

Maintenance and upkeep

For the guarantee to be valid and for a longer life of your workbench, all movable parts must be greased with tallow and adjusted regularly. Melt the tallow in a pan or use an immersion heater. Use a brush for greasing, see illustration. Your workbench must not be handled abnormally or stored in damp surroundings.

A bench with a shoulder vice is equipped on the underside with 2 adjustment options. One can be used to prevent too much play at the shoulder vice mounting point and the other is for vertical adjustments of the shoulder vice slide. Use these when applicable.

Providing the bench with jaw protectors to both shoulder and front vice protects the bench. Check that all bolts have been tightened. A bolt which isn't tight can in time cause fractures of the glued sections.

In order for the constructions to function satisfactorily with the moving parts, the humidity must be constant between 40-55%.

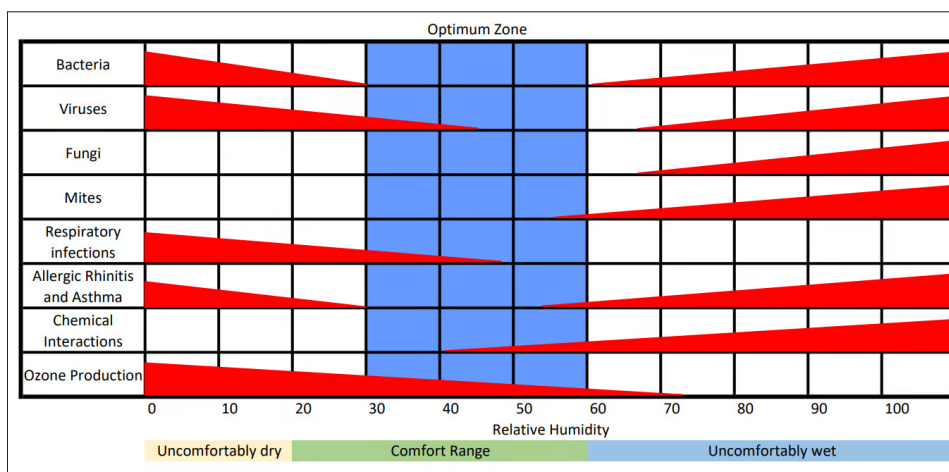
If you have any questions, contact us

Wood is a hygroscopic material with the ability to emit and absorb moisture from the surrounding air and materials. As a result, the wood swells or shrinks, depending on the atmospheric humidity. The moisture content of the wood strives to maintain equilibrium with the surrounding climate. During dry periods, gaps might arise between boards, and "dishing" occurs. During moist periods, on the other hand, the boards press tightly together and a slight "cupping" can occur.

Therefore, it's important that you keep your workbench where the relative humidity, RH, can be kept between 40 and 55% all year around. If you exceed those limits, the wood can react as described above. You can measure the RH with a hygrometer. If the RH is lower than 40% you should add moisture to the room and if it's more than 55%, you need to dehumidify. You will find an hygro- meter as well as a dehumidifier at the hardware dealer. We humans also prefer our indoor air to have a relative humidity within these limits. This prevents bacteria, viruses, bronchial infections, asthma etc from flourishing.

Source Optimum Humidity Range for Human Comfort and Health Source: 2016 ASHRAE HVAC Systems and Equipment Handbook, Chapter 22

A correct relative humidity, RH, is good for both workbenches and human beings. The diagram shows the importance of the indoor air humidity.



WORKBENCH WITH SHOULDER VISE

1. The wooden screw used to mount the shoulder vice onto the bench as well as the screw threading must be greased regularly.
2. Grease the washer on the inner side of the vice with tallow.
3. Grease the sliding wooden surfaces. Open the vice screw and grease the thread.
4. Grease the guide bar.

Tallow art nr 33167

WORK BENCH WITH FRONT VISES

Lubricate all movable parts with oil or grease. Adjust the vice when necessary.



sjobergs.se