

# Department of Mechanical Engineering

## Makerspace Safe Operating Procedure

### Industrial Sewing Machine

**CAUTION: DO NOT** use this machine unless a teacher has instructed you in its safe use and operation and has given permission. Safety glasses must always be worn in work areas. Long and loose hair must be contained or restrained. A mask must be worn when excessive airborne dust or toxic vapors are created. Appropriate footwear with substantial uppers must be worn. Rings and jewelry must not be worn near moving machinery components. Close fitting, protective clothing or a workshop apron is encouraged.

#### *Adapted from Juki*

Keep your hands away from the needle when you turn ON the power switch or while the machine is in operation.

Do not put your fingers into the thread take-up cover while the machine is operating.

Turn OFF the power switch when tilting the machine head or removing the belt cover or the V belts.

During operation, be careful not to allow your or any other person's head, hands, or clothes to come close to the handwheel, V belt and motor. **DO NOT** place anything close to them.

**DO NOT** operate your machine with the belt cover and finger guard removed.

When tilting the machine head, be sure to confirm that the head support bar is properly attached to your machine head.

To ensure safety, **NEVER** operate the machine with the ground wire for the power supply removed.

When inserting/removing the power plug, the power switch must be turned OFF in advance.

To prevent fires, periodically draw out the power plug from the plug socket and clean the root of the pins and the space between pins.

The hook rotates at a high speed while the machine is in operation. To prevent possible injury to hands, be sure to keep your hands away from the vicinity of the hook during operation. In addition, be sure to turn OFF the power to the machine when replacing the bobbin.

To avoid possible accidents due to the abrupt start of the machine, be sure to turn OFF the power to the machine.

When tilting or returning the sewing machine to the home position, hold the upper side of the machine head with both hands and perform the work quietly so that nothing is caught in the machine.

By signing this document, I, \_\_\_\_\_, agree to abide by I agree to use makerspace responsibly in accordance with the rules, policies, and guidelines in this document.

---

MEDDL User

Date

---

---

MEDDL Makerspace

Date

---