

Lathe Machine Safety Precautions

ANTISHICNC Company

General Safety Guidelines

Avoid Loose Clothing and Accessories:

Do not wear gloves, rings, watches, or loose clothing while operating the lathe.

Tie back long hair to prevent entanglement.

Use Protective Gear:

Always wear safety goggles or a full-face shield to protect your eyes from flying debris.

Use hearing protection if the lathe operates at high noise levels.

Inspect the Machine:

Check the lathe for any damage or loose parts before starting.

Ensure all guards and safety shields are in place.

Proper Training:

Only trained and authorized personnel should operate the lathe.

Familiarize yourself with the machine's controls and emergency stop button.

Operational Safety

Secure the Workpiece:

Ensure the workpiece is properly clamped and centered before starting the lathe.

Avoid over-tightening, which can damage the material.

Tool Positioning:

Set the tool bit on the centerline of the workpiece to prevent accidents.

Use the correct tool for the material and operation.

Avoid Distractions:

Do not lean on the machine or engage in conversations while operating.

Stay focused and alert at all times.

Chip and Debris Management:

Turn off the lathe before clearing chips or debris.

Use a brush or tool to remove chips—never use your hands.

Emergency and Maintenance

Emergency Stops:

Know the location of the emergency stop button and how to use it.

Stop the machine immediately if you notice unusual sounds or vibrations.

Regular Maintenance:

Keep the lathe clean and well-lubricated.

Inspect belts, gears, and other components regularly for wear and tear.

Power Off When Not in Use:

Always turn off and unplug the lathe when not in use or during maintenance.