

Ambition BS-RZPRO-8006hs-1

Ambition Ninja Pro Tattoo Machine User Manual

Model: BS-RZPRO-8006hs-1

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Ambition Ninja Pro Tattoo Machine. This rotary cartridge tattoo pen features a coreless motor and a 2000mAh power supply, designed for both professional artists and beginners. Please read this manual thoroughly before operation to ensure proper function and longevity of your device.



Image 1: The Ambition Ninja Pro Tattoo Machine, showcasing both the dual battery and single battery configurations. The display shows voltage, Hertz, and battery status.

2. SAFETY INFORMATION

For external use only. Avoid contact with eyes. Keep away from naked flame.

- Always ensure the machine is clean and sterilized before each use.
- Use only compatible and sterile tattoo cartridges.
- Do not immerse the machine in liquids.
- Keep the machine out of reach of children.
- Disconnect power before cleaning or maintenance.
- Do not attempt to disassemble the motor or internal components beyond what is described in this manual.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x Ambition Ninja Pro Battery Tattoo Pen

- 1x RCA adapter
- 1x Extra Battery (for Dual Battery models)
- 1x Extra 4.0mm Stroke Cam
- 1x Charging Cable
- 1x Storage Box

4. SPECIFICATIONS

Ambition Ninja Pro

CORELESS MOTOR TATTOO MACHINE KIT

Weight	197g
Size	123*34mm
Voltage Range	1-12V
Battery Capacity	2000mAh
Battery Life	5-6Hours
Charger time	2-2.5Hours
Stroke Length	4.0mm
Motor	20mm*16mm
Motor Speed	12V11500Rpm
Torque	100g.cm
Vibration value	1.5m/s ²
Decibels	55-57dB

A black, handheld tattoo machine with a digital display on the handle. The display shows '120 HZ', '8.0', '000.0', and '001.0'. It also has a timer and battery level indicator at the bottom. The machine has a textured grip and a small 'x' button on the side.

Image 2: Detailed specifications for the Ambition Ninja Pro Tattoo Machine, including weight, size, voltage range, battery capacity, and motor details.

Technical Specifications

Feature	Detail
Material	Space aluminium alloy, CNC carved
Needle Stroke	4.0mm (adjustable with included cam)
Motor	Custom coreless motor

Feature	Detail
Motor Speed	8V - 9000RPM (up to 12V - 11500RPM)
Battery Capacity	2000mAh per battery
Charging Time	Approximately 2-2.5 hours
Operation Time	5-6 hours at 8V (stable voltage)
Output Voltage	1V-12V
Vibration Value	1.5m/s ²
Decibels	55-57dB
Product Dimensions	7.48 x 5.1 x 2.3 inches (packaged)
Weight	197g (with dual battery) / 157g (single battery)



Image 3: Visual representation of the dimensions and weights for both the single and dual battery versions of the Ambition Ninja Pro Tattoo Machine.

5. SETUP

1. **Charge the Battery:** Before first use, fully charge the battery using the provided charging cable and a 5V/2A charging adapter. The battery screen will indicate charging status. Avoid completely draining the battery to prolong its lifespan.



Image 4: Illustration showing the charging time (2-2.5 hours) and operational battery life (5-6 hours) of the 2000mAh battery.

2. **Attach Cartridge Needle:** Insert a compatible tattoo cartridge needle into the machine's grip. Twist gently to secure.
3. **Adjust Needle Depth:** Rotate the grip to adjust the needle depth (also known as needle hang). The built-in stainless steel high-grade positioning steel ball ensures precise adjustments.
4. **Power On:** Press and hold the power button to turn on the machine. The display will illuminate, showing current voltage, Hertz, remaining charge, and run time.
5. **RCA Adapter (Optional):** If the battery runs out or for wired operation, detach the battery pack and connect the RCA adapter. Then, connect an external RCA power supply.



Image 5: The Ambition Ninja Pro Tattoo Machine demonstrating the flexibility to switch between wireless battery operation and wired operation using an RCA adapter.

6. OPERATING INSTRUCTIONS

The Ambition Ninja Pro is equipped with a custom coreless motor designed for powerful, low-noise, and cool operation during extended use.

CORELESS MOTORS

Motor Speed

12V11500Rpm

Motor Size

20*16mm

Torque

100g.cm

Light weight and efficient

Smoother power output

Low heat generation

Quick response



Image 6: Features of the custom coreless motor, emphasizing its 12V 11500RPM speed, light weight, efficient power output, low heat generation, and quick response.

1. **Adjusting Voltage:** Use the '+' and '-' buttons on the battery pack to increase or decrease the operating voltage. The display shows the current voltage (1V-12V range).
2. **Stroke Length:** The machine comes with a 4.0mm stroke length, suitable for various tattooing styles including fine lines, bold lines, realistic color, new school, and old school. An extra 4.0mm stroke cam is included for replacement if needed.

LOW SKIN LOSS

Can fit most brands of tattoo cartridge needles

4.0mm
STROKE LENGTH

1.5m/s²
VIBRATION VALUE

55-57dB
DECIBELS

LOW NOISE

Equipped with 4.0mm stroke cam, low vibration, only 55-57 decibels when the machine is running

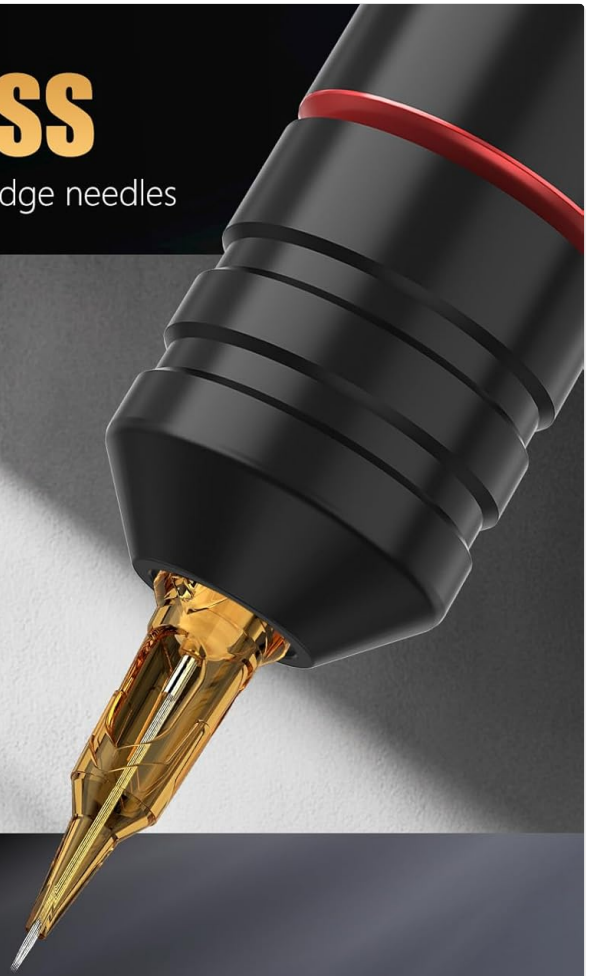


Image 7: Details on the 4.0mm stroke length, 1.5m/s² vibration value, and low noise level (55-57dB) during operation.

3. **Display Information:** The integrated screen provides real-time information:

- **Voltage:** Current operating voltage.
- **Hertz (Hz):** Motor frequency.
- **Remaining Charge:** Battery level indicator.
- **Run Time:** Duration of current operation.
- **Billing Information:** A unique feature to help artists track usage.

4. **Starting/Stopping:** Press the power button briefly to start or pause the machine.

7. MAINTENANCE

- **Cleaning:** After each use, wipe down the exterior of the machine with a sterile wipe or a soft cloth dampened with a suitable disinfectant. Do not use abrasive cleaners or immerse the machine in liquids.
- **Sterilization:** Ensure all components that come into contact with skin or ink (e.g., cartridge needles, grips) are properly sterilized according to industry standards. The machine body itself should be disinfected, not sterilized by heat or harsh chemicals.
- **Storage:** Store the machine in its original box or a clean, dry, and cool place away from direct

sunlight and moisture.

- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Avoid overcharging or completely discharging the battery.

8. TROUBLESHOOTING

- **Machine Not Turning On:**

- Check if the battery is charged.
- Ensure the battery pack is securely attached.
- If using the RCA adapter, verify the external power supply is connected and functional.

- **Motor Not Running Smoothly or Weak:**

- Ensure the cartridge needle is correctly inserted and not jammed.
- Check the voltage setting; increase if necessary.
- Verify the battery has sufficient charge.
- Inspect for any visible obstructions or damage.

- **Display Not Working:**

- Restart the machine.
- Ensure the battery is charged.
- If the issue persists, contact customer support.

- **Overheating:**

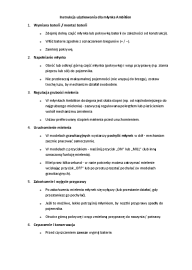
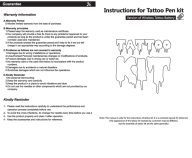



- While designed for low heat, prolonged high-voltage use can generate some warmth. If the machine becomes excessively hot, pause operation and allow it to cool down.
- Ensure proper ventilation around the machine.

9. WARRANTY AND SUPPORT

Ambition provides a warranty for manufacturing defects. Please refer to the warranty card included with your product or visit the official Ambition website for detailed warranty terms and conditions.

For technical support, spare parts, or any inquiries, please contact Ambition customer service through their official channels. Keep your purchase receipt and model number (BS-RZPRO-8006hs-1) handy when contacting support.

You can find more information and contact details on the [Ambition Store on Amazon](#).

	<p>Ambition Spice Grinder User Manual: Operation, Cleaning, and Safety</p> <p>Comprehensive user guide for the Ambition spice grinder, covering battery replacement, filling, grind adjustment, operation, cleaning, maintenance, and essential safety precautions.</p>
	<p>Solong Tattoo Pen Kit User Manual and Warranty Information</p> <p>This document provides instructions for the Solong Tattoo Pen Kit, including product introduction, installation, usage, and warranty information. It details the components of the tattoo pen kit, how to assemble and use it, and covers warranty principles and exclusions.</p>
	<p>MEAN WELL IRM-45 Series: 45W AC-DC PCB-Mount Green Power Module</p> <p>Detailed technical specifications, features, applications, and mechanical details for the MEAN WELL IRM-45 series 45W AC-DC PCB-Mount Green Power Module. Includes safety certifications, EMC compliance, and derating curves.</p>
	<p>Baseus Smooth Writing Active Stylus (Wireless Version) BS-PS001 User Manual</p> <p>User manual for the Baseus Smooth Writing Active Stylus (Wireless Version) BS-PS001, detailing Bluetooth connection, app integration, usage without Bluetooth, battery charging, and product specifications. Includes compatibility information for various iPad models.</p>
	<p>Valor Model 326 Sun~Fire Gas Fire Installer Guide & Installation Manual</p> <p>Comprehensive installer guide for the Valor Model 326 Sun~Fire Radiant/Convector Gas Fire. Covers installation requirements, preparation, operation checks, servicing, and parts replacement according to UK and Irish regulations.</p>
	<p>Heta Ambition Stove: Operating and Installation Instructions</p> <p>Comprehensive guide for the Heta Ambition wood stove, covering operation, installation, maintenance, troubleshooting, and safety guidelines. Includes technical specifications and EU conformity.</p>