failure of parts on all tattoo machines. Spraying with germicide leaves telltale signs and will void your warranty. Bags are the best option for preventing cross contamination.

I think this about covers it for now, if you have any other questions, please send me an email at [shag@shagbuilt.com](mailto:shag@shagbuilt.com). Thanks so much, I hope your new machine makes you lots of money, and many great looking tattoos!

#### WARRANTY

AS THE ORIGINAL OWNER OF THIS MACHINE, YOU ARE ENTITLED TO A 90 DAY LIMITED WARRANTY WHICH COVERS ALL PARTS AND LABOR. SHIPPING COSTS WILL BE ASSESSED ON A CASE BY CASE BASIS. IN ORDER FOR THIS WARRANTY TO BE ACTIVATED, YOU WILL NEED TO REGISTER THE MACHINE BY EMAILING ME AT [register@shagbuilt.com](mailto:register@shagbuilt.com). TO COMPLETE THE REGISTRATION, I WILL NEED YOUR NAME, ADDRESS, DATE AND PLACE PURCHASED AND THE SERIAL NUMBER OF THE MACHINE.

ALL INQUIRES ABOUT WARRANTY REPAIR NEED TO BE SENT TO [register@shagbuilt.com](mailto:register@shagbuilt.com). PLEASE CONTACT ME AND NOT THE DISTRIBUTOR, THEY HAVE NO WAY TO FIX MACHINES.

I HOPE YOU ENJOY THE MACHINE AND THAT IT MAKES YOUR JOB EASIER AND MORE ENJOYABLE!

