



NIQUA SILENCE PRO PNEUMATIC ENGRAVING SYSTEM

MODEL: NIQUA G4G6RIG



INSTRUCTION MANUAL

⚠ CAUTION

To reduce the risk of injury, the user must read and understand this manual before operating the device.

Save this manual for future reference.



SAFETY INSTRUCTIONS

Please read these safety instructions carefully before operating the machine and retain them for future reference. Always follow the safety precautions to avoid fire, electric shock, injury, or other accidents.

- **Work Environment**

- Keep the workplace clean. A cluttered or dirty area increases the risk of accidents.
- Never use the machine outdoors in rainy, damp, or poorly lit environments.
- Avoid using the unit near flammable substances, explosive gases, or excessive dust.

- **Electric Shock Prevention**

- Avoid touching grounded metal objects (e.g., water pipes, radiators, refrigerators) while operating the machine.
- Ensure that all power cables and plugs are dry and intact.

- **Personal Safety**

- Keep children and unauthorized persons away from the operating area.
- Never allow untrained individuals to operate the machine.

- **Machine Handling and Storage**

- Always release air pressure and electronic connections before storing the unit.
- Store the machine in a dry, dust-free environment.
- Do not operate the machine beyond its rated voltage, load, or pressure range.

- **Cable Safety**

- Never pull the cable to unplug the machine; always grasp the plug directly.
- Keep cables away from heat sources, oil, sharp objects, and moving parts.

- **Maintenance**

- Clean or replace the air filter regularly depending on usage.
- Periodically inspect all components, including cables and connectors, and replace damaged parts immediately.
- Keep the unit clean and free from oil and debris to ensure optimal performance.

- **Power Management**

- Always switch off the power when the machine is not in use.
- Disconnect the power before moving or transporting the unit.
- Overpressure Protection
- Never exceed the maximum pressure rating.

- **Use Only Genuine NIQUA Parts**

- The use of non-original spare parts or accessories can cause damage or malfunction, and may pose a safety hazard.

- **Voltage Specifications**

- Ensure the power supply matches the voltage specified on the machine back plate.
- Operating the unit with incorrect voltage may lead to malfunction or injury.

- **Use Restrictions**

- The machine is designed for engraving, stone setting & hammering.
- See Warning

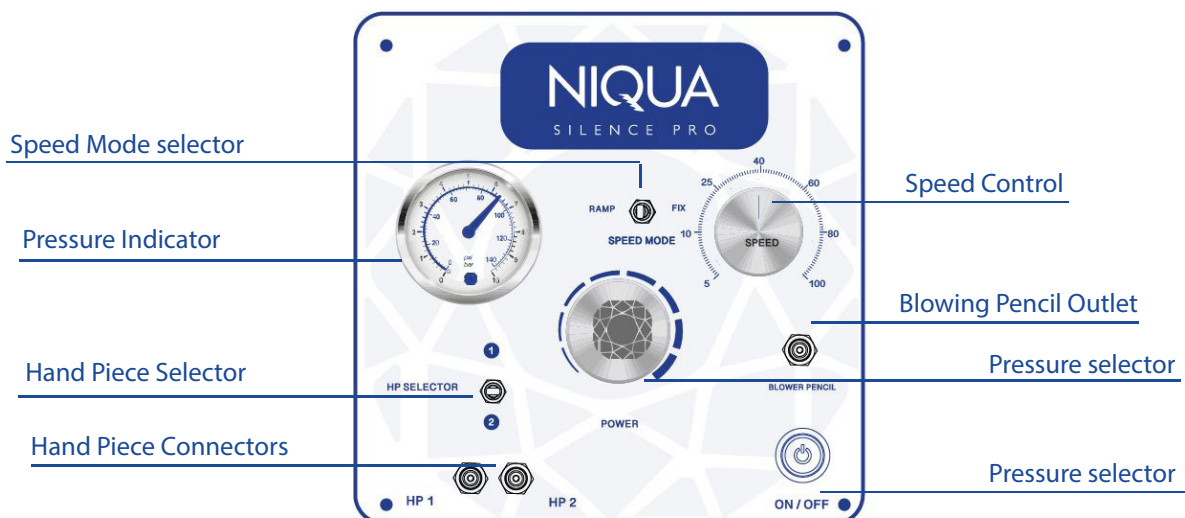
- **Installation and Transport**

- The compressor must be placed upright during operation and transport.
- Avoid impacts, tilting, or inverting the unit to prevent damage or failure.

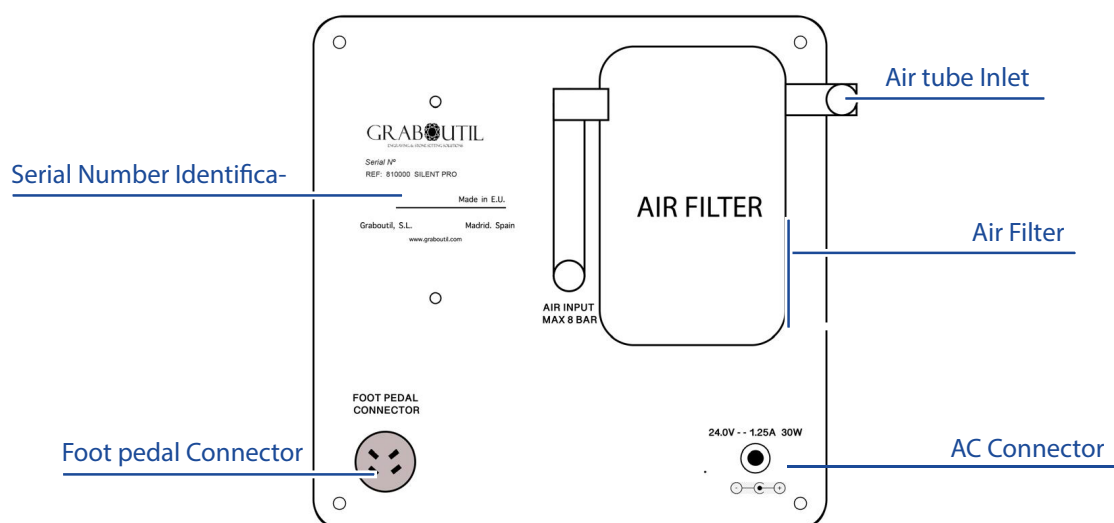


MACHINE FEATURES

FRONT



BACK



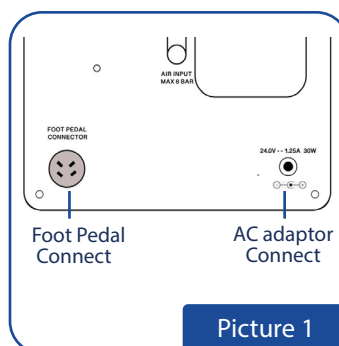


MAIN TECHNICAL PARAMETERS

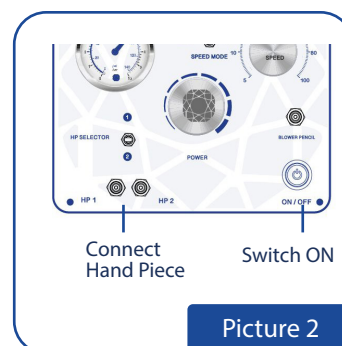
Model	Pressure	Power	Hand Pieces	BLOWING
SILENCE PRO	6 BAR	24V	2	YES

Connnection Instructions

- Connect the adaptor to the power supply and to the Machine.
- Conect the foot pedal and be sure you turn it to the secure position to ensure the right position.
- Connect the airhose to the inlet air racor attached to the filter
- Ensure the compressor is delivering Minimum 6 Bar.
- Press ON/OFF Switch until it lights in blue.
- Connect the Hand pieces by threading the connector



Picture 1



Picture 2

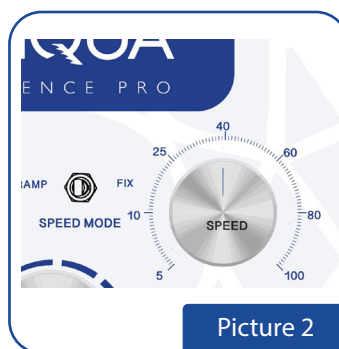
Set Up Ramp Speed MODE

1. Increase the Pressure untill Minimum 4 BAR
2. Choose Ramp Speed Mode in the Speed Selector
3. Start Pressing the Foot pedal and choose the ramp Speed mode more convenient for your engraving application
4. Parameter Adjustment

Once the machine is running the foot pedal will actuate as an accelerator increasing the speed into the defined range.
 Increase the power if you need stronger strokes
 Modify the speed range at your best convenience



Picture 1

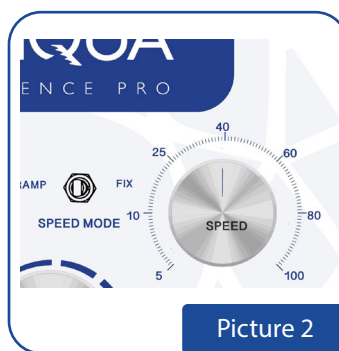


Picture 2



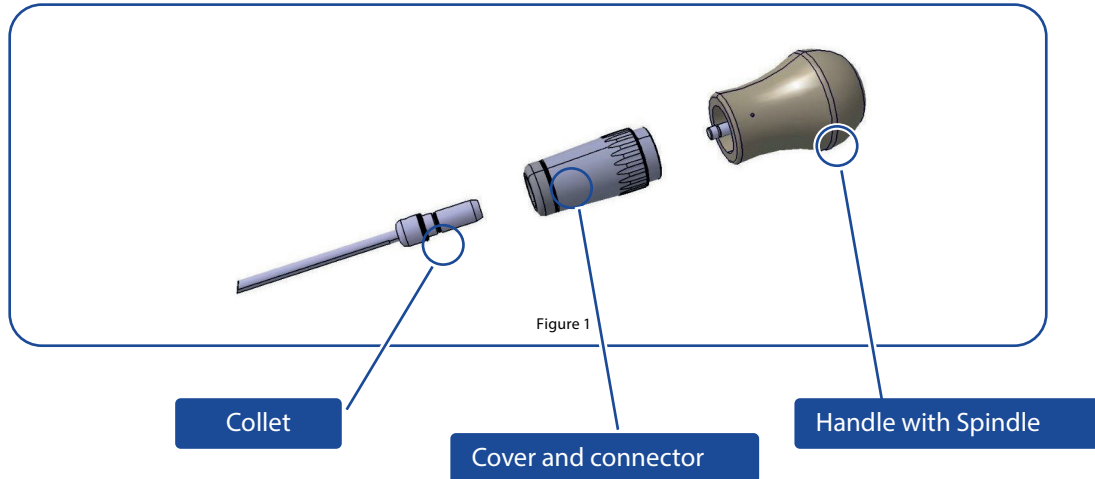
Set Up Fix Speed MODE

1. Increase the Pressure until Minimum 4 BAR
2. Choose Fix Speed Mode in the Speed Selector
3. Start Pressing the Foot pedal and choose the fix Speed more convenient for your engraving application.
4. Parameter Adjustment
Once the machine is running the foot pedal will actuate as an actuator delivering the speed fixed with the selector.
Increase the power if you need stronger strokes
Modify the speed at your best convenience and it will remain fix.





Hand Piece Features



1. The hand piece acts as a hammer and chisel hitting the collet
2. Attach the graver to the collet with the Screw.
3. Put the collet in the Hand Piece and turn it until the ball is fixed in built pocket.
4. Additional Hammers
Normally the machine delivers enough power without attaching any hammer. If you need more power then:
 - Choose the hammer you want to attach.
 - Put it through the spindle and fix it with the delivered O-ring fixture
 - Continue the operation

CHECK THE QR CODE TO SEE THE HAND PIECE VIDEO



QR



MAINTENANCE INSTRUCTIONS



Important:

Before performing any maintenance work, always:

- Disconnect the power supply
- Disconnect the Air supply of the machine.

General Maintenance Guidelines:

1. Keep the machine and handpiece clean. Perform regular cleaning and maintenance to ensure optimal performance and extend the service life of the machine.
2. Check regularly the spring of the Handpiece and the status of the spindle.
3. Make sure the foot pedal is moving smooth and there is not dirt in between the elements
4. Filter maintenance:
Every 500 hours of operation: Remove and clean or replace the muffler filter core.

NIQUA[®]

G R O U P

MADE IN GERMANY — 1897