

Hummingbird Rotary Tattoo Machine

The Hummingbird is a rotary tattoo machine with an array of advanced features. At a glance the first thing you notice is that the machine is composed by two main parts.

Part 1: Machine Body

Part 2: Motor Bolt

Motor Bolt:

This system detaches from the machine body with a simple quarter turn. Only one motor bolt is required to power several machine bodies as the system was designed to be interchangeable.

This feature gives the artist the flexibility to switch between machine bodies faster and easier than plugging and unplugging conventional clip cords.

Motor bolt systems can be bagged along with your RCA cord helping to prevent cross contamination.

Motor bolts can be sanitized after every tattoo with the sanitizer of choice. (Make sure to avoid spraying directly or pouring fluids inside the motor, as it will damage it and void the warranty)

Machine Body

The machine body houses the armature, slider and needle resistance system, they are fully autoclavable.

This particular option makes the Hummingbird so unique and different than most products in the market.

Product Features

- Lightweight (only 80g) & ergonomic
- Low vibration
- No need for rubber bands
- Adjustable hitting force
- Accepts standard grips, tubes and needles
- RCA connection
- Works with most power supplies 0-14V
- Works well for lining, shading and filling
- Normally stops in upper position
- No moving components in contact with plastic barrier

1. Designed with a well balanced feel. Low vibration and low noise. The needle bar stabilizer and the ability to accept standard grips, tubes, needles and power supplies along with a RCA jack makes the Hummingbird machine the most complete tattoo machine ever made.
2. Top quality Swiss made motor (normal motor or Maxon motor) makes Hummingbird powerful and durable in use. Long life span up to 10,000 hours, steeples speed control with reversing function (consider many tattooists adopts the traditional continually power supply, easy to mess up the positive and negative), drives up to 49 needles or more without problems.
3. The machine is made of lightweight aluminum alloy which has better heat dissipation and reduce your hand fatigue.
4. Designed with the tattoo artist in mind and manufactured with high quality materials and components available. The Hummingbird is a state of the art rotary based tattoo machine with features that gives it several advantages compared to other tattoo machines.
5. It is more compact than traditional electromagnetic tattoo machines and more flexible operation. It can be set up to hit at short, medium, or long strokes by simply changing the interchangeable extenders in the front of the motor. It is capable of hitting at any stroke length from 2.6 mm up to 5.5 mm to suit your needs, for maximum efficiency and for the shortest healing times.
6. The main components in the machine with precision CNC machining center production to ensure the good functioning of the machine.
7. Vibration amplitude -3.2-4.4 is the best floating proportion of tattoo machine.
8. Rated speed 20,000, only the original Swiss motors can achieve this speed power.
9. The black knob on the top of the machine can control needles distance, strength for fine-tuning. Clockwise direction adjustment makes needles higher intensity, suitable for a large area with heavy color; Counterclockwise adjustment makes the needle strength weakened, more suitable for shadow excessively portrait effect. Please choose the appropriate adjustments according to your personal habits.

Specifications

Working voltage

0 - 12volt DC

(max. 5volt DC for long hours of working)

Recommended voltage: 4-7.5V

Power connections:

RCA clip cord

Rpm range Stitches / sec:

0 - 8 000 rpm / min 0 - 130 / sec

(Maxon motor: 20,000 rpm)

Stroke length:

Medium stroke 3.2-3.5 mm

Suspension stroke (give):

0 - 2 mm

Max. tube diameter :

Ø8 mm

Max. needle size:

50 magnum

Weight:

80 grams

Dimensions LxBxH:

90 x 21 x 75 mm

More questions regarding Hummingbird rotary tattoo machines, please feel free to send us email at:

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